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# **BMJ Open**

## Clinical Characteristics of 2,199 Hospitalized COVID-19 Patients in New York City

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**Title**: Clinical Characteristics of 2,199 Hospitalized COVID-19 Patients in New York City

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#### **ABSTRACT**

## Objective:

The coronavirus 2019 (COVID-19) pandemic is a global public health crisis, with over 3 million cases and 200,000 deaths worldwide. Data are needed regarding the clinical course of hospitalized patients, particularly in the United States.

We aimed to compare clinical characteristic of COVID-19 patients who had in-hospital mortality with those who were discharged alive.

**Design:** Demographic, clinical, and outcomes data for patients admitted to five Mount Sinai Health System hospitals with confirmed COVID-19 between February 27 and April 2, 2020 were identified through institutional electronic health records. We performed a retrospective comparative analysis of patients who had in-hospital mortality or were discharged alive.

## Setting:

All patients were admitted to the Mount Sinai Health System, a large quaternary care urban hospital system.

## Participants:

Participants over the age of 18 years were included.

## **Primary Outcomes:**

We investigated in-hospital mortality during the study period.

#### Results

A total of 2,199 patients with COVID-19 were hospitalized during the study period. As of April 2<sup>nd</sup>, 1,121 (51%) patients remained hospitalized, and 1,078 (49%) completed their hospital course. Of the latter, the overall mortality was 29%, and 36% required intensive care. The median age was 65 years overall and 75 years in those who died. Preexisting conditions were present in 65% of those who died and 46% of those discharged. In those who died, the admission median lymphocyte percentage was 11.7%, D-dimer was 2.4 ug/ml, C-reactive protein was 162 mg/L, and procalcitonin was 0.44 ng/mL. In those discharged, the admission median lymphocyte percentage was 16.6%, D-dimer was 0.93 ug/ml, C-reactive protein was 79 mg/L, and procalcitonin was 0.09 ng/mL.

#### **Conclusions**

In our cohort of hospitalized patients, requirement of intensive care and mortality were high. Patients who died typically had more pre-existing conditions and greater perturbations in inflammatory markers as compared to those who were discharged.

## Strengths and limitations of this study:

- We identify factors associated with in-hospital mortality in a diverse cohort
- Our study leverages longitudinal electronic health records
- Our study is limited by the short followup time period

#### INTRODUCTION

The Coronavirus disease (COVID-19) pandemic, caused by severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2), has held the world at a standstill with its virulence. As of April 27, 2020, over 3 million people have been affected, and more than 200,000 patients have died worldwide<sup>1</sup>. In addition to being highly contagious, the

disease manifestations and clinical course are variable, spanning from asymptomatic status to severe acute respiratory distress syndrome with multiorgan failure and death<sup>2</sup>.

Reports from China and Italy provided early data on disease presentation and management<sup>3,4</sup> but also revealed varying geographic disease expressions. Nearly one-third of the world's cases are now in the United States (US), and with nearly one-third of those cases located in New York, it represents the current epicenter of the COVID-19 pandemic<sup>5</sup>.

As the number of cases continues to climb, hospitals are being stretched well-beyond capacity while facing challenges of insufficient personal protective equipment (PPE), ventilators, and workforce. Thus, understanding the clinical course of hospitalized COVID-19 patients is critical not only for providing optimal patient care but also to inform resource management in other locations across the US likely to experience similar case surges<sup>6</sup>. Data specifically examining differences in admission laboratory data in patients who died as compared to those who were ultimately discharged is lacking.

The Mount Sinai Healthcare System (MSHS) is the largest academic health system in New York City and serves as an ideal platform to better understand the evolving landscape of COVID-19 across a diverse population. Here, we present the largest case series of patients hospitalized with laboratory confirmed COVID-19 to date in the US.

#### **METHODS**

#### Patient involvement

Patients and the public were not directly involved in the study design or implementation.

#### **Study Population**

The MSHS serves a large, racially and ethnically diverse patient population. In this study, patient data came from 5 major hospitals: the Mount Sinai Hospital located in East Harlem, Manhattan; Mount Sinai Morningside located in Morningside Heights, Manhattan; Mount Sinai West located in Midtown and the West Side, Manhattan; Mount Sinai Brooklyn located in Midwood, Brooklyn; and Mount Sinai Queens located in Astoria, Queens. We included patients who were at least 18 years old, had a laboratory-confirmed COVID-19 infection, and were admitted to any of the aforementioned 5 MSHS hospitals between February 27 and 12 a.m. April 2, 2020 (time of data freeze). A confirmed case of COVID-19 was defined by a positive reverse transcriptase polymerase chain reaction (RT-PCR) assay of a specimen collected via nasopharyngeal swab. The Mount Sinai Institutional Review Board approved this research under a broad regulatory protocol allowing for analysis of limited patient-level data.

#### **Data Collection**

The dataset was obtained from different sources and aggregated by the New York Covid Informatics Taskforce (NYCIT) (Further description of NYCIT is provided in Supplementary Material). We obtained demographics, diagnosis codes (International

Classification of Diseases-9/10-Clinical Modification (ICD-9/10-CM) codes and procedures, as well as vital signs and laboratory measurements during hospitalization. Demographics included age, sex, and language, as well as race and ethnicity in the electronic health records. Racial groups included White, Black or African American, Asian, Pacific Islander, Other, and Unknown. Ethnic groups included Non-Hispanic/Latino, Hispanic/Latino, or Unknown. All vital signs and laboratory values were obtained as part of indicated clinical care.

## **Definitions of Pre-existing Conditions**

We defined a pre-existing condition as the presence of diagnosis codes associated with specific diseases. Diagnoses and corresponding ICD codes are provided in **Supplemental Table 1.** 

#### **Definitions of Outcomes**

We assessed in-hospital mortality and admission to intensive care.

## **Statistical Analysis**

Results are reported as medians and interquartile ranges or means and standard deviations, as appropriate. Categorical variables were summarized as counts and percentages. Statistical significance was evaluated using a Wilcoxon test for continuous variables and a Fisher-exact test for categorical variables. We visualized length of stay (LOS) using a cumulative incidence function with competing risks for mutually exclusive events of in-hospital mortality or discharge. Patients who were still hospitalized at the time of data freeze were regarded as having a censored LOS. We assumed censored observations from patients with ongoing hospitalization will not exceed the longest LOS in our dataset when calculating the restricted mean LOS. No imputation was made for missing data. Analysis was performed with R<sup>7</sup>.

#### **RESULTS**

A consort diagram of included patients and outcomes is depicted in **Supplementary Figure 1**.

## <u>Demographic and Clinical Characteristics</u>

From February 27 to April 2, 2020, 2,199 COVID-19 positive patients were hospitalized at one of five MSHS New York City hospitals. At the time of writing this report, 1,121 (51%) patients remained hospitalized and 1,078 (49%) completed their hospital course, with 768 discharges and 310 deaths. **Figure 1** details the number of patients admitted to the hospital per day and the total number of patients admitted cumulatively over time. During the study period, the trend of hospital admissions per day consistently increased.

Patient demographics, pre-existing conditions as well as vital signs and laboratory values at the time of admission are displayed in Table 1. Median age was 65 years with only 3% of patients less than 30 years and 36% over 70 years. The proportion of men was higher (59%) than women (41%) and 25% had their race identified as White, 25% as African American, and 3% as Asian. One quarter of the population has their ethnicity

identified as Hispanic/Latino. More than half of the population had at least one preexisting condition. Specifically, 37% presented with a history of hypertension, 27% with diabetes mellitus, 16% with coronary artery disease, 10% with heart failure and 9% with chronic kidney disease.

## Laboratory Results and Vital Signs at Presentation

Overall, 1,558 (71%) of patients were admitted through the emergency department. On hospital admission, 39% of all patients were tachycardic and 25% of all patients were febrile (**Table 1**). The median white blood cell count was 7 K/uL and lymphocyte percentage was 13.8. The median serum creatinine was 1 mg/dL. Select inflammatory markers performed in subsets of patients in accordance with clinical indication were markedly elevated on admission (**Table 1**). Specifically, the median C-reactive protein (CRP) was 110 mg/L, lactate dehydrogenase (LDH) was 416 U/L, and ferritin was 714 ng/L. Over one-quarter of patients (28%) had a procalcitonin level above 0.49 ng/mL, and nearly half of patients (46%) had a procalcitonin level less than 0.15 ng/mL. The median D-dimer was 1.31 ug/mL; one-third of patients (33%) had a D-dimer greater than 2 ug/mL.

The frequencies of otherwise non-routine laboratory assessments ordered on day of admission increased over time and are shown in **Supplementary Figure 2.** In contrast, hemoglobin, a routinely measured clinical lab value, was ordered at admission in the majority of patients without variation over the study period.

#### Clinical Outcomes

Due to the unknown future clinical course of those patients hospitalized at the time of data freeze, below we present clinical characteristics of only those patients who had completed their hospital course. A total of 1,078 COVID-19 confirmed hospitalized patients completed their hospital course (died or discharged alive) by the date of data freeze on April 02, 2020. Of these, 768 (71%) were discharged and 310 (29%) died in the hospital. Estimates for mortality and need for ICU admissions over time are displayed in **Figure 2**.

The median LOS was 7.7 days, accounting for censoring of patients with ongoing hospitalization. By the mean LOS (10.5 days), 45% of patients had been discharged, 17% had died, and 38% were still hospitalized (**Figure 2**). Demographics and admission laboratory measurements for patients who completed their hospital course are displayed in **Table 2**, stratified by mortality. The median age was significantly greater in those who died as compared to those who were discharged (75 years vs 59 years; p<0.001). Pre-existing conditions were present in 64% of those who died and 46% of those discharged. We observed a significantly greater prevalence of diabetes (34% vs 20%; p=0.004), chronic obstructive pulmonary disease (9% vs 4%; p=0.002), heart failure (21% vs 7%; p<0.001), stroke (10% vs 5%; p=0.004), and hypertension (45% vs 30%; p<0.001) in those who died as compared to those who were discharged. Prevalence of other comorbidities are provided in **Table 2**.

We present key laboratory markers at the time of hospital admission in subsets of patients for whom they were measured. Patients who died had a significantly lower median lymphocyte percentage (11.7% vs 16.6%; p <0.001) and greater aspartate aminotransferase (AST) (58.5 U/L vs 36; p <0.001), CRP (162 mg/L vs 79; p <0.001), ferritin (798 ng/L vs 509 ng/L; p <0.001), LDH (517 U/L vs 347 U/L; p<0.001), and procalcitonin (0.44 ng/mL vs 0.09 ng/mL; p<0.001) as compared to those who were discharged (**Table 2**). We also observed a significant elevation in D-Dimer (56% >2.0 ug/mL vs 21 % >2.0 ug/mL; p<0.001) in those who died as compared to those who were discharged.

## Patients Requiring ICU Admission

Of the 1,078 patients who completed their hospital course, 385 (36%) required intensive care during their hospital stay. For these patients, vital signs and laboratory values immediately before transfer to intensive care are displayed in **Table 3**, stratified by mortality outcome. Immediately before their ICU admission, patients who died were more likely to be tachycardiac (38% vs 19%; p <0.001) and hypotensive (22% vs 4%; p <0.001) as compared to those who were ultimately discharged. We also observed that patients who died had a lower median lymphocyte percentage (9.6% vs 16.6%) and greater serum creatinine (1.5 mg/dL vs 0.6 mg/dL; p<0.001), AST (62 U/L vs 35; p<0.001), CRP (220 mg/L vs 76 mg/L; p<0.001), ferritin (920 ng/L vs 503; p<0.001), procalcitonin greater than 0.49 mg/mL (59% vs 10%; p<0.001), LDH (513 U/L vs 333 U/L; p<0.001), CK (659 U/L vs 146; p<0.001) and D-dimer greater than 2 ug/mL (63%vs 22%; p<0.001) as compared to those who were discharged (**Table 3**).

#### DISCUSSION

The COVID-19 pandemic represents the greatest public health emergency in the modern world. Limited data, especially in the US, exists to guide clinical care, resource management, and risk stratification in hospitalized patients. Our study is of the case series of patients reported with confirmed COVID-19 in the US. Previous reports were either from other countries, examined smaller cohorts, or were focused on critically ill patients<sup>4,8–13</sup>. The present report provides a broad perspective on patients admitted with COVID-19 in both general medicine ward and intensive care settings. Our study presents key clinical differences from laboratory data available at time of admission and thus would aid clinical management decision-making early in the hospital course. Additionally, our health system serves a unique population representative of the ethnic and socioeconomic diversity seen in both New York City and across the United States.

We highlight several key findings. Among the 1,078 patients who completed their hospital course (discharge or in-hospital death), the overall mortality rate was 29% and 31% in patients who received ICU care. The overall case fatality rate likely represents an overestimation of the true disease mortality rate since patients who remained

hospitalized at the date of data freeze were not included in this calculation. The mortality rate in intensive care is lower than previously described<sup>4,13–15</sup> and may be reflective of early care escalation.

We observed that patients who died had a significantly higher median age with significantly more pre-existing conditions than those who were discharged. Though 25% of patients were febrile on admission, this may be an underestimation due to possible antipyretic use and/or selection bias. A substantial proportion of patients with COVID-19 displayed abnormal laboratory measurements at the time of admission. These included lymphopenia and elevated inflammatory markers such as D-dimer, CRP, LDH, and ferritin. These trends persisted among those who died and/or received intensive care, both on admission and at the time of ICU transfer. If formal epidemiologic analyses confirm these observations, early laboratory evaluation may be crucial in identifying patients suspected for COVID-19 prior to RT-PCR test result. It may also aid clinicians in identifying patients at high risk of decompensation, ICU admission, and potentially even death. Early identification of high-risk patients could enable timely patient triage and improved resource allocation. Additional work is needed to develop real-time, accurate predictive models for risk stratification in COVID-19, particularly to elucidate the clinical utility of specific laboratory measurements.

Han et al. found a significant association of serum lactate dehydrogenase and creactive protein with COVID-19 severity in patients from China<sup>16</sup>. As the number of cases rose quickly in New York City, MSHS hospitals served as early adopters, creating a COVID-19 order set in our EHR to streamline objective data gathering, facilitate more cohesive workflow amongst team members, and minimize ancillary staff exposure by completing all necessary admission labs at one time. This laboratory order set included serum D-dimer, C-reactive protein, procalcitonin, ferritin, and lactate dehydrogenase. In turn, we observed an increase in these orders from the first day of admission over the study period (**Supplementary Figure 2**). Given the abnormalities observed in patients who died, these laboratory measurements may be prognostic markers of disease severity or subsequent clinical course, although this requires further investigation. If confirmed, other health systems expecting impending case surges may consider similar workflows to promote improved healthcare delivery to affected patients.

Our study should be considered in light of several limitations. Since COVID-19 testing is frequently repeated in hospitalized patients and initial testing may result in false negatives, we are unable to determine whether patients developed their infection during or before hospital admission. Furthermore, COVID-19 has a variable incubation period of approximately 8-15 days<sup>17</sup>, and patients may present to the hospital several days after initial infection or the onset of symptoms. Thus, we are unable to determine patients' disease duration. Additionally, we separated discharged patients from those who died, but some patients may have expired after discharge. This could affect our listed case mortality rate. Our study is also confined by the inherent limitations (e.g. biases) of EHR data. Although utilizing structured EHR data allows for rapid integration of multiple data streams and real-time analysis, data present only in clinical note text, such as symptoms on presentation are missed. We chose not to perform

comprehensive manual chart review to prioritize timely dissemination of our observations.

As the COVID-19 pandemic spreads from the current epicenter in New York City to other areas, our report provides meaningful clinical insights that may better inform care for diverse populations. Future work will aim to predict COVID-19 patient outcomes using a variety of approaches, thereby reducing healthcare system burden and permitting improved care delivery.

## **Figures**

**Figure 1:** Hospital Admissions of COVID-19 patients within our cohort. <u>Panel A</u>: The number of total patients (n = 2,199) admitted each day to one of the hospitals for the duration of the study period. <u>Panel B</u>: The number of patients cumulatively admitted, cumulatively discharged, or still hospitalized by day.

Figure 2: Cumulative incidence function displays the probability of mutually exclusive events of discharge (blue) or death (red) by a given day of hospitalization, accounting for the changing number of patients at risk including censoring. The remaining portion (white) shows patients that are still hospitalized, where the median length of stay is 7.7 days.

**Table 1.** Characteristics of Hospitalized COVID-19 Patients at Baseline (n=2,199)

Characteristics of Admission		N with characteristic available
Admission Source, n (%)		
Emergency Department	1558 (71)	2100
Other	641 (29)	<del></del>
Race, n (%)		
White	554 (25.2)	
Black or African American	543 (24.7)	
Asian	74 (3.4)	2199
Pacific Islander	25 (1.1)	
Other	912 (41.5)	
Unknown	91 (4.1)	
Ethnicity, n (%)		
Hispanic/Latino	576 (26.2)	
Non-Hispanic/Latino	1305 (59.4)	2199
Unknown	318 (14.5)	
Age, Median (IQR)	65 (54-76)	2199
Age Groups, n (%)		
18-30	73 (3.3)	
31-40	179 (8.1)	
41-50	225 (10.2)	
51-60	395 (18.0)	2199
61-70	527 (24.0)	2199
71-80	444(20.2)	
81-90	274 (12.5)	7
91 or older	82 (3.7)	
Sex, n (%)		
Male	1293 (58.8)	2400
Female	906 (41.2)	<u> </u>
Body Mass Index in kg/m², Median (IQR)	28 (6)	1316
Previous Medical History, n (%)		
Atrial Fibrillation	156 (7.1)	
Asthma	180 (8.2)	
Coronary Artery Disease	343 (15.6)	
Cancer	151 (6.9)	2199
Chronic Kidney Disease	207 (9.4)	
Chronic Obstructive Pulmonary Disease	113 (5.1)	
Diabetes Mellitus	583 (26.5)	
	000 (20.0)	

Heart Failure	217 (9.9)	
Hypertension	812 (37)	
Stroke	153 (7)	
Vital Signs at Hospital Admission		
Heart Rate in beats per min, Median (IQR)	95 (83-108)	
Number of patients >100 Beats per min, n(%)	857 (39)	2181
Temperature in degree Fahrenheit	99 (2)	
Number of patients >100.4-degree Fahrenheit, n (%)	535 (25)	2180
Respiratory Rate in breaths/minute	20 (3)	
Systolic Blood Pressure in mmHg, Median (IQR)	130 (29)	2476
Diastolic Blood Pressure in mmHg, Median (IQR)	74 (17)	2176
Admission Laboratory Parameters, Median (		
White Blood Cell Count -K/uL, Median (IQR)	7 (5.2-9.9)	2029
Number of patients >10, n (%)	498 (25)	2029
Number of patients <4, n (%)	224 (11)	2029
Lymphocyte Count - K/uL, Median (IQR)	0.9 (0.7-1.3)	1888
Lymphocyte Percentage, Median (IQR)	13.8(8.5-20.5)	1972
Hemoglobin - g/dL, Median (IQR)	13.1(11.6-14.4)	2031
Platelet Count - K/uL, Median (IQR)	195(151-253)	2028
Prothrombin Time - sec, Median (IQR)	13.9(13.2-15)	937
Activated Partial Thromboplastin Time - sec, Median (IQR)	32 (29-36.1)	926
Serum Sodium - mEg/L, Median (IQR)	137 (134-140)	2015
Serum Potassium - mEq/L, Median (IQR)	4.2 (3.9-4.6)	2006
Serum Creatinine - mg/dL, Median (IQR)	1 (0.8-1.5)	2018
Aspartate aminotransferase - U/L, Median (IQR)	42 (30-70.5)	1815
Alanine aminotransferase - U/L, Median (IQR)	32 (19-56)	1025
Serum Albumin - g/dL, Median (IQR)	3.2 (2.8-3.6)	1848
Venous lactate - mmol/L, Median (IQR)	1.5 (1.1-2)	775
Number of patients >1.5, n (%)	392 (51)	775
Inflammatory Markers		
C-Reactive Protein - mg/L, Median (IQR)	110 (57.8-196)	1354
Ferritin -ng/L, Median (IQR)	714 (324-1730)	1324
Procalcitonin -ng/mL, Median (IQR)	0.18 (0.08-0.57)	1241

Number of patients >0.49, n (%)	344 (28)	1241
Number of patients <0.15, n (%)	573 (46)	1241
Lactate Dehydrogenase -U/L, Median (IQR)	416 (314-545)	1290
Creatinine Kinase - U/L, Median (IQR)	199 (97-565)	502
D-Dimer -ug/mL, Median (IQR)	1.31 (0.74-2.44)	1079
Number of patients >2.0, n (%)	352 (33)	1079

Baseline values are defined as first values on hospitalization. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.

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**Table 2.** Characteristics of Hospitalized COVID-19 patients by patients who had in-hospital mortality vs. those who were discharged alive (N=1,078). Continuous and categorical variables were compared using a Wilcoxon test and Fisher exact test, respectively.

	Patients with In-Hospital Mortality (n=310)	N with characteristic available	Patients who were discharged alive (n=768)	N with characteristic available	P value
Time to ICU (hours), Median (IQR)	11.0 (4.9 - 44.7)	121	12.6 (3.1 - 11.1)	264	<0.001
Race, n (%)					
White	98 (31.6)		216 (28.1)		
Black or African American	71 (22.9)		185 (24.1)		40,004
Asian	17 (5.5)	310	22 (2.9)	768	<0.001
Pacific Islander	1 (0.3)		7 (0.9)		
Other	111 (35.8)		310 (40.4)		
Unknown	12 (3.9)		28 (3.6)		
Ethnicity, n (%)					
Hispanic/Latino	58 (18.7)		208 (27.1)		
Non- Hispanic/Latino	198 (63.9)	310	464 (60.4)	768	0.005
Unknown	54 (17.4)		96 (12.5)		
Age, Median (IQR)	75 (64-85)		59 (45-72)		<0.001
Age Groups, n (%)					
18-30	1 (0.32)		53 (6.9)		
31-40	2 (0.65)		108 (14.1)		
41-50	17 (5.5)		100 (13.0)		
51-60	37 (11.9)	310	143 (18.6)	768	
61-70	66 (21.3)	310	157 (20.4)	700	
71-80	83 (26.8)		130 (16.9)		
80-90	75 (24.2)		62 (8.1)		
>90	29 (9.4)		15 (2.0)		
Sex, n (%)					
Male	191 (61.6)	310	436 (56.8)	768	0.16
Female	119 (38.4)	310	332 (43.2)	7 00	
Body Mass Index in kg/m <sup>2</sup> , Median (IQR)	32 (7)	241	28 (6)	627	<0.001
Previous Medical	History, n (%)				
Atrial Fibrillation	43 (13.9)	768	42 (5.5)	768	0.91

Asthma	23 (7.4)		61 (7.9)		0.87
Coronary Artery Disease	83 (26.8)		84 (10.9)		<0.001
Cancer	24 (7.7)		40 (5.2)		0.147
Chronic Kidney Disease	41 (13.2)		54 (7)		0.002
Chronic Obstructive Pulmonary Disease	28 (9)		31 (4)		0.002
Diabetes Mellitus	105 (33.9)		151 (19.7)		<0.001
Heart Failure	64 (20.6)		53 (6.9)		<0.001
Hypertension	140 (45.2)		233 (30.3)		<0.001
Stroke	32 (10.3)		40 (5.2)		0.004
Admission Labora	tory Parameters				
White Blood Cell Count -K/uL, Median (IQR)	8.6 (5.9-12)	281	6.2 (4.7-8.2)	728	<0.001
Number of patients >10, n (%)	105(37)	281	101(14)	728	<0.001
Number of patients <4, n (%)	17 (6)	281	106 (15)	728	<0.001
Hemoglobin - g/dL, Median (IQR)	12.6 (10.9- 14.3)	282	13.2 (11.9- 14.4)	728	<0.001
Platelet Count - K/uL, Median (IQR)	185 (144-239)	282	193 (153-247)	726	0.070
Lymphocyte Count - K/uL, Median (IQR)	0.9 (0.6-1.3)	248	1 (0.8-1.4)	689	<0.001
Lymphocyte Percentage, Median (IQR)	11.7 (6.6-18.6)	270	16.6 (11.7- 24.2)	710	<0.001
Prothrombin Time - sec, Median (IQR)	14.2 (13.6- 16.3)	142	13.5 (13-14.4)	304	<0.001
Activated Partial Thromboplastin Time - sec, Median (IQR)	32.9 (30.2- 37.6)	140	31.4 (28.7- 34.8)	302	0.001
Serum Sodium - mEq/L, Median (IQR)	138 (134-141)	284	137 (135-140)	708	0.059

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Serum Potassium - mEq/L, Median (IQR)	4.4 (4-5)	288	4.1 (3.8-4.5)	706	<0.001
Serum Creatinine - mg/dL, Median (IQR)	1.3 (0.9-2.2)	288	0.9(0.7-1.2)	710	<0.001
Aspartate aminotransferase - U/L, Median (IQR)	58.5 (34-102)	246	36 (26-54)	628	<0.001
Alanine aminotransferase - U/L, Median (IQR)	32 (19-58)	119	30 (19-52)	358	0.47
Serum Albumin - g/dL, Median (IQR)	3 (2.7-3.4)	255	3.4 (3-3.7)	635	<0.001
Venous lactate - mmol/L, Median (IQR)	1.8 (1.3-2.6)	108	1.3 (1.1-1.8)	236	<0.001
Number of patients >1.5 mmol/L, n (%)	74 (69)	108	88 (37)	236	<0.001
Inflammatory Marl	kers				
C-Reactive Protein - mg/L, Median (IQR)	162 (75.7-266)	141	79.3 (37.5- 144)	422	<0.001
Ferritin -ng/L, Median (IQR)	798 (397- 2020)	146	509 (235-987)	410	<0.001
Procalcitonin - ng/mL, Median (IQR)	0.44 (0.16- 1.45)	138	0.09 (0.05- 0.22)	392	<0.001
Number of patients >0.49, n (%)	67 (49)	138	46 (12)	392	<0.001
Number of patients <0.15, n (%)	34 (25)	138	263 (67)	392	<0.001
Lactate Dehydrogenase - U/L, Median (IQR)	517(371-756)	134	347 (272-448)	419	<0.001
Creatinine Kinase - U/L, Median (IQR)	472 (139-940)	74	154 (84-319)	126	<0.001
D-Dimer - ug/mL, Median (IQR)	2.41 (1.18- 3.79)	117	0.93 (0.58- 1.61)	282	<0.001

Number of patients >2.0, n 66(5 (%)	6) 117	59 (21)	282	<0.001	
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Baseline values are defined as first values on hospitalization. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.



**Table 3.** Selected characteristics for hospitalized COVID-19 patients before transfer to Intensive care stratified by in-hospital mortality (N= 385). Continuous and categorical variables were compared using a Wilcoxon test and Fisher exact test, respectively.

	Patients with In-Hospital Mortality who Required Intensive Care (n=121)	N with characteristic available	Patients who were discharged alive but Required Intensive Care (n=264)	N with characteristic available	
Vital Signs, n (%)					
Number of patients with heart rate >100 Beats per min, n (%)	45 (38)		51 (19)		<0.001
Number of patients with temperature >100.4F, n (%)	21 (18)	118	54 (20)	264	0.294
Systolic Blood Pressure < 100 mm of Hg	27 (22)		10 (4)		<0.001
Admission Laborator	y Parameters, N	Median (IQR)			
White Blood Cell Count -K/uL, Median (IQR)	10.1 (6.3- 14.7)	111	5.6 (4.3-7.7)	258	<0.001
Number of patients >10-K/uL, n (%)	58 (52)	111	28 (11)	258	<0.001
Number of patients <4, n (%)	6 (5)	111	54 (21)	258	<0.001
Hemoglobin - g/dL, Median (IQR)	12.1 (10.4- 13.8)	111	13 (11.5-14.2)	258	<0.001
Platelet Count - K/uL, Median (IQR)	185 (146-230)	111	191(153-248)	258	0.308
Lymphocyte Count - K/uL, Median (IQR)	0.8 (0.6-1.25)	91	1 (0.75-1.4)	239	0.003
Lymphocyte Percentage, Median (IQR)	9.6 (5.5-17.2)	103	16.6 (12-26.4)	251	<0.001
Prothrombin Time - sec, Median (IQR)	14.9 (13.8- 16.7)	63	13.7(13.2- 14.7)	97	<0.001

Activated Partial Thromboplastin Time - sec, Median (IQR)	34 (30.6-38.2)	62	31.4 (29.4-35)	96	0.027
Serum Sodium - mEq/L, Median (IQR)	137 (135-140)	114	137 (135-140)	237	0.449
Serum Potassium - mEq/L, Median (IQR)	4.3 (4-4.9)	112	4.1 (3.8-4.4)	237	<0.001
Serum Creatinine - mg/dL, Median (IQR)	1.5 (0.94-2.4)	114	0.8 (0.7-1.1)	261	<0.001
Aspartate aminotransferase - U/L, Median (IQR)	62 (36.2-105)	106	35 (26-54.5)	236	<0.001
Alanine aminotransferase - U/L, Median (IQR)	28 (16-54)	56	28 (19-52)	215	0.514
Serum Albumin - g/dL, Median (IQR)	2.7 (2.3-3.2)	107	3.3 (2.9-3.6)	236	<0.001
Venous lactate - mmol/L, Median (IQR)	1.55 (1.02- 2.15)	34	1.3 (1.1-1.7)	49	0.157
Number of patients >1.5 mmol/L, n (%)	19 (56)	34	20 (41)	49	0.157
Inflammatory Markers	S				
C-Reactive Protein - mg/L, Median (IQR)	220 (113-297)	80	75.6 (36.2- 134)	182	<0.001
Ferritin -ng/L, Median (IQR)	920 (470- 2220)	76	503 (266- 1020)	187	<0.001
Procalcitonin - ng/mL, Median (IQR)	1.02 (0.20- 4.5)	58	0.08 (0.05- 0.22)	163	<0.001
Number of patients >0.49, n (%)	34 (59)	58	17 (10)	163	<0.001
Number of patients <0.15, n (%)	11 (19)	58	106 (65)	163	<0.001
Lactate Dehydrogenase -U/L, Median (IQR)	513 (399-729)	67	333 (274-422)	188	<0.001

Creatinine Kinase - U/L, Median (IQR)	659 (305- 1450)	42	146 (60-268)	73	<0.001
D-Dimer -ug/mL, Median (IQR)	2.7 (1.6-5.8)	57	0.83 (0.5-1.6)	127	<0.001
Number of patients >2.0, n (%)	36 (63)	57	28 (22)	127	<0.001

All values are closest values in twenty-four hours prior to ICU admission. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.

## References

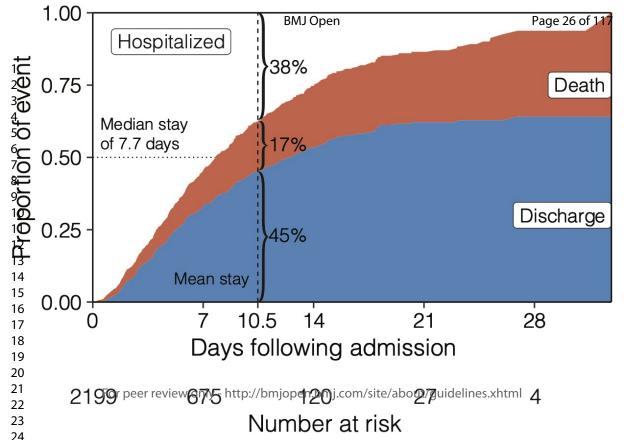
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#### **Author Contributions:**

I.P., A.J.R., J.F.D., A.L., A.V., K.W.J, S.S., A.K., R.O., S.M., U.N., S.J., A.K., P.T., J.J., A.F. developed and performed the analysis. P.G., M.A.L., J.F., J.A.A., E.B., C.R.H., B.M. critically appraised the manuscript and helped acquire data. I.P., A.L., A.J.R., J.F.D., R.M., M.D., E.G., D.M., P.F.O., L.M.H., R.F., P.K., V.F., E.P.B., J.N., E.J.N. C.C., D.S.C., D.L.R., supervised the project I.P., A.L., A.J.R., J.F.D., G.N.N, B.S.G, A.W.C, A.C.J drafted the manuscript





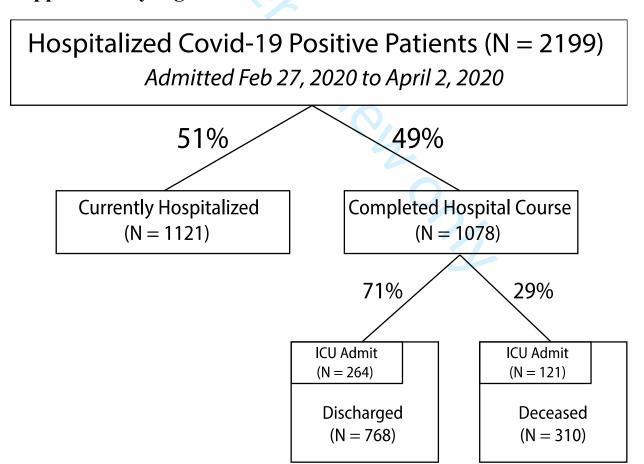
## **Supplementary Material**

## **Supplementary Methods**

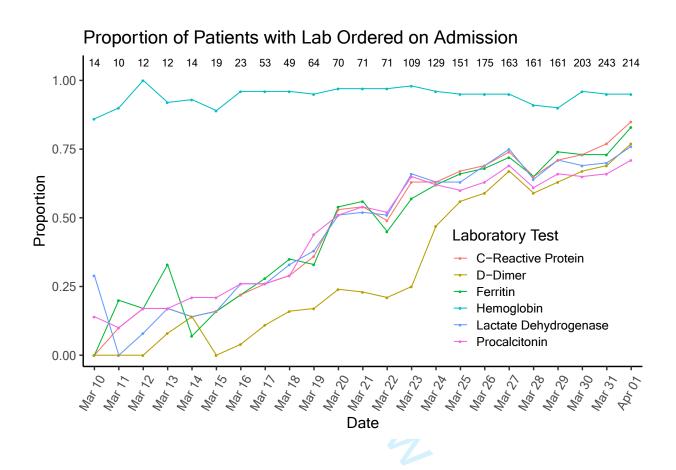
## Mount Sinai Covid Informatics Center (MSCIC) Data Platform

This dataset of clinical data is the first part of a larger effort that aims to create an heterogeneous collection of COVID-19 patient data. This effort brings together different stakeholders from MSHS, including research faculty, data scientists, clinicians, and hospital administrators, among others. The resulting dataset includes or will include longitudinal electronic health record (EHR) patient clinical data, multi-omics, such as genomics, imaging, such as chest CT scans, among others. The data, which are updated on a daily basis, is made available within a secure computational framework based on internal Microsoft Azure Cloud to researchers and analysts within the MSHS and the Icahn School of Medicine at Mount Sinai. This dataset is intended to foster research projects to improve the knowledge of this disease and augment clinical operations with machine intelligence.

## **Supplementary Figures**



**Supplementary Figure 1:** Flowchart of patients included in study cohort. All patients had a confirmed COVID-19 qPCR from a nasopharyngeal swab. Patients were stratified by completion of hospital course.



**Supplementary Figure 2** Trends in laboratory test orders per day. Tests that compromised the Mount Sinai Health System COVID-19 special order (C-reactive protein, d-dimer, ferritin, hemoglobin, lactate dehydrogenase, procalcitonin) set were included. Number of orders of hemoglobin were also included as a comparison. We only included dates in which there were at least 10 COVID-19 patients admitted (i.e., 03/10/2020). We included data up to 04/01/2020 to leave a full 24 hours for the tests to be ordered.

DIAGNOSIS	CODE	TYPE	DESCRIPTION
Atrial fibrillation	427.3		Atrial fibrillation and flutter
Atrial fibrillation	427.31		Atrial fibrillation
Atrial fibrillation	427.32	ICD9	Atrial flutter
Atrial fibrillation	148	ICD10	Atrial fibrillation and flutter
Atrial fibrillation	148.0	ICD10	Paroxysmal atrial fibrillation
Atrial fibrillation	148.1	ICD10	Persistent atrial fibrillation
Atrial fibrillation	148.2	ICD10	Chronic atrial fibrillation
Atrial fibrillation	148.3	ICD10	Typical atrial flutter
Atrial fibrillation	148.4	ICD10	Atypical atrial flutter
Atrial fibrillation			Unspecified atrial fibrillation
Atrial fibrillation	148.92	ICD10	Unspecified atrial flutter
Asthma	493	ICD9	Asthma
Asthma	493	ICD9	Extrinsic asthma
			Extrinsic asthma without mention of
Asthma	493	ICD9	status asthmaticus
Asthma	493.01	ICD9	Extrinsic asthma with status asthmaticus
Asthma	493.02	ICD9	Extrinsic asthma with acute exacerbation
Asthma	493.1	ICD9	Intrinsic asthma
			Intrinsic asthma without mention of
Asthma	493.1	ICD9	status asthmaticus
Asthma	493.11	ICD9	Intrinsic asthma with status asthmaticus
Asthma	493.12	ICD9	Intrinsic asthma with acute exacerbation
Asthma	493.2	ICD9	Chronic obstructive asthma
Asthma	493.2	ICD9	Chronic obstructive asthma
Asthma	493.21	ICD9	Chronic obstructive asthma
Asthma	493.22	ICD9	Chronic obstructive asthma
Asthma	493.8	ICD9	Other forms of asthma
Asthma	493.81	ICD9	Exercise induced bronchospasm
Asthma	493.82	ICD9	Cough variant asthma
Asthma	493.9	ICD9	Asthma
Asthma	493.9	ICD9	Asthma
Asthma	493.91	ICD9	Asthma
Asthma	493.92	ICD9	Asthma
Asthma	J45.0	ICD10	Asthma
Asthma	J45.20	ICD10	Mild intermittent asthma
			Mild intermittent asthma with (acute)
Asthma	J45.21	ICD10	exacerbation
			Mild intermittent asthma with status
Asthma	J45.22	ICD10	asthmaticus

r			
Asthma	J45.30	ICD10	Mild persistent asthma
			Mild persistent asthma with (acute)
Asthma	J45.31	ICD10	exacerbation
			Mild persistent asthma with status
Asthma	J45.32	ICD10	asthmaticus
Asthma	J45.40	ICD10	Moderate persistent asthma
			Moderate persistent asthma with (acute)
Asthma	J45.41	ICD10	exacerbation
			Moderate persistent asthma with status
Asthma	J45.42	ICD10	asthmaticus
Asthma	J45.50	ICD10	Severe persistent asthma
			Severe persistent asthma with (acute)
Asthma	J45.51	ICD10	exacerbation
		4	Severe persistent asthma with status
Asthma	J45.52	ICD10	asthmaticus
Asthma	J45.90	ICD10	Unspecified asthma
			Unspecified asthma with (acute)
Asthma	J45.901	ICD10	exacerbation
			Unspecified asthma with status
Asthma	J45.902	ICD10	asthmaticus
Asthma	J45.909	ICD10	Unspecified asthma
Asthma	J45.990	ICD10	Exercise induced bronchospasm
Asthma	J45.991	ICD10	Cough variant asthma
Asthma	J45.998	ICD10	Other asthma
Coronary artery			Acute coronary occlusion without
disease	411.81	ICD9	myocardial infarction
Coronary artery			
disease	414	ICD9	Coronary atherosclerosis
Coronary artery			Coronary atherosclerosis of unspecified
disease	414	ICD9	type of vessel
Coronary artery			Coronary atherosclerosis of native
disease	414.01	ICD9	coronary artery
Coronary artery			Coronary atherosclerosis of autologous
disease	414.02	ICD9	biological bypass graft
Coronary artery			Coronary atherosclerosis of nonautologous
disease	414.03	ICD9	biological bypass graft
Coronary artery			Coronary atherosclerosis of artery bypass
disease	414.04	ICD9	graft
Coronary artery			Coronary atherosclerosis of unspecified
disease	414.05	ICD9	type of bypass graft

Coronary artery			
disease	414.2	ICD9	Chronic total occlusion of coronary artery
Coronary artery			Coronary atherosclerosis due to lipid rich
disease	414.3	ICD9	plaque
Coronary artery			Coronary atherosclerosis due to calcified
disease	414.4	ICD9	coronary lesion
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.01	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.02	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.1	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.1	ICD9	Acute myocardial infarction
Coronary artery			1/2
disease	410.11	ICD9	Acute myocardial infarction
Coronary artery			<b>*</b> O.
disease	410.12	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.2	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.2	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.21	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.22	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.3	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.3	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.31	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.32	ICD9	Acute myocardial infarction

Coronary artery			
disease	410.4	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.4	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.41	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.42	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.5	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.5	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.51	ICD9	Acute myocardial infarction
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disease	410.52	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.6	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.6	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.61	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.62	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.7	ICD9	Acute myocardial infarction
Coronary artery			0,
disease	410.7	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.71	ICD9	Acute myocardial infarction
Coronary artery			,
disease	410.72	ICD9	Acute myocardial infarction
Coronary artery			,
disease	410.8	ICD9	Acute myocardial infarction
Coronary artery	120.0	.000	,
disease	410.8	ICD9	Acute myocardial infarction
Coronary artery	120.0	.000	
disease	410.81	ICD9	Acute myocardial infarction
Coronary artery	,10.01	.555	
disease	410.82	ICD0	Acute myocardial infarction
uisease	410.02	וכטא	Acute myocardiai imarction

Coronary artery			
disease	410.9	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.9	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.91	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.92	ICD9	Acute myocardial infarction
Coronary artery			
disease	411	ICD9	Postmyocardial infarction syndrome
Coronary artery			
disease	412	ICD9	Old myocardial infarction
Coronary artery	122 =	4.00.0	
disease	429.7	ICD9	Certain sequelae of myocardial infarction
Coronary artery	420.74	ICDO	Condition and the defeat
disease	429.71	ICD9	Cardiac septal defect
Coronary artery disease	429.79	ICDO	Other cogueles of muscardial inferction
	429.79	ICD9	Other sequelae of myocardial infarction
Coronary artery disease	12/1 ()	ICD10	Acute coronary thrombosis not resulting in myocardial infarction
Coronary artery	124.0	ICDIO	Atherosclerotic heart disease of native
disease	125.1	ICD10	coronary artery
Coronary artery	.=5.=	.02.20	Atherosclerotic heart disease of native
disease	125.10	ICD10	coronary artery without angina pectoris
			Atherosclerotic heart disease of native
Coronary artery			coronary artery with unstable angina
disease	125.110	ICD10	pectoris
			Atherosclerotic heart disease of native
Coronary artery			coronary artery with angina pectoris with
disease	125.111	ICD10	documented spasm
			Atherosclerotic heart disease of native
Coronary artery			coronary artery with other forms of
disease	125.118	ICD10	angina pectoris
			Atherosclerotic heart disease of native
Coronary artery	135 440	10040	coronary artery with unspecified angina
disease	125.119	ICD10	pectoris
Coronary artery disease	125 700	ICD10	Atherosclerosis of coronary artery bypass
	125.700	ICDIO	, ,
Coronary artery disease	125.701	ICD10	Atherosclerosis of coronary artery bypass
uisease	125.701	ICDIO	grant(s)

Coronary artery			Atherosclerosis of coronary artery bypass
disease	125.708	ICD10	
Coronary artery			Atherosclerosis of coronary artery bypass
disease	125.709	ICD10	graft(s)
			Atherosclerosis of autologous vein
Coronary artery			coronary artery bypass graft(s) with
disease	125.710	ICD10	unstable angina pectoris
			Atherosclerosis of autologous vein
Coronary artery			coronary artery bypass graft(s) with
disease	125.711	ICD10	angina pectoris with documented spasm
			Atherosclerosis of autologous vein
Coronary artery			coronary artery bypass graft(s) with other
disease	125.718	ICD10	forms of angina pectoris
			Atherosclerosis of autologous vein
Coronary artery			coronary artery bypass graft(s) with
disease	125 719	ICD10	unspecified angina pectoris
discuse	123.713	ICDIO	Atherosclerosis of autologous artery
Coronary artory			
Coronary artery	125 720	ICD10	coronary artery bypass graft(s) with
disease	125.720	ICDIO	unstable angina pectoris
Coronary artery			Athscl autologous artery CABG w ang
disease	125.721	ICD10	pctrs w documented spasm
			Atherosclerosis of autologous artery
Coronary artery			coronary artery bypass graft(s) with other
disease	125.728	ICD10	forms of angina pectoris
			Atherosclerosis of autologous artery
Coronary artery			coronary artery bypass graft(s) with
disease	125.729	ICD10	unspecified angina pectoris
			Atherosclerosis of nonautologous
Coronary artery			biological coronary artery bypass graft(s)
disease	125.730	ICD10	with unstable angina pectoris
Coronary artery			Athscl nonaut biological CABG w ang pctrs
disease	125.731	ICD10	w documented spasm
4130430	123.731	10010	·
Coronanyartony			Atherosclerosis of nonautologous
Coronary artery	125 720	ICD10	biological coronary artery bypass graft(s)
disease	125./38	ICD10	with other forms of angina pectoris
			Atherosclerosis of nonautologous
Coronary artery	_		biological coronary artery bypass graft(s)
disease	125.739	ICD10	with unspecified angina pectoris
			Atherosclerosis of other coronary artery
Coronary artery			bypass graft(s) with unstable angina
disease	125.790	ICD10	pectoris

			Atherosclerosis of other coronary artery
Coronary artery			bypass graft(s) with angina pectoris with
disease	125.791	ICD10	documented spasm
			Atherosclerosis of other coronary artery
Coronary artery			bypass graft(s) with other forms of angina
disease	125.798	ICD10	pectoris
			Atherosclerosis of other coronary artery
Coronary artery			bypass graft(s) with unspecified angina
disease	125.799	ICD10	pectoris
Coronary artery			Atherosclerosis of coronary artery bypass
disease	125.810	ICD10	graft(s) without angina pectoris
Coronary artery			
disease	125.82	ICD10	Chronic total occlusion of coronary artery
Coronary artery		4	Coronary atherosclerosis due to lipid rich
disease	125.83	ICD10	plaque
Coronary artery			Coronary atherosclerosis due to calcified
disease	125.84	ICD10	coronary lesion
Coronary artery			
disease	121	ICD10	Acute myocardial infarction
			Atrial septal defect as current
Coronary artery			complication following acute myocardial
disease	123.1	ICD10	infarction
Coronary artery			
disease	151.0	ICD10	Cardiac septal defect
Coronary artery			
disease	124.1	ICD10	Dressler's syndrome
Coronary artery			Hemopericardium as current complication
disease	123.0	ICD10	following acute myocardial infarction
Coronary artery			
disease	151.3	ICD10	Intracardiac thrombosis
Coronary artery			
disease	121.9	ICD10	Myocardial infarction (acute) NOS
Coronary artery			
disease	I21.A1	ICD10	Myocardial infarction type 2
Coronary artery			Non-ST elevation (NSTEMI) myocardial
disease	121.4	ICD10	infarction
Coronary artery			
disease	125.2	ICD10	Old myocardial infarction

Coronary artery			Other current complications following
disease	123.8	ICD10	acute myocardial infarction
Coronary artery disease	I21.A9	ICD10	Other myocardial infarction type
Coronary artery disease	I21.A	ICD10	Other type of myocardial infarction
Coronary artery disease	123.7	ICD10	Postinfarction angina
Coronary artery disease	123.3	ICD10	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
Coronary artery disease	121.02	ICD10	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
Coronary artery disease	121.21	ICD10	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
Coronary artery disease	121.01	ICD10	ST elevation (STEMI) myocardial infarction involving left main coronary artery
Coronary artery disease	121.09	ICD10	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
Coronary artery disease	121.19	ICD10	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
Coronary artery disease	121.29	ICD10	ST elevation (STEMI) myocardial infarction involving other sites
Coronary artery disease	121.11	ICD10	ST elevation (STEMI) myocardial infarction involving right coronary artery
Coronary artery disease	121.0	ICD10	ST elevation (STEMI) myocardial infarction of anterior wall
Coronary artery disease	121.1	ICD10	ST elevation (STEMI) myocardial infarction of inferior wall
Coronary artery disease	121.2	ICD10	ST elevation (STEMI) myocardial infarction of other sites
Coronary artery disease	121.3	ICD10	ST elevation (STEMI) myocardial infarction of unspecified site

Coronary artery			Subsequent non-ST elevation (NSTEMI)
disease	122.2	ICD10	myocardial infarction
			Subsequent ST elevation (STEMI) and non-
Coronary artery			ST elevation (NSTEMI) myocardial
disease	122	ICD10	infarction
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.0	ICD10	myocardial infarction of anterior wall
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.1	ICD10	myocardial infarction of inferior wall
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.8	ICD10	myocardial infarction of other sites
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.9	ICD10	myocardial infarction of unspecified site
Coronary artery			
disease	123.6	ICD10	Thrombosis of atrium
			Ventricular septal defect as current
Coronary artery			complication following acute myocardial
disease	123.2	ICD10	infarction
Cancer	140	ICD9	Malignant neoplasm of lip
Cancer	140		Malignant neoplasm of upper lip
Cancer	140.1		Malignant neoplasm of lower lip
Cancer	140.3		Malignant neoplasm of upper lip
Cancer	140.4		Malignant neoplasm of lower lip
Cancer	140.5		Malignant neoplasm of lip
Cancer	140.6	ICD9	Malignant neoplasm of commissure of lip
Cancer	140.8		Malignant neoplasm of other sites of lip
Cancer	140.9		Malignant neoplasm of lip
Cancer	141		Malignant neoplasm of tongue
Cancer	141		Malignant neoplasm of base of tongue
caricer	141	1003	Malignant neoplasm of dorsal surface of
Cancer	141.1	ICD9	tongue
Caricei	141.1	1003	Malignant neoplasm of tip and lateral
Cancer	141.2	וכטט	border of tongue
Caricei	141.2	ICDS	
Cancor	141 2	ICDO	Malignant neoplasm of ventral surface of
Cancer	141.3	ICD9	tongue
Canada	444.4	1000	Malignant neoplasm of anterior two-
Cancer	141.4	ICD9	thirds of tongue
	=		Malignant neoplasm of junctional zone of
Cancer	141.5	ICD9	tongue

Cancer	141.6	ICDa	Malignant neoplasm of lingual tonsil
Caricei	141.0	ICD3	
Cancar	141 0	ICDO	Malignant neoplasm of other sites of
Cancer	141.8		tongue  Malignant popularm of tangua
Cancer	141.9	ICD9	Malignant neoplasm of tongue
C	1.42	ICDO	Malignant neoplasm of major salivary
Cancer	142		glands
Cancer	142	ICD9	Malignant neoplasm of parotid gland
		1000	Malignant neoplasm of submandibular
Cancer	142.1		gland
Cancer	142.2	ICD9	Malignant neoplasm of sublingual gland
			Malignant neoplasm of other major
Cancer	142.8		salivary glands
Cancer	142.9		Malignant neoplasm of salivary gland
Cancer	143	ICD9	Malignant neoplasm of gum
Cancer	143	ICD9	Malignant neoplasm of upper gum
Cancer	143.1	ICD9	Malignant neoplasm of lower gum
Cancer	143.8	ICD9	Malignant neoplasm of other sites of gum
Cancer	143.9	ICD9	Malignant neoplasm of gum
Cancer	144	ICD9	Malignant neoplasm of floor of mouth
			Malignant neoplasm of anterior portion of
Cancer	144	ICD9	floor of mouth
			Malignant neoplasm of lateral portion of
Cancer	144.1	ICD9	floor of mouth
			Malignant neoplasm of other sites of floor
Cancer	144.8	ICD9	of mouth
Cancer	144.9	ICD9	Malignant neoplasm of floor of mouth
			Malignant neoplasm of other and
Cancer	145	ICD9	unspecified parts of mouth
Cancer	145		Malignant neoplasm of cheek mucosa
			Malignant neoplasm of vestibule of
Cancer	145.1	ICD9	mouth
Cancer	145.2		Malignant neoplasm of hard palate
Cancer	145.3		Malignant neoplasm of soft palate
Cancer	145.4		Malignant neoplasm of uvula
Cancer	145.5		Malignant neoplasm of palate
Cancer	145.6		Malignant neoplasm of retromolar area
Caricei	143.0	נטטו	Malignant neoplasm of other specified
Cancer	145.8	ICDO	parts of mouth
Cancer	145.9	ICD9	Malignant neoplasm of mouth

Cancer	146	ICD9	Malignant neoplasm of oropharynx
Cancer	146	ICD9	Malignant neoplasm of tonsil
Cancer	146.1	ICD9	Malignant neoplasm of tonsillar fossa
			Malignant neoplasm of tonsillar pillars
Cancer	146.2	ICD9	(anterior) (posterior)
Cancer	146.3	ICD9	Malignant neoplasm of vallecula
			Malignant neoplasm of anterior aspect of
Cancer	146.4	ICD9	epiglottis
			Malignant neoplasm of junctional region
Cancer	146.5	ICD9	of oropharynx
			Malignant neoplasm of lateral wall of
Cancer	146.6	ICD9	oropharynx
			Malignant neoplasm of posterior wall of
Cancer	146.7	ICD9	oropharynx
			Malignant neoplasm of other specified
Cancer	146.8		sites of oropharynx
Cancer	146.9		Malignant neoplasm of oropharynx
Cancer	147	ICD9	Malignant neoplasm of nasopharynx
			Malignant neoplasm of superior wall of
Cancer	147	ICD9	nasopharynx
			Malignant neoplasm of posterior wall of
Cancer	147.1	ICD9	nasopharynx
			Malignant neoplasm of lateral wall of
Cancer	147.2	ICD9	nasopharynx
			Malignant neoplasm of anterior wall of
Cancer	147.3	ICD9	nasopharynx
			Malignant neoplasm of other specified
Cancer	147.8		sites of nasopharynx
Cancer	147.9		Malignant neoplasm of nasopharynx
Cancer	148	ICD9	Malignant neoplasm of hypopharynx
			Malignant neoplasm of postcricoid region
Cancer	148		of hypopharynx
Cancer	148.1		Malignant neoplasm of pyriform sinus
Cancer	148.2	ICD9	Malignant neoplasm of aryepiglottic fold
			Malignant neoplasm of posterior
Cancer	148.3	ICD9	hypopharyngeal wall
			Malignant neoplasm of other specified
Cancer	148.8		sites of hypopharynx
Cancer	148.9	ICD9	Malignant neoplasm of hypopharynx

		1000	Malignant neoplasm of other and ill-
Cancer	149		defined sites within the lip
Cancer	149		Malignant neoplasm of pharynx
Cancer	149.1	ICD9	Malignant neoplasm of waldeyer's ring
			Malignant neoplasm of other sites within
Cancer	149.8	ICD9	the lip and oral cavity
			Malignant neoplasm of ill-defined sites
Cancer	149.9		within the lip and oral cavity
Cancer	150	ICD9	Malignant neoplasm of esophagus
			Malignant neoplasm of cervical
Cancer	150	ICD9	esophagus
			Malignant neoplasm of thoracic
Cancer	150.1	ICD9	esophagus
		4	Malignant neoplasm of abdominal
Cancer	150.2	ICD9	esophagus
			Malignant neoplasm of upper third of
Cancer	150.3	ICD9	esophagus
			Malignant neoplasm of middle third of
Cancer	150.4	ICD9	esophagus
			Malignant neoplasm of lower third of
Cancer	150.5	ICD9	esophagus
			Malignant neoplasm of other specified
Cancer	150.8	ICD9	part of esophagus
Cancer	150.9	ICD9	Malignant neoplasm of esophagus
Cancer	151		Malignant neoplasm of stomach
Cancer	151		Malignant neoplasm of cardia
Cancer	151.1		Malignant neoplasm of pylorus
Cancer	151.2		Malignant neoplasm of pyloric antrum
Cancer	151.3	ICD9	Malignant neoplasm of fundus of stomach
Cancer	151.4		Malignant neoplasm of body of stomach
			Malignant neoplasm of lesser curvature of
Cancer	151.5	ICD9	stomach
		. 32 3	Malignant neoplasm of greater curvature
Cancer	151.6	ICD9	of stomach
	252.0	.023	Malignant neoplasm of other specified
Cancer	151.8	ICDa	sites of stomach
Cancer	151.9		Malignant neoplasm of stomach
Cancer	151.9		Malignant neoplasm of colon
	153		Malignant neoplasm of hepatic flexure
Cancer	155	ICD9	ivialignant neopiasin of nepatic nexure

Cancer	153.1	ICD9	Malignant neoplasm of transverse colon
Cancer	153.1		Malignant neoplasm of descending colon
	153.2		
Cancer			Malignant neoplasm of sigmoid colon
Cancer	153.4	ICD9	Malignant neoplasm of cecum
C	452.5	ICDO	Malignant neoplasm of appendix
Cancer	153.5		vermiformis
Cancer	153.6		Malignant neoplasm of ascending colon
Cancer	153.7	ICD9	Malignant neoplasm of splenic flexure
			Malignant neoplasm of other specified
Cancer	153.8		sites of large intestine
Cancer	153.9	ICD9	Malignant neoplasm of colon
			Malignant neoplasm of other sites of
Cancer	154.8	ICD9	rectum
			Malignant neoplasm of liver and
Cancer	155	ICD9	intrahepatic bile ducts
			Malignant neoplasm of intrahepatic bile
Cancer	155.1	ICD9	ducts
Cancer	155.2	ICD9	Malignant neoplasm of liver
Cancer	157	ICD9	Malignant neoplasm of pancreas
Cancer	157	ICD9	Malignant neoplasm of head of pancreas
Cancer	157.1	ICD9	Malignant neoplasm of body of pancreas
Cancer	157.2		Malignant neoplasm of tail of pancreas
Cancer	157.3		Malignant neoplasm of pancreatic duct
			Malignant neoplasm of islets of
Cancer	157.4	ICD9	Langerhans
			Malignant neoplasm of other specified
Cancer	157.8	ICD9	sites of pancreas
Cancer	157.9		Malignant neoplasm of pancreas
Cancer	159		Malignant neoplasm of intestinal tract
Cancer	160		Malignant neoplasm of nasal cavities
Cancer	160		Malignant neoplasm of nasal cavities
Cancer	160.1		Malignant neoplasm of auditory tube
Cancer	160.2		Malignant neoplasm of maxillary sinus
Cancer	160.3		Malignant neoplasm of ethmoidal sinus
Cancer	160.4		Malignant neoplasm of frontal sinus
Cancer	160.5		Malignant neoplasm of sphenoidal sinus
Caricei	100.5	1003	Malignant neoplasm of other accessory
Cancer	160.8	ICD0	sinuses
	160.8		Malignant neoplasm of accessory sinus
Cancer			
Cancer	161	ICD9	Malignant neoplasm of larynx

Cancer	161	ICD9	Malignant neoplasm of glottis
Cancer	161.1		Malignant neoplasm of supraglottis
Cancer	161.2		Malignant neoplasm of subglottis
			Malignant neoplasm of laryngeal
Cancer	161.3	ICD9	cartilages
			Malignant neoplasm of other specified
Cancer	161.8	ICD9	sites of larynx
Cancer	161.9	ICD9	Malignant neoplasm of larynx
Cancer	162	ICD9	Malignant neoplasm of trachea
Cancer	162	ICD9	Malignant neoplasm of trachea
Cancer	162.2	ICD9	Malignant neoplasm of main bronchus
Cancer	162.3	ICD9	Malignant neoplasm of upper lobe
Cancer	162.4	ICD9	Malignant neoplasm of middle lobe
Cancer	162.5	ICD9	Malignant neoplasm of lower lobe
			Malignant neoplasm of other parts of
Cancer	162.8	ICD9	bronchus or lung
Cancer	162.9	ICD9	Malignant neoplasm of bronchus and lung
Cancer	163	ICD9	Malignant neoplasm of pleura
Cancer	163	ICD9	Malignant neoplasm of parietal pleura
Cancer	163.1	ICD9	Malignant neoplasm of visceral pleura
			Malignant neoplasm of other specified
Cancer	163.8	ICD9	sites of pleura
Cancer	163.9	ICD9	Malignant neoplasm of pleura
Cancer	164	ICD9	Malignant neoplasm of thymus
Cancer	164	ICD9	Malignant neoplasm of thymus
Cancer	164.1	ICD9	Malignant neoplasm of heart
			Malignant neoplasm of anterior
Cancer	164.2	ICD9	mediastinum
			Malignant neoplasm of posterior
Cancer	164.3	ICD9	mediastinum
			Malignant neoplasm of other parts of
Cancer	164.8	ICD9	mediastinum
Cancer	164.9	ICD9	Malignant neoplasm of mediastinum
			Malignant neoplasm of other and ill-
			defined sites within the respiratory
Cancer	165	ICD9	system and intrathoracic organs
			Malignant neoplasm of upper respiratory
Cancer	165	ICD9	tract

			Malignant neoplasm of other sites within
	465.0	1000	the respiratory system and intrathoracic
Cancer	165.8	ICD9	organs
			Malignant neoplasm of ill-defined sites
Cancer	165.9	ICD9	within the respiratory system
			Malignant neoplasm of bone and articular
Cancer	170	ICD9	cartilage
			Malignant neoplasm of bones of skull and
Cancer	170	ICD9	face
Cancer	170.1		Malignant neoplasm of mandible
Cancer	170.2	ICD9	Malignant neoplasm of vertebral column
Cancer	170.3	ICD9	Malignant neoplasm of ribs
			Malignant neoplasm of scapula and long
Cancer	170.4	ICD9	bones of upper limb
			Malignant neoplasm of short bones of
Cancer	170.5	ICD9	upper limb
Cancer	170.6	ICD9	Malignant neoplasm of pelvic bones
			Malignant neoplasm of long bones of
Cancer	170.7	ICD9	lower limb
			Malignant neoplasm of short bones of
Cancer	170.8	ICD9	lower limb
			Malignant neoplasm of bone and articular
Cancer	170.9	ICD9	cartilage
			Malignant neoplasm of connective and
Cancer	171	ICD9	other soft tissue
			Malignant neoplasm of connective and
Cancer	171	ICD9	other soft tissue of head
			Malignant neoplasm of connective and
Cancer	171.2	ICD9	other soft tissue of upper limb
			Malignant neoplasm of connective and
Cancer	171.3	ICD9	other soft tissue of lower limb
			Malignant neoplasm of connective and
Cancer	171.4	ICD9	other soft tissue of thorax
			Malignant neoplasm of connective and
Cancer	171.5	ICD9	other soft tissue of abdomen
			Malignant neoplasm of connective and
Cancer	171.6	ICD9	other soft tissue of pelvis
			Malignant neoplasm of connective and
Cancer	171.7	ICD9	other soft tissue of trunk

			Malignant neoplasm of other specified
Cancer	171.8	ICD9	sites of connective and other soft tissue
			Malignant neoplasm of connective and
Cancer	171.9	ICD9	other soft tissue
Cancer	173	ICD9	Other malignant neoplasm of skin
Cancer	173	ICD9	Other malignant neoplasm of skin of lip
Cancer	173	ICD9	Unspecified malignant neoplasm of skin of lip
Cancer	173.09	ICD9	Other specified malignant neoplasm of skin of lip
Cancer	173.1		Other malignant neoplasm of skin of eyelid
Carroer	17,5.1	1000	cyclid
Cancer	173.1	ICD9	Unspecified malignant neoplasm of eyelid
Cancer	173.19	ICD9	Other specified malignant neoplasm of eyelid
Cancer	173.2		Other malignant neoplasm of skin of ear and external auditory canal
Cancer	173.2	ICD9	Unspecified malignant neoplasm of skin of ear and external auditory canal
Cancer	173.29	ICD9	Other specified malignant neoplasm of skin of ear and external auditory canal
Cancer	173.3	ICD9	Other malignant neoplasm of skin of other and unspecified parts of face
Cancer	173.3	ICD9	Unspecified malignant neoplasm of skin of other and unspecified parts of face
Cancer	173.39	ICD9	Other specified malignant neoplasm of skin of other and unspecified parts of face
Cancer	173.4	ICD9	Other malignant neoplasm of scalp and skin of neck
Cancer	173.4	ICD9	Unspecified malignant neoplasm of scalp and skin of neck
Cancer	173.49	ICD9	Other specified malignant neoplasm of scalp and skin of neck
Cancer	173.5	ICD9	Other malignant neoplasm of skin of trunk
Cancer	173.5	ICD9	Unspecified malignant neoplasm of skin of trunk

			Other specified malignant neoplasm of
Cancer	173.59	ICD9	skin of trunk
Currect	173.33	1000	Other malignant neoplasm of skin of
Cancer	173.6	ICD9	upper limb
Carreer	175.0	1000	Unspecified malignant neoplasm of skin
Cancer	173.6	ICD9	of upper limb
-			Other specified malignant neoplasm of
Cancer	173.69	ICD9	skin of upper limb
			Other malignant neoplasm of skin of
Cancer	173.7	ICD9	lower limb
			Unspecified malignant neoplasm of skin
Cancer	173.7	ICD9	of lower limb
			Other specified malignant neoplasm of
Cancer	173.79	ICD9	skin of lower limb
			Other malignant neoplasm of other
Cancer	173.8	ICD9	specified sites of skin
			Unspecified malignant neoplasm of other
Cancer	173.8	ICD9	specified sites of skin
			Other specified malignant neoplasm of
Cancer	173.89	ICD9	other specified sites of skin
Cancer	173.9	ICD9	Other malignant neoplasm of skin
Cancer	173.9	ICD9	Unspecified malignant neoplasm of skin
			Other specified malignant neoplasm of
Cancer	173.99	ICD9	skin
Cancer	175	ICD9	Malignant neoplasm of male breast
			Malignant neoplasm of nipple and areola
Cancer	175	ICD9	of male breast
			Malignant neoplasm of other and
Cancer	175.9	ICD9	unspecified sites of male breast
Cancer	180	ICD9	Malignant neoplasm of cervix uteri
Cancer	180		Malignant neoplasm of endocervix
Cancer	180.1	ICD9	Malignant neoplasm of exocervix
			Malignant neoplasm of other specified
Cancer	180.8		sites of cervix
Cancer	180.9		Malignant neoplasm of cervix uteri
Cancer	184		Malignant neoplasm of vagina
Cancer	184.1		Malignant neoplasm of labia majora
Cancer	184.2		Malignant neoplasm of labia minora
Cancer	184.3		Malignant neoplasm of clitoris
Cancer	184.4	ICD9	Malignant neoplasm of vulva

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Cancer	185	ICD9	Malignant neoplasm of prostate
			Malignant neoplasm of penis and other
Cancer	187	ICD9	male genital organs
Cancer	190	ICD9	Malignant neoplasm of eye
Cancer	190	ICD9	Malignant neoplasm of eyeball
Cancer	190.1	ICD9	Malignant neoplasm of orbit
Cancer	190.2	ICD9	Malignant neoplasm of lacrimal gland
Cancer	190.3	ICD9	Malignant neoplasm of conjunctiva
Cancer	190.4	ICD9	Malignant neoplasm of cornea
Cancer	190.5	ICD9	Malignant neoplasm of retina
Cancer	190.6	ICD9	Malignant neoplasm of choroid
Cancer	190.7	ICD9	Malignant neoplasm of lacrimal duct
			Malignant neoplasm of other specified
Cancer	190.8	ICD9	sites of eye
Cancer	190.9	ICD9	Malignant neoplasm of eye
Cancer	191		Malignant neoplasm of brain
Cancer	191		Malignant neoplasm of cerebrum
Cancer	191.1	ICD9	Malignant neoplasm of frontal lobe
Cancer	191.2		Malignant neoplasm of temporal lobe
Cancer	191.3		Malignant neoplasm of parietal lobe
Cancer	191.4		Malignant neoplasm of occipital lobe
Cancer	191.5		Malignant neoplasm of ventricles
Cancer	191.6		Malignant neoplasm of cerebellum NOS
Cancer	191.7		Malignant neoplasm of brain stem
			Malignant neoplasm of other parts of
Cancer	191.8	ICD9	brain
Cancer	191.9		Malignant neoplasm of brain
			Malignant neoplasm of other and
Cancer	192	ICD9	unspecified parts of nervous system
Cancer	192		Malignant neoplasm of cranial nerves
Cancer	192.1	ICD9	   Malignant neoplasm of cerebral meninges
Cancer	192.2		Malignant neoplasm of spinal cord
Cancer	192.3		Malignant neoplasm of spinal meninges
	132.3		Malignant neoplasm of other specified
Cancer	192.8	ICD9	sites of nervous system
Cancer	192.9		Malignant neoplasm of nervous system
Cancer	193		Malignant neoplasm of thyroid gland
	133	1000	Malignant neoplasm of other endocrine
Cancer	194	ICDa	glands and related structures
Caricei	194	וכטא	Bianas and related structures

Cancer	194	ICD9	Malignant neoplasm of adrenal gland
Cancer	194.1	ICD9	Malignant neoplasm of parathyroid gland
			Malignant neoplasm of pituitary gland
Cancer	194.3	ICD9	and craniopharyngeal duct
Cancer	194.4	ICD9	Malignant neoplasm of pineal gland
Cancer	194.5	ICD9	Malignant neoplasm of carotid body
			Malignant neoplasm of aortic body and
Cancer	194.6	ICD9	other paraganglia
			Malignant neoplasm of other endocrine
Cancer	194.8	ICD9	glands and related structures
Cancer	194.9	ICD9	Malignant neoplasm of endocrine gland
Cancer	195.1	ICD9	Malignant neoplasm of thorax
		4	Other malignant neoplasms of lymphoid
Cancer	202	ICD9	and histiocytic tissue
Cancer	202.3	ICD9	Malignant histiocytosis
Cancer	202.3	ICD9	Malignant histiocytosis
			Malignant histiocytosis involving lymph
Cancer	202.31	ICD9	nodes of head
			Malignant histiocytosis involving
Cancer	202.32	ICD9	intrathoracic lymph nodes
			Malignant histiocytosis involving intra-
Cancer	202.33	ICD9	abdominal lymph nodes
			Malignant histiocytosis involving lymph
Cancer	202.34	ICD9	nodes of axilla and upper limb
			Malignant histiocytosis involving lymph
Cancer	202.35	ICD9	nodes of inguinal region and lower limb
			Malignant histiocytosis involving
Cancer	202.36		intrapelvic lymph nodes
Cancer	202.37	ICD9	Malignant histiocytosis involving spleen
			Malignant histiocytosis involving lymph
Cancer	202.38		nodes of multiple sites
Cancer	202.5		Letterer-Siwe disease
Cancer	202.5	ICD9	Letterer-Siwe disease
			Letterer-Siwe disease involving lymph
Cancer	202.51	ICD9	nodes of head
			Letterer-Siwe disease involving
Cancer	202.52	ICD9	intrathoracic lymph nodes
			Letterer-Siwe disease involving intra-
Cancer	202.53	ICD9	abdominal lymph nodes

	200 - 4		Letterer-Siwe disease involving lymph
Cancer	202.54	ICD9	nodes of axilla and upper limb
			Letterer-Siwe disease involving lymph
Cancer	202.55	ICD9	nodes of inguinal region and lower limb
			Letterer-Siwe disease involving intrapelvic
Cancer	202.56	ICD9	lymph nodes
Cancer	202.57	ICD9	Letterer-Siwe disease involving spleen
			Letterer-Siwe disease involving lymph
Cancer	202.58	ICD9	nodes of multiple sites
Cancer	202.6	ICD9	Malignant mast cell tumors
Cancer	202.6	ICD9	Malignant mast cell tumors
			Malignant mast cell tumors involving
Cancer	202.61	ICD9	lymph nodes of head
		4	Malignant mast cell tumors involving
Cancer	202.62	ICD9	intrathoracic lymph nodes
			Malignant mast cell tumors involving intra-
Cancer	202.63	ICD9	abdominal lymph nodes
			Malignant mast cell tumors involving
Cancer	202.64	ICD9	lymph nodes of axilla and upper limb
			Malignant mast cell tumors involving
			lymph nodes of inguinal region and lower
Cancer	202.65	ICD9	
			Malignant mast cell tumors involving
Cancer	202.66	ICD9	intrapelvic lymph nodes
			Malignant mast cell tumors involving
Cancer	202.67	ICD9	spleen
			Malignant mast cell tumors involving
Cancer	202.68	ICD9	lymph nodes of multiple sites
			Malignant carcinoid tumors of the
Cancer	209.1	ICD9	appendix
			Malignant carcinoid tumor of the large
Cancer	209.1	ICD9	intestine
Carreer	203.1	1000	Malignant carcinoid tumor of the
Cancer	209.11	ICDa	appendix
Cancer	209.11		Malignant carcinoid tumor of the cecum
Caricei	203.12	1003	Malignant carcinoid tumor of the
Cancer	209.13	ICDO	ascending colon
Caricei	203.13	וכטא	
Cancor	209.14	ICDO	Malignant carcinoid tumor of the transverse colon
Cancer	209.14	ICD9	נו מווטעבו שב נטוטוו

			Malignant carcinoid tumor of the
Cancer	209.15	ICD9	descending colon
			Malignant carcinoid tumor of the sigmoid
Cancer	209.16	ICD9	colon
			Malignant carcinoid tumors of other and
Cancer	209.2	ICD9	unspecified sites
			Malignant carcinoid tumor of unknown
Cancer	209.2	ICD9	primary site
			Malignant carcinoid tumor of the
Cancer	209.21	ICD9	bronchus and lung
Cancer	209.22	ICD9	Malignant carcinoid tumor of the thymus
Cancer	209.23	ICD9	Malignant carcinoid tumor of the stomach
Cancer	209.24	ICD9	Malignant carcinoid tumor of the kidney
Cancer	209.29	ICD9	Malignant carcinoid tumors of other sites
			Malignant poorly differentiated
Cancer	209.3	ICD9	neuroendocrine tumors
			Malignant poorly differentiated
Cancer	209.3	ICD9	neuroendocrine carcinoma
			Merkel cell carcinoma of the face
Cancer	209.31	ICD9	(ADDED)
			Merkel cell carcinoma of the scalp & neck
Cancer	209.32	ICD9	(ADDED)
			Merkel cell carcinoma of the upper limb
Cancer	209.33	ICD9	(ADDED)
	200.04		Merkel cell carcinoma of the lower limb
Cancer	209.34	ICD9	(ADDED)
Company	200.25	ICDO	Merkel cell carcinoma of the trunk
Cancer	209.35	ICD9	(ADDED)
Canaar	200.26	ICDO	Merkel cell carcinoma of other sites
Cancer	209.36		(ADDED)
Cancer	209.7		Secondary neuroendocrine tumor  Merkel cell carcinoma
Cancer Cancer	209.75 230		Carcinoma in situ of lip
Cancer	230.1		Carcinoma in situ of ip
Cancer	230.1		Carcinoma in situ of esophagus  Carcinoma in situ of stomach
Cancer	230.2		Carcinoma in situ of stomach
Curicci	230.3	1003	Carcinoma in situ of liver and biliary
Cancer	230.8	ICDa	system
Caricei	230.0	וכטיי	зуэсстт -

Cancer	231	ICD9	Carcinoma in situ of respiratory system
Cancer	231	ICD9	Carcinoma in situ of larynx
Cancer	231.1	ICD9	Carcinoma in situ of trachea
Cancer	231.2	ICD9	Carcinoma in situ of bronchus and lung
			Carcinoma in situ of other specified parts
Cancer	231.8	ICD9	of respiratory system
Cancer	231.9	ICD9	Carcinoma in situ of respiratory system
Cancer	232	ICD9	Carcinoma in situ of skin
			Carcinoma in situ of breast and
Cancer	233	ICD9	genitourinary system
Cancer	233	ICD9	Carcinoma in situ of breast
			Carcinoma in situ of other and unspecified
Cancer	233.3	ICD9	female genital organs
		<u> </u>	Carcinoma in situ of unspecified female
Cancer	233.3	ICD9	genital organ
Cancer	233.31		Carcinoma in situ of vagina
Cancer	233.32		Carcinoma in situ of vulva
			Carcinoma in situ of other female genital
Cancer	233.39	ICD9	organ
Cancer	233.4		Carcinoma in situ of prostate
Cancer	233.5		Carcinoma in situ of penis
			Carcinoma in situ of other and unspecified
Cancer	233.6	ICD9	male genital organs
Cancer	233.7		Carcinoma in situ of bladder
			Carcinoma in situ of other and unspecified
Cancer	233.9	ICD9	urinary organs
			Carcinoma in situ of other and unspecified
Cancer	234	ICD9	·
Cancer	234	ICD9	Carcinoma in situ of eye
Cancer	234.8		Carcinoma in situ of other specified sites
Cancer	234.9		Carcinoma in situ
Cancer	236	ICD9	Neoplasm of uncertain behavior of uterus
			Neoplasm of uncertain behavior of
Cancer	236.1	ICD9	placenta
Cancer	236.2		Neoplasm of uncertain behavior of ovary
	233.2	.000	Neoplasm of uncertain behavior of other
Cancer	236.3	ICD9	and unspecified female genital organs
	230.3	1000	Neoplasm of uncertain behavior of
Cancer	236.7	ICDa	bladder
Caricei	230.7	וכטא	biddel

			Neoplasm of unspecified nature of
Cancer	239.4	ICD9	bladder
Cancer	338.3	ICD9	Neoplasm related pain (acute) (chronic)
Cancer	795.82	ICD9	Elevated cancer antigen 125 [CA 125]
			Personal history of malignant neoplasm of
Cancer	V10.01	ICD10	tongue
			Personal history of malignant neoplasm of
Cancer	V10.03	ICD10	esophagus
			Personal history of malignant neoplasm of
Cancer	V10.04	ICD10	stomach
<b>←</b>			Personal history of malignant neoplasm of
Cancer	V10.05	ICD10	large intestine
			Personal history of malignant neoplasm of
Cancer	V10.1	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	V10.11	ICD10	bronchus and lung
		(	Personal history of malignant neoplasm of
Cancer	V10.12	ICD10	trachea
Camaan	V40.2	ICD10	Personal history of malignant neoplasm of
Cancer	V10.2	ICDIO	other respiratory and intrathoracic organs
Canaar	V10 20	ICD10	Personal history of malignant neoplasm of
Cancer	V10.20	ICDIO	unspecified respiratory organ
Cancer	V10.21	ICD10	Personal history of malignant neoplasm of
Cancer	V10.21	ICDIO	Personal history of malignant neoplasm of
Cancer	V10 22	ICD10	nasal cavities
Currect	V10.22	ICDIO	Tidadi cavitics
			Personal history of malignant neoplasm of
Cancer	V10.29	ICD10	other respiratory and intrathoracic organs
			Personal history of malignant neoplasm of
Cancer	V10.41	ICD10	cervix uteri
			Personal history of malignant neoplasm of
Cancer	V10.46	ICD10	prostate
			Personal history of malignant neoplasm of
Cancer	V10.48	ICD10	epididymis .
			Personal history of malignant neoplasm of
Cancer	V10.52	ICD10	kidney
			Personal history of other lymphatic and
Cancer	V10.7	ICD10	hematopoietic neoplasms

			Personal history of other lymphatic and
Cancer	V10.79	ICD10	hematopoietic neoplasms
			Personal history of malignant neoplasm of
Cancer	V10.81	ICD10	
			Personal history of other malignant
Cancer	V10.83	ICD10	neoplasm of skin
			Personal history of malignant neoplasm of
Cancer	V10.84	ICD10	eye
			Personal history of malignant neoplasm of
Cancer	V10.85	ICD10	brain
			Personal history of malignant neoplasm of
Cancer	V10.86	ICD10	other parts of nervous system
			Personal history of malignant neoplasm of
Cancer	V10.87	ICD10	thyroid
			Personal history of malignant neoplasm of
			other endocrine glands and related
Cancer	V10.88	ICD10	structures
Cancer	C00	ICD10	Malignant neoplasm of lip
Cancer	C00.0	ICD10	Malignant neoplasm of external upper lip
Cancer	C00.1	ICD10	Malignant neoplasm of external lower lip
Cancer	C00.2	ICD10	Malignant neoplasm of external lip
Cancer	C00.3	ICD10	Malignant neoplasm of upper lip
Cancer	C00.4	ICD10	Malignant neoplasm of lower lip
Cancer	C00.5	ICD10	Malignant neoplasm of lip
			0,
Cancer	C00.6	ICD10	Malignant neoplasm of commissure of lip
			Malignant neoplasm of overlapping sites
Cancer	C00.8	ICD10	of lip
Cancer	C00.9	ICD10	Malignant neoplasm of lip
Cancer	C01	ICD10	Malignant neoplasm of base of tongue
			Malignant neoplasm of other and
Cancer	C02	ICD10	unspecified parts of tongue
			Malignant neoplasm of dorsal surface of
Cancer	C02.0	ICD10	tongue
Cancer			Malignant neoplasm of border of tongue
			Malignant neoplasm of ventral surface of
Cancer	C02.2	ICD10	tongue
	552.2		·- U

			Malignant neoplasm of anterior two-
Cancer	C02.3	ICD10	thirds of tongue
Cancer			Malignant neoplasm of lingual tonsil
			Malignant neoplasm of overlapping sites
Cancer	C02.8	ICD10	of tongue
Cancer			Malignant neoplasm of tongue
Cancer			Malignant neoplasm of gum
Cancer			Malignant neoplasm of upper gum
Cancer	C03.1	ICD10	Malignant neoplasm of lower gum
Cancer			Malignant neoplasm of gum
Cancer			Malignant neoplasm of floor of mouth
			Malignant neoplasm of anterior floor of
Cancer	C04.0	ICD10	mouth
		4	Malignant neoplasm of lateral floor of
Cancer	C04.1	ICD10	mouth
			Malignant neoplasm of overlapping sites
Cancer	C04.8	ICD10	of floor of mouth
Cancer	C04.9	ICD10	Malignant neoplasm of floor of mouth
Cancer	C05	ICD10	Malignant neoplasm of palate
Cancer	C05.0	ICD10	Malignant neoplasm of hard palate
Cancer	C05.1	ICD10	Malignant neoplasm of soft palate
Cancer	C05.2	ICD10	Malignant neoplasm of uvula
			Malignant neoplasm of overlapping sites
Cancer	C05.8	ICD10	of palate
Cancer	C05.9	ICD10	Malignant neoplasm of palate
			Malignant neoplasm of other and
Cancer			unspecified parts of mouth
Cancer	C06.0	ICD10	Malignant neoplasm of cheek mucosa
			Malignant neoplasm of vestibule of
Cancer	-		mouth
Cancer	C06.2	ICD10	Malignant neoplasm of retromolar area
			Malignant neoplasm of overlapping sites
Cancer	C06.8	ICD10	of other and unspecified parts of mouth
			Malignant neoplasm of overlapping sites
Cancer	C06.80	ICD10	of unspecified parts of mouth
			Malignant neoplasm of overlapping sites
Cancer	C06.89	ICD10	of other parts of mouth
Cancer	C06.9	ICD10	Malignant neoplasm of mouth
Cancer	C07	ICD10	Malignant neoplasm of parotid gland

			Malignant neoplasm of other and
Cancer	C08	ICD10	unspecified major salivary glands
			Malignant neoplasm of submandibular
Cancer	C08.0	ICD10	
Cancer	1		Malignant neoplasm of sublingual gland
			Malignant neoplasm of major salivary
Cancer	C08.9	ICD10	
Cancer			Malignant neoplasm of tonsil
Cancer	1		Malignant neoplasm of tonsillar fossa
			Malignant neoplasm of tonsillar pillar
Cancer	C09.1	ICD10	(anterior) (posterior)
			Malignant neoplasm of overlapping sites
Cancer	C09.8	ICD10	of tonsil
Cancer	C09.9	ICD10	Malignant neoplasm of tonsil
Cancer	C10	ICD10	Malignant neoplasm of oropharynx
Cancer	C10.0	ICD10	Malignant neoplasm of vallecula
			Malignant neoplasm of anterior surface of
Cancer	C10.1	ICD10	epiglottis
			Malignant neoplasm of lateral wall of
Cancer	C10.2	ICD10	oropharynx
			Malignant neoplasm of posterior wall of
Cancer	C10.3	ICD10	oropharynx
Cancer	C10.4	ICD10	Malignant neoplasm of branchial cleft
			Malignant neoplasm of overlapping sites
Cancer	C10.8	ICD10	of oropharynx
Cancer	C10.9	ICD10	Malignant neoplasm of oropharynx
Cancer	C11	ICD10	Malignant neoplasm of nasopharynx
			Malignant neoplasm of superior wall of
Cancer	C11.0	ICD10	nasopharynx
			Malignant neoplasm of posterior wall of
Cancer	C11.1	ICD10	nasopharynx
			Malignant neoplasm of lateral wall of
Cancer	C11.2	ICD10	nasopharynx
			Malignant neoplasm of anterior wall of
Cancer	C11.3	ICD10	nasopharynx
			Malignant neoplasm of overlapping sites
Cancer	C11.8	ICD10	of nasopharynx
Cancer	C11.9	ICD10	Malignant neoplasm of nasopharynx
Cancer			Malignant neoplasm of pyriform sinus
Cancer	C13	ICD10	Malignant neoplasm of hypopharynx

Cancer	C13.0	ICD10	Malignant neoplasm of postcricoid region
Cancer	<u> </u>		Malignant neoplasm of aryepiglottic fold
	013.1	10010	Malignant neoplasm of posterior wall of
Cancer	C13.2	ICD10	hypopharynx
	0_0	.02.20	Malignant neoplasm of overlapping sites
Cancer	C13.8	ICD10	of hypopharynx
Cancer			Malignant neoplasm of hypopharynx
	0.000		Malignant neoplasm of other and ill-
Cancer	C14	ICD10	defined sites in the lip
Cancer			Malignant neoplasm of pharynx
Cancer			Malignant neoplasm of Waldeyer's ring
			Malignant neoplasm of overlapping sites
Cancer	C14.8	ICD10	
Cancer			Malignant neoplasm of esophagus
			Malignant neoplasm of upper third of
Cancer	C15.3	ICD10	esophagus
			Malignant neoplasm of middle third of
Cancer	C15.4	ICD10	esophagus
			Malignant neoplasm of lower third of
Cancer	C15.5	ICD10	esophagus
			Malignant neoplasm of overlapping sites
Cancer	C15.8	ICD10	of esophagus
Cancer	C15.9	ICD10	Malignant neoplasm of esophagus
Cancer	C16	ICD10	Malignant neoplasm of stomach
Cancer	C16.0	ICD10	Malignant neoplasm of cardia
Cancer	C16.1	ICD10	Malignant neoplasm of fundus of stomach
Cancer	C16.2	ICD10	Malignant neoplasm of body of stomach
Cancer	C16.3	ICD10	Malignant neoplasm of pyloric antrum
Cancer	C16.4	ICD10	Malignant neoplasm of pylorus
			Malignant neoplasm of lesser curvature of
Cancer	C16.5	ICD10	stomach
			Malignant neoplasm of greater curvature
Cancer	C16.6	ICD10	of stomach
			Malignant neoplasm of overlapping sites
Cancer	C16.8	ICD10	of stomach
Cancer			Malignant neoplasm of stomach
Cancer			Malignant neoplasm of colon
Cancer	C18.0	ICD10	Malignant neoplasm of cecum

Cancer	C18.1	ICD10	Malignant neoplasm of appendix
Cancer	C18.2	ICD10	Malignant neoplasm of ascending colon
Cancer	C18.3	ICD10	Malignant neoplasm of hepatic flexure
Cancer	C18.4	ICD10	Malignant neoplasm of transverse colon
Cancer	C18.5	ICD10	Malignant neoplasm of splenic flexure
Cancer	C18.6	ICD10	Malignant neoplasm of descending colon
Cancer	C18.7	ICD10	Malignant neoplasm of sigmoid colon
			Malignant neoplasm of overlapping sites
Cancer	C18.8	ICD10	of colon
Cancer	C18.9	ICD10	Malignant neoplasm of colon
Cancer	C21.2	ICD10	Malignant neoplasm of cloacogenic zone
			Malignant neoplasm of overlapping sites
Cancer	C21.8	ICD10	of rectum
		4	Malignant neoplasm of liver and
Cancer	C22	ICD10	intrahepatic bile ducts
Cancer			Intrahepatic bile duct carcinoma
Cancer			Malignant neoplasm of liver
Cancer	C25	ICD10	Malignant neoplasm of pancreas
Cancer			Malignant neoplasm of head of pancreas
Cancer	1		Malignant neoplasm of body of pancreas
Cancer			Malignant neoplasm of tail of pancreas
Cancer	1		Malignant neoplasm of pancreatic duct
			Malignant neoplasm of endocrine
Cancer	C25.4	ICD10	pancreas
			Malignant neoplasm of other parts of
Cancer	C25.7	ICD10	pancreas
			Malignant neoplasm of overlapping sites
Cancer	C25.8	ICD10	of pancreas
Cancer			Malignant neoplasm of pancreas
Cancer			Malignant neoplasm of intestinal tract
Cancer			Malignant neoplasm of nasal cavity
Cancer			Malignant neoplasm of middle ear
			5 .
Cancer	C31	ICD10	Malignant neoplasm of accessory sinuses
Cancer			Malignant neoplasm of maxillary sinus
Cancer			Malignant neoplasm of ethmoidal sinus
Cancer			Malignant neoplasm of frontal sinus
Cancer			Malignant neoplasm of sphenoid sinus
	552.5		Malignant neoplasm of overlapping sites
Cancer	C31.8	ICD10	of accessory sinuses
	231.0	.0210	or accessory simuses

Cancer	C31 9	ICD10	Malignant neoplasm of accessory sinus
Cancer			Malignant neoplasm of larynx
Cancer			Malignant neoplasm of glottis
Cancer			Malignant neoplasm of supraglottis
Cancer	-		Malignant neoplasm of subglottis
Curicer	C52.2	TCDIO	Widing Harre Treoplastit of Saughottis
Cancer	C32.3	ICD10	Malignant neoplasm of laryngeal cartilage
			Malignant neoplasm of overlapping sites
Cancer	C32.8	ICD10	of larynx
Cancer	C32.9	ICD10	Malignant neoplasm of larynx
Cancer			Malignant neoplasm of trachea
Cancer	C34	ICD10	Malignant neoplasm of bronchus and lung
Cancer	C34.0	ICD10	Malignant neoplasm of main bronchus
			Malignant neoplasm of unspecified main
Cancer	C34.00	ICD10	bronchus
			Malignant neoplasm of right main
Cancer	C34.01	ICD10	bronchus
			Malignant neoplasm of left main
Cancer	C34.02	ICD10	bronchus
Cancer	C34.1	ICD10	Malignant neoplasm of upper lobe
Cancer	C34.10	ICD10	Malignant neoplasm of upper lobe
Cancer	C34.11	ICD10	Malignant neoplasm of upper lobe
Cancer	C34.12	ICD10	Malignant neoplasm of upper lobe
Cancer	C34.2	ICD10	Malignant neoplasm of middle lobe
Cancer	C34.3	ICD10	Malignant neoplasm of lower lobe
Cancer	C34.30	ICD10	Malignant neoplasm of lower lobe
Cancer	C34.31	ICD10	Malignant neoplasm of lower lobe
Cancer	C34.32	ICD10	Malignant neoplasm of lower lobe
			Malignant neoplasm of overlapping sites
Cancer	C34.8	ICD10	of bronchus and lung
			Malignant neoplasm of overlapping sites
Cancer	C34.80	ICD10	of unspecified bronchus and lung
			Malignant neoplasm of overlapping sites
Cancer	C34.81	ICD10	of right bronchus and lung
			Malignant neoplasm of overlapping sites
Cancer	C34.82	ICD10	of left bronchus and lung
			Malignant neoplasm of unspecified part
Cancer	C34.9	ICD10	of bronchus or lung

			Malignant neoplasm of unspecified part
Cancer	C34.90	ICD10	of unspecified bronchus or lung
			Malignant neoplasm of unspecified part
Cancer	C34.91	ICD10	of right bronchus or lung
			Malignant neoplasm of unspecified part
Cancer	C34.92	ICD10	of left bronchus or lung
Cancer	C37	ICD10	Malignant neoplasm of thymus
Cancer	C38.0	ICD10	Malignant neoplasm of heart
			Malignant neoplasm of anterior
Cancer	C38.1	ICD10	mediastinum
•			Malignant neoplasm of posterior
Cancer	C38.2	ICD10	mediastinum
Cancer	C38.3	ICD10	Malignant neoplasm of mediastinum
Cancer	C38.4	ICD10	Malignant neoplasm of pleura
			Malignant neoplasm of overlapping sites
Cancer	C38.8	ICD10	of heart
			Malignant neoplasm of other and ill-
			defined sites in the respiratory system
Cancer	C39	ICD10	and intrathoracic organs
		10540	Malignant neoplasm of upper respiratory
Cancer	C39.0	ICD10	
Cancer	C30 0	ICD10	Malignant neoplasm of lower respiratory
Cancer	C39.9	ICDIO	Malignant neoplasm of bone and articular
Cancer	C40	ICD10	cartilage of limbs
Curicer	C+0	ICDIO	Malignant neoplasm of scapula and long
Cancer	C40.0	ICD10	bones of upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.00	ICD10	bones of unspecified upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.01	ICD10	bones of right upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.02	ICD10	bones of left upper limb
			Malignant neoplasm of short bones of
Cancer	C40.1	ICD10	upper limb
			Malignant neoplasm of short bones of
Cancer	C40.10	ICD10	unspecified upper limb
			Malignant neoplasm of short bones of
Cancer	C40.11	ICD10	right upper limb

			Malignant neoplasm of short bones of left
Cancer	C40.12	ICD10	upper limb
	0.0.122	10220	Malignant neoplasm of long bones of
Cancer	C40.2	ICD10	lower limb
			Malignant neoplasm of long bones of
Cancer	C40.20	ICD10	unspecified lower limb
			Malignant neoplasm of long bones of
Cancer	C40.21	ICD10	right lower limb
			Malignant neoplasm of long bones of left
Cancer	C40.22	ICD10	lower limb
			Malignant neoplasm of short bones of
Cancer	C40.3	ICD10	lower limb
	640.20	10040	Malignant neoplasm of short bones of
Cancer	C40.30	ICD10	unspecified lower limb
Cancor	C40 21	ICD10	Malignant neoplasm of short bones of
Cancer	C40.51	ICDIO	right lower limb
Cancer	C40 32	ICD10	Malignant neoplasm of short bones of left lower limb
Carreer	0.10.32	10010	Malignant neoplasm of overlapping sites
Cancer	C40.8	ICD10	of bone and articular cartilage of limb
			Malignant neoplasm of overlapping sites
			of bone and articular cartilage of
Cancer	C40.80	ICD10	unspecified limb
			Malignant neoplasm of overlapping sites
			of bone and articular cartilage of right
Cancer	C40.81	ICD10	limb
			Malianant na sula masta supula mina sita s
Cancer	C40.83	ICD10	Malignant neoplasm of overlapping sites of bone and articular cartilage of left limb
Cancer	C40.82	ICDIO	Malignant neoplasm of unspecified bones
Cancer	C40 9	ICD10	and articular cartilage of limb
Caricer	C+0.5	ICDIO	and articular carthage of limb
			Malignant neoplasm of unspecified bones
Cancer	C40.90	ICD10	and articular cartilage of unspecified limb
			Malignant neoplasm of unspecified bones
Cancer	C40.91	ICD10	and articular cartilage of right limb
			Malignant neoplasm of unspecified bones
Cancer	C40.92	ICD10	and articular cartilage of left limb

			Malignant neoplasm of bone and articular
Cancer	C41	ICD10	cartilage of other and unspecified sites
			Malignant neoplasm of bones of skull and
Cancer	C41.0	ICD10	face
Cancer	C41.1	ICD10	Malignant neoplasm of mandible
Cancer	C41.2	ICD10	Malignant neoplasm of vertebral column
Cancer	C41.3	ICD10	Malignant neoplasm of ribs
Cancer	C41.4	ICD10	Malignant neoplasm of pelvic bones
Cancer	C41.9	ICD10	Malignant neoplasm of bone and articular cartilage
			Other and unspecified malignant
Cancer	C44.0	ICD10	neoplasm of skin of lip
Cancer	C44.00	ICD10	Unspecified malignant neoplasm of skin of lip
			Other specified malignant neoplasm of
Cancer	C44.09	ICD10	skin of lip
			Other and unspecified malignant
Cancer	C44.1	ICD10	neoplasm of skin of eyelid
Cancer	C44.10	ICD10	Unspecified malignant neoplasm of skin of eyelid
			Unspecified malignant neoplasm of skin
Cancer	C44.101	ICD10	of unspecified eyelid
			Unspecified malignant neoplasm of skin
Cancer	C44.102	ICD10	of right eyelid
			Unspecified malignant neoplasm of skin
Cancer			of left eyelid
Cancer	C44.11	ICD10	Basal cell carcinoma of skin of eyelid
Cancer	C44.12	ICD10	Squamous cell carcinoma of skin of eyelid
			Other specified malignant neoplasm of
Cancer	C44.19	ICD10	skin of eyelid
Cancer	C44.191	ICD10	Other specified malignant neoplasm of skin of unspecified eyelid
			Other specified malignant neoplasm of
Cancer	C44.192	ICD10	skin of right eyelid
			Other specified malignant neoplasm of
Cancer	C44.199	ICD10	skin of left eyelid

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Camana	C44 200	10010	Other specified malignant neoplasm of
Cancer	C44.390	ICDIO	skin of unspecified parts of face
Camaan	C44 204	10010	Other specified malignant neoplasm of
Cancer	C44.391	ICD10	skin of nose
	044.000	10540	Other specified malignant neoplasm of
Cancer	C44.399	ICD10	skin of other parts of face
	_		Other and unspecified malignant
Cancer	C44.4	ICD10	neoplasm of skin of scalp and neck
			Unspecified malignant neoplasm of skin
Cancer	C44.40	ICD10	of scalp and neck
•			Other specified malignant neoplasm of
Cancer	C44.49	ICD10	skin of scalp and neck
			Unspecified malignant neoplasm of anal
Cancer	C44.500	ICD10	skin
			Unspecified malignant neoplasm of skin
Cancer	C44.501	ICD10	of breast
			Unspecified malignant neoplasm of skin
Cancer	C44.509	ICD10	of other part of trunk
Cancer	C44.51	ICD10	Basal cell carcinoma of skin of trunk
Cancer	C44.52	ICD10	Squamous cell carcinoma of skin of trunk
			Other specified malignant neoplasm of
Cancer	C44.59	ICD10	skin of trunk
			Other specified malignant neoplasm of
Cancer	C44.590	ICD10	anal skin
			Other specified malignant neoplasm of
Cancer	C44.591	ICD10	skin of breast
			Other specified malignant neoplasm of
Cancer	C44.599	ICD10	skin of other part of trunk
			Other and unspecified malignant
Cancer	C44.6	ICD10	neoplasm of skin of upper limb
			Unspecified malignant neoplasm of skin
Cancer	C44.60	ICD10	of upper limb
	200	. 52 20	Unspecified malignant neoplasm of skin
Cancer	C44 601	ICD10	of unspecified upper limb
	C 1 7.001	10010	Unspecified malignant neoplasm of skin
Cancer	C44 602	ICD10	of right upper limb
Caricei	C-1-1.00Z	10010	Unspecified malignant neoplasm of skin
Cancer	C/// 600	ICD10	of left upper limb
Caricei	C++.003	ICDIO	or left upper liffib
Cancor	CAA 61	ICD10	Pacal call carcinama of ckin of upper limb
Cancer	C44.61	ICDIO	Basal cell carcinoma of skin of upper limb

			Squamous cell carcinoma of skin of upper
Cancer	C44.62	ICD10	
			Other specified malignant neoplasm of
Cancer	C44.69	ICD10	skin of upper limb
			Other specified malignant neoplasm of
Cancer	C44.691	ICD10	skin of unspecified upper limb
			Other specified malignant neoplasm of
Cancer	C44.692	ICD10	skin of right upper limb
			Other specified malignant neoplasm of
Cancer	C44.699	ICD10	skin of left upper limb
		10540	Other and unspecified malignant
Cancer	C44.7	ICD10	neoplasm of skin of lower limb
Compos	644.70	ICD10	Unspecified malignant neoplasm of skin of lower limb
Cancer	C44.70	ICDIO	
Cancer	C44 701	ICD10	Unspecified malignant neoplasm of skin of unspecified lower limb
Caricei	C44.701	ICDIO	Unspecified malignant neoplasm of skin
Cancer	C44 702	ICD10	of right lower limb
Caricei	C44.702	ICDIO	Unspecified malignant neoplasm of skin
Cancer	C44.709	ICD10	of left lower limb
Cancer	C44.71	ICD10	Basal cell carcinoma of skin of lower limb
			Squamous cell carcinoma of skin of lower
Cancer	C44.72	ICD10	limb
			Other specified malignant neoplasm of
Cancer	C44.79	ICD10	skin of lower limb
			Other specified malignant neoplasm of
Cancer	C44.791	ICD10	skin of unspecified lower limb
			Other specified malignant neoplasm of
Cancer	C44.792	ICD10	skin of right lower limb
			Other specified malignant neoplasm of
Cancer	C44.799	ICD10	skin of left lower limb
Company		10040	Other and unspecified malignant
Cancer	C44.8	ICD10	neoplasm of overlapping sites of skin
Cancer	C44.90	ICD10	Unspecified malignant neoplasm of overlapping sites of skin
Cancer	C44.80	ICDIO	Other specified malignant neoplasm of
Cancer	<i>CAA</i> 89	ICD10	overlapping sites of skin
Caricei	044.03	10010	Other and unspecified malignant
Cancer	C44 9	ICD10	neoplasm of skin
Carreer	C++.3	ICDIO	neopiasin or skin

Cancer	C44.90	ICD10	Unspecified malignant neoplasm of skin
			Other specified malignant neoplasm of
Cancer	C44.99	ICD10	skin
Cancer	C45.0	ICD10	Mesothelioma of pleura
Cancer	C45.2	ICD10	Mesothelioma of pericardium
			Malignant neoplasm of peripheral nerves
Cancer	C47	ICD10	and autonomic nervous system
			Malignant neoplasm of peripheral nerves
Cancer	C47.0	ICD10	of head
			Malignant neoplasm of peripheral nerves
Cancer	C47.1	ICD10	of upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.10	ICD10	of unspecified upper limb
		<b>6</b>	Malignant neoplasm of peripheral nerves
Cancer	C47.11	ICD10	of right upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.12	ICD10	of left upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.2	ICD10	of lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.20	ICD10	of unspecified lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.21	ICD10	of right lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.22	ICD10	of left lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.3	ICD10	of thorax
			Malignant neoplasm of peripheral nerves
Cancer	C47.4	ICD10	of abdomen
	6.5	105.46	Malignant neoplasm of peripheral nerves
Cancer	C47.5	ICD10	of pelvis
Canada	647.6	10040	Malignant neoplasm of peripheral nerves
Cancer	C47.6	ICD10	of trunk
			Malignant neoplasm of overlapping sites
Cancor	C17 0	ICD10	of peripheral nerves and autonomic
Cancer	C47.8	ICDIO	nervous system  Malignant popularm of poripheral popular
Cancer	C47.0	ICD10	Malignant neoplasm of peripheral nerves and autonomic nervous system
Cancer	C47.9	ICDIO	-
Cancer	C40 0	ICD10	Malignant neoplasm of other connective and soft tissue
Caricei	C43.U	ICDIO	מווע שווג נוששע

Camaan	C40.0	10010	Malignant neoplasm of connective and
Cancer	C49.0	ICDIO	soft tissue of head
C	640.4	10040	Malignant neoplasm of connective and
Cancer	C49.1	ICD10	soft tissue of upper limb
C	640.40	10040	Malignant neoplasm of connective and
Cancer	C49.10	ICD10	soft tissue of unspecified upper limb
	640.44	10040	Malignant neoplasm of connective and
Cancer	C49.11	ICD10	soft tissue of right upper limb
	040.40	10040	Malignant neoplasm of connective and
Cancer	C49.12	ICD10	soft tissue of left upper limb
	040.0	10040	Malignant neoplasm of connective and
Cancer	C49.2	ICD10	soft tissue of lower limb
C	640.20	10040	Malignant neoplasm of connective and
Cancer	C49.20	ICD10	soft tissue of unspecified lower limb
	640.24	10040	Malignant neoplasm of connective and
Cancer	C49.21	ICD10	soft tissue of right lower limb
	640.00	10040	Malignant neoplasm of connective and
Cancer	C49.22	ICD10	soft tissue of left lower limb
			Malignant neoplasm of connective and
Cancer	C49.3	ICD10	soft tissue of thorax
			Malignant neoplasm of connective and
Cancer	C49.4	ICD10	soft tissue of abdomen
	0.05		Malignant neoplasm of connective and
Cancer	C49.5	ICD10	soft tissue of pelvis
			Malignant neoplasm of connective and
Cancer	C49.6	ICD10	soft tissue of trunk
			Malignant neoplasm of overlapping sites
Cancer	C49.8	ICD10	of connective and soft tissue
	640.0	10040	Malignant neoplasm of connective and
Cancer			soft tissue
Cancer			Gastrointestinal stromal tumor
Cancer	C49.A0	ICD10	Gastrointestinal stromal tumor
	0.5		Gastrointestinal stromal tumor of
Cancer	C49.A1	ICD10	esophagus
	0.10 : -	105 11	Gastrointestinal stromal tumor of
Cancer	C49.A2	ICD10	stomach
	0.00.00	105 1 -	Gastrointestinal stromal tumor of small
Cancer	C49.A3	ICD10	intestine
			Gastrointestinal stromal tumor of large
Cancer	C49.A4	ICD10	intestine

Cancor	C40 AE	ICD10	Gastrointestinal stromal tumor of rectum
Cancer	C49.A3	ICDIO	Gastrointestinal stromal tumor of other
Cancer	C49.A9	ICD10	
Cancer			Merkel cell carcinoma
Cancer	1		Merkel cell carcinoma of lip
Cancer			Merkel cell carcinoma of eyelid
Cancer	C4A.1	ICDIO	
Cancer	C4A.10	ICD10	Merkel cell carcinoma of unspecified
Cancer			Merkel cell carcinoma of right eyelid
Cancer			Merkel cell carcinoma of left eyelid
Cancer	C4A.12	ICDIO	Merkel cell carcinoma of ear and external
Cancer	C4A 2	ICD10	auricular canal
Cancer	C4A.Z	ICDIO	
Cancer	C4A 20	ICD10	Merkel cell carcinoma of unspecified ear and external auricular canal
Cancer	C4A.20	ICDIO	Merkel cell carcinoma of right ear and
Cancer	C4A 21	ICD10	external auricular canal
Cancer	C4A.21	ICDIO	Merkel cell carcinoma of left ear and
Cancer	C4A 22	ICD10	external auricular canal
Caricer	C4A.ZZ	ICDIO	Merkel cell carcinoma of other and
Cancer	C4A 2	ICD10	unspecified parts of face
Cancer	C4A.3	ICDIO	Merkel cell carcinoma of unspecified part
Cancer	C4A.30	ICD10	
Cancer			Merkel cell carcinoma of nose
Carreer	0 17 1.51	10010	Merkel cell carcinoma of other parts of
Cancer	C4A.39	ICD10	
Cancer			Merkel cell carcinoma of scalp and neck
Cancer			Merkel cell carcinoma of trunk
Cancer			Merkel cell carcinoma of anal skin
Cancer			Merkel cell carcinoma of skin of breast
			Merkel cell carcinoma of other part of
Cancer	C4A.59	ICD10	•
Cancer			Merkel cell carcinoma of upper limb
			Merkel cell carcinoma of unspecified
Cancer	C4A.60	ICD10	upper limb
Cancer	C4A.61	ICD10	Merkel cell carcinoma of right upper limb
Cancer	1		Merkel cell carcinoma of left upper limb
Cancer			Merkel cell carcinoma of lower limb

			Merkel cell carcinoma of unspecified
Cancer	C4A 70	ICD10	lower limb
Currect	C-71.70	ICDIO	lower mild
Cancer	C4A.71	ICD10	Merkel cell carcinoma of right lower limb
Cancer	C4A.72	ICD10	Merkel cell carcinoma of left lower limb
Cancer	C4A.8	ICD10	Merkel cell carcinoma of overlapping sites
Cancer	C4A.9	ICD10	Merkel cell carcinoma
Cancer	C50.02	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.021	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.022	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.029	ICD10	Malignant neoplasm of nipple and areola
			Malignant neoplasm of central portion of
Cancer	C50.12	ICD10	breast
			Malignant neoplasm of central portion of
Cancer	C50.121	ICD10	right male breast
			Malignant neoplasm of central portion of
Cancer	C50.122	ICD10	left male breast
			Malignant neoplasm of central portion of
Cancer	C50.129	ICD10	unspecified male breast
			Malignant neoplasm of upper-inner
Cancer	C50.22	ICD10	quadrant of breast
			Malignant neoplasm of upper-inner
Cancer	C50.221	ICD10	quadrant of right male breast
			Malignant neoplasm of upper-inner
Cancer	C50.222	ICD10	quadrant of left male breast
			Malignant neoplasm of upper-inner
Cancer	C50.229	ICD10	quadrant of unspecified male breast
			Malignant neoplasm of lower-inner
Cancer	C50.32	ICD10	quadrant of breast
			Malignant neoplasm of lower-inner
Cancer	C50.321	ICD10	quadrant of right male breast
			Malignant neoplasm of lower-inner
Cancer	C50.322	ICD10	quadrant of left male breast
			Malignant neoplasm of lower-inner
Cancer	C50.329	ICD10	quadrant of unspecified male breast
			Malignant neoplasm of upper-outer
Cancer	C50.42	ICD10	quadrant of breast
			Malignant neoplasm of upper-outer
Cancer	C50.421	ICD10	quadrant of right male breast

	l		
	656.433	10040	Malignant neoplasm of upper-outer
Cancer	C50.422	ICD10	quadrant of left male breast
Cancar	CEO 420	ICD10	Malignant neoplasm of upper-outer quadrant of unspecified male breast
Cancer	C50.429	ICDIO	·
Cancer	C50 52	ICD10	Malignant neoplasm of lower-outer quadrant of breast
Caricer	C30.32	ICDIO	Malignant neoplasm of lower-outer
Cancer	C50.521	ICD10	quadrant of right male breast
- Carros		.02.20	Malignant neoplasm of lower-outer
Cancer	C50.522	ICD10	quadrant of left male breast
			Malignant neoplasm of lower-outer
Cancer	C50.529	ICD10	quadrant of unspecified male breast
			Malignant neoplasm of axillary tail of
Cancer	C50.62	ICD10	breast
			Malignant neoplasm of axillary tail of
Cancer	C50.621	ICD10	right male breast
			Malignant neoplasm of axillary tail of left
Cancer	C50.622	ICD10	male breast
			Malignant neoplasm of axillary tail of
Cancer	C50.629	ICD10	unspecified male breast
Canada	CEO 03	10010	Malignant neoplasm of overlapping sites
Cancer	C50.82	ICDIO	of breast
Cancer	C50 821	ICD10	Malignant neoplasm of overlapping sites of right male breast
Caricei	C30.021	ICDIO	Malignant neoplasm of overlapping sites
Cancer	C50.822	ICD10	of left male breast
			Malignant neoplasm of overlapping sites
Cancer	C50.829	ICD10	of unspecified male breast
			Malignant neoplasm of breast of
Cancer	C50.92	ICD10	unspecified site
			Malignant neoplasm of unspecified site of
Cancer	C50.921	ICD10	right male breast
			Malignant neoplasm of unspecified site of
Cancer	C50.922	ICD10	left male breast
			Malignant neoplasm of unspecified site of
Cancer			unspecified male breast
Cancer			Malignant neoplasm of vulva
Cancer			Malignant neoplasm of labium majus
Cancer			Malignant neoplasm of labium minus
Cancer	C51.2	ICD10	Malignant neoplasm of clitoris

Cancer	C69.50	ICD10	lacrimal gland and duct
Curicei	203.3	10010	Malignant neoplasm of unspecified
Cancer	C69 5	ICD10	Malignant neoplasm of lacrimal gland and duct
Cancer	C69.42	ICD10	Malignant neoplasm of left ciliary body
Cancer	1		Malignant neoplasm of right ciliary body
Cancer	C69.40		•
			Malignant neoplasm of unspecified ciliary
Cancer	C69.4	ICD10	Malignant neoplasm of ciliary body
Cancer	C69.32	ICD10	Malignant neoplasm of left choroid
Cancer	C69.31	ICD10	Malignant neoplasm of right choroid
Cancer	C69.30	ICD10	Malignant neoplasm of unspecified choroid
Cancer	C69.3	ICD10	Malignant neoplasm of choroid
Cancer			Malignant neoplasm of left retina
Cancer	•		Malignant neoplasm of right retina
Cancer			Malignant neoplasm of unspecified retina
Cancer	C69.2	ICD10	Malignant neoplasm of retina
Cancer	C69.12	ICD10	Malignant neoplasm of left cornea
Cancer	C69.11	ICD10	Malignant neoplasm of right cornea
Cancer	C69.10	ICD10	cornea
			Malignant neoplasm of unspecified
Cancer	C69.1	ICD10	Malignant neoplasm of cornea
Cancer	C69.02	ICD10	Malignant neoplasm of left conjunctiva
Cancer	C69.01	ICD10	Malignant neoplasm of right conjunctiva
Cancer	C69.00	ICD10	conjunctiva
			Malignant neoplasm of unspecified
Cancer			Malignant neoplasm of conjunctiva
Cancer			Malignant neoplasm of eye and adnexa
Cancer			Malignant neoplasm of prostate
Cancer	1		Malignant neoplasm of cervix uteri
Cancer	C53.8	ICD10	Malignant neoplasm of overlapping sites of cervix uteri
Caricei	CJ3.1	ICDIO	
Cancer			Malignant neoplasm of exocervix
Cancer	•		Malignant neoplasm of endocervix
Cancer			Malignant neoplasm of cervix uteri
Cancer			Malignant neoplasm of vagina
Cancer	C51 Q	ICD10	Malignant neoplasm of vulva

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G	CC0 F4	10040	Malignant neoplasm of right lacrimal
Cancer	C69.51	ICD10	gland and duct
Canaar	C60 F2	ICD10	Malignant neoplasm of left lacrimal gland
Cancer			and duct
Cancer			Malignant neoplasm of orbit
Cancer			Malignant neoplasm of unspecified orbit
Cancer			Malignant neoplasm of right orbit
Cancer	C69.62	ICD10	Malignant neoplasm of left orbit
			Malignant neoplasm of overlapping sites
Cancer	C69.8	ICD10	of eye and adnexa
			Malignant neoplasm of overlapping sites
Cancer	C69.80	ICD10	of unspecified eye and adnexa
			Malignant neoplasm of overlapping sites
Cancer	C69.81	ICD10	of right eye and adnexa
			Malignant neoplasm of overlapping sites
Cancer	C69.82	ICD10	of left eye and adnexa
			Malignant neoplasm of unspecified site of
Cancer	C69.9	ICD10	eye
			Malignant neoplasm of unspecified site of
Cancer	C69.90	ICD10	unspecified eye
			Malignant neoplasm of unspecified site of
Cancer	C69.91	ICD10	right eye
			Malignant neoplasm of unspecified site of
Cancer	C69.92	ICD10	left eye
Cancer	C70	ICD10	Malignant neoplasm of meninges
Cancer	C70.0	ICD10	Malignant neoplasm of cerebral meninges
Cancer	C70.1	ICD10	Malignant neoplasm of spinal meninges
Cancer			Malignant neoplasm of meninges
Cancer	C71	ICD10	Malignant neoplasm of brain
Cancer			Malignant neoplasm of cerebrum
Cancer			Malignant neoplasm of frontal lobe
Cancer			Malignant neoplasm of temporal lobe
Cancer			Malignant neoplasm of parietal lobe
Cancer			Malignant neoplasm of occipital lobe
Cancer			Malignant neoplasm of cerebral ventricle
Cancer			Malignant neoplasm of cerebellum
Cancer			Malignant neoplasm of brain stem
	2,		Malignant neoplasm of overlapping sites
Cancer	C71 8	ICD10	of brain
1	0,1.0	.5510	

Cancer	C71 0	ICD10	Malignant neeplasm of brain
			Malignant neoplasm of brain
Cancer			Malignant neoplasm of spinal cord
Cancer			Malignant neoplasm of spinal cord
Cancer			Malignant neoplasm of cauda equina
Cancer	C72.2	ICD10	Malignant neoplasm of olfactory nerve
			Malignant neoplasm of unspecified
Cancer	C72.20	ICD10	olfactory nerve
			Malignant neoplasm of right olfactory
Cancer	C72.21	ICD10	nerve
			Malignant neoplasm of left olfactory
Cancer	C72.22	ICD10	nerve
Cancer	C72.3	ICD10	Malignant neoplasm of optic nerve
			Malignant neoplasm of unspecified optic
Cancer	C72.30	ICD10	nerve
Cancer	C72.31	ICD10	Malignant neoplasm of right optic nerve
Cancer	C72.32	ICD10	Malignant neoplasm of left optic nerve
Cancer	C72.4	ICD10	Malignant neoplasm of acoustic nerve
			Malignant neoplasm of unspecified
Cancer	C72.40	ICD10	acoustic nerve
			Malignant neoplasm of right acoustic
Cancer	C72.41	ICD10	nerve
Cancer	C72.42	ICD10	Malignant neoplasm of left acoustic nerve
			Malignant neoplasm of other and
Cancer	C72.5	ICD10	unspecified cranial nerves
			Malignant neoplasm of unspecified
Cancer	C72.50	ICD10	cranial nerve
			Malignant neoplasm of other cranial
Cancer	C72.59	ICD10	nerves
			Malignant neoplasm of central nervous
Cancer	C72.9	ICD10	system
Cancer	C73	ICD10	Malignant neoplasm of thyroid gland
Cancer	C74	ICD10	Malignant neoplasm of adrenal gland
			Malignant neoplasm of cortex of adrenal
Cancer	C74.0	ICD10	
			Malignant neoplasm of cortex of
Cancer	C74.00	ICD10	unspecified adrenal gland
			Malignant neoplasm of cortex of right
Cancer	C74.01	ICD10	adrenal gland
	0		· · · · · · · · · · · · · · · · ·

C	674.02	10010	Malignant neoplasm of cortex of left
Cancer	C/4.02	ICDIO	adrenal gland
	674.4	10040	Malignant neoplasm of medulla of
Cancer	C/4.1	ICD10	adrenal gland
			Malignant neoplasm of medulla of
Cancer	C74.10	ICD10	unspecified adrenal gland
_			Malignant neoplasm of medulla of right
Cancer	C74.11	ICD10	adrenal gland
			Malignant neoplasm of medulla of left
Cancer	C74.12	ICD10	adrenal gland
			Malignant neoplasm of unspecified part
Cancer	C74.9	ICD10	of adrenal gland
			Malignant neoplasm of unspecified part
Cancer	C74.90	ICD10	of unspecified adrenal gland
			Malignant neoplasm of unspecified part
Cancer	C74.91	ICD10	of right adrenal gland
			Malignant neoplasm of unspecified part
Cancer	C74.92	ICD10	of left adrenal gland
			Malignant neoplasm of other endocrine
Cancer	C75	ICD10	glands and related structures
Cancer	C75.0	ICD10	Malignant neoplasm of parathyroid gland
Cancer	C75.1	ICD10	Malignant neoplasm of pituitary gland
			Malignant neoplasm of craniopharyngeal
Cancer	C75.2	ICD10	duct
Cancer	C75.3	ICD10	Malignant neoplasm of pineal gland
Cancer	C75.4	ICD10	Malignant neoplasm of carotid body
			Malignant neoplasm of aortic body and
Cancer	C75.5	ICD10	other paraganglia
			Malignant neoplasm with pluriglandular
Cancer	C75.8	ICD10	involvement
Cancer	C75.9	ICD10	Malignant neoplasm of endocrine gland
Cancer	C76.1	ICD10	Malignant neoplasm of thorax
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
			Malignant carcinoid tumor of unspecified
Cancer	C7A.00	ICD10	- · · · · ·
			Malignant carcinoid tumor of the
Cancer	C7A.020	ICD10	appendix
	•		• • •

C7A 021	ICD10	Malignant carcinoid tumor of the cecum
C/A.021	ICDIO	Malignant carcinoid tumor of the
C7A 022	ICD10	3
C/A.022	ICDIO	
C74 022	ICD10	Malignant carcinoid tumor of the
C/A.023	ICDIO	
674.004	10040	Malignant carcinoid tumor of the
C/A.024	ICD10	
		Malignant carcinoid tumor of the sigmoid
C7A.025	ICD10	
		Malignant carcinoid tumor of the large
C7A.029	ICD10	
		Malignant carcinoid tumor of the
		bronchus and lung
C7A.091	ICD10	Malignant carcinoid tumor of the thymus
C7A.092	ICD10	Malignant carcinoid tumor of the stomach
C7A.093	ICD10	Malignant carcinoid tumor of the kidney
C7A.098	ICD10	Malignant carcinoid tumors of other sites
		Malignant poorly differentiated
C7A.1	ICD10	neuroendocrine tumors
C7A.8	ICD10	Other malignant neuroendocrine tumors
C7B.00	ICD10	Secondary carcinoid tumors
C7B.1	ICD10	Secondary Merkel cell carcinoma
		Multifocal and multisystemic
		(disseminated) Langerhans-cell
C96.0	ICD10	histiocytosis
C96.2	ICD10	Malignant mast cell neoplasm
C96.22	ICD10	Mast cell sarcoma
C96.A	ICD10	Histiocytic sarcoma
D00.0	ICD10	Carcinoma in situ of lip
D00.00	ICD10	Carcinoma in situ of oral cavity
		Carcinoma in situ of labial mucosa and
D00.01	ICD10	vermilion border
		Carcinoma in situ of buccal mucosa
		Carcinoma in situ of gingiva and
D00.03	ICD10	edentulous alveolar ridge
1	ICD10	Carcinoma in situ of soft palate
D00.04		Carcinoma in situ of soft palate Carcinoma in situ of hard palate
	C7A.022 C7A.023 C7A.024 C7A.025 C7A.090 C7A.091 C7A.092 C7A.093 C7A.098 C7A.1 C7A.8 C7B.00 C7B.1 C96.0 C96.2 C96.2 C96.2 C96.2 C96.A D00.0 D00.00 D00.01 D00.02	C7A.022 ICD10  C7A.023 ICD10  C7A.024 ICD10  C7A.025 ICD10  C7A.090 ICD10  C7A.091 ICD10  C7A.092 ICD10  C7A.093 ICD10  C7A.093 ICD10  C7A.1 ICD10  C7A.8 ICD10  C7A.8 ICD10  C7B.0 ICD10  C7B.1 ICD10  C96.2 ICD10  C96.2 ICD10  C96.2 ICD10  C96.2 ICD10  C96.2 ICD10  D00.0 ICD10  D00.0 ICD10  D00.0 ICD10  D00.01 ICD10  D00.02 ICD10

Cancer	D00.07	ICD10	Carcinoma in situ of tongue
Cancer	D00.08	ICD10	Carcinoma in situ of pharynx
Cancer	D00.1	ICD10	Carcinoma in situ of esophagus
Cancer	D00.2	ICD10	Carcinoma in situ of stomach
Cancer	D01.0	ICD10	Carcinoma in situ of colon
Cancer	D01.5	ICD10	Carcinoma in situ of liver
Cancer	D02.0	ICD10	Carcinoma in situ of larynx
Cancer	D02.1	ICD10	Carcinoma in situ of trachea
Cancer	D02.2	ICD10	Carcinoma in situ of bronchus and lung
Connec	D02 20	10010	Carcinoma in situ of unspecified bronchus
Cancer	D02.20	ICD10	and lung
			Carcinoma in situ of right bronchus and
Cancer	D02.21	ICD10	-
		<b>6</b> .	Carcinoma in situ of left bronchus and
Cancer	D02.22	ICD10	
			Carcinoma in situ of other parts of
Cancer			respiratory system
Cancer			Carcinoma in situ of respiratory system
Cancer			Carcinoma in situ of breast
Cancer	D05.0	ICD10	Lobular carcinoma in situ of breast
			Lobular carcinoma in situ of unspecified
Cancer	D05.00	ICD10	breast
Cancer	D05.01	ICD10	Lobular carcinoma in situ of right breast
Cancer	D05.02	ICD10	Lobular carcinoma in situ of left breast
Cancer	D05.1	ICD10	Intraductal carcinoma in situ of breast
			Intraductal carcinoma in situ of
Cancer	D05.10	ICD10	unspecified breast
			Intraductal carcinoma in situ of right
Cancer	D05.11	ICD10	breast
Cancer	D05.12	ICD10	Intraductal carcinoma in situ of left breast
			Other specified type of carcinoma in situ
Cancer	D05.8	ICD10	of breast
			Other specified type of carcinoma in situ
Cancer	D05.80	ICD10	of unspecified breast
			Other specified type of carcinoma in situ
Cancer	D05.81	ICD10	of right breast
			Other specified type of carcinoma in situ
Cancer	D05.82	ICD10	of left breast
L			

			Unama sifical tuma of sourcing one in situ. of
Cancer	D05 Q	ICD10	Unspecified type of carcinoma in situ of
Cancer	003.3	ICDIO	Unspecified type of carcinoma in situ of
Cancer	D05 90	ICD10	unspecified breast
Caricei	D03.30	ICDIO	Unspecified type of carcinoma in situ of
Cancer	D05 91	ICD10	right breast
Caricer	505.51	ICDIO	Unspecified type of carcinoma in situ of
Cancer	D05 92	ICD10	left breast
Cancer			Carcinoma in situ of vulva
Cancer			Carcinoma in situ of vagina
Carreer	507.12	10220	Carcinoma in situ of other and unspecified
Cancer	D07.3	ICD10	female genital organs
		.02.20	Carcinoma in situ of unspecified female
Cancer	D07.30	ICD10	genital organs
			Carcinoma in situ of other female genital
Cancer	D07.39	ICD10	_
Cancer			Carcinoma in situ of penis
Cancer			Carcinoma in situ of prostate
			Carcinoma in situ of other and unspecified
Cancer	D07.6	ICD10	male genital organs
			Carcinoma in situ of unspecified male
Cancer	D07.60	ICD10	genital organs
Cancer	D07.61	ICD10	Carcinoma in situ of scrotum
			Carcinoma in situ of other male genital
Cancer	D07.69	ICD10	
			Carcinoma in situ of other and unspecified
Cancer	D09	ICD10	sites
Cancer	D09.0	ICD10	Carcinoma in situ of bladder
			Carcinoma in situ of other and unspecified
Cancer	D09.1	ICD10	urinary organs
			Carcinoma in situ of unspecified urinary
Cancer	D09.10	ICD10	organ
Cancer	D09.19	ICD10	Carcinoma in situ of other urinary organs
Cancer	D09.2	ICD10	Carcinoma in situ of eye
Cancer	D09.20	ICD10	Carcinoma in situ of unspecified eye
Cancer	D09.21	ICD10	Carcinoma in situ of right eye
Cancer	D09.22	ICD10	Carcinoma in situ of left eye
			Carcinoma in situ of thyroid and other
Cancer	D09.3	ICD10	endocrine glands
Cancer	D09.8	ICD10	Carcinoma in situ of other specified sites

D09.9	ICD10	Carcinoma in situ
		Neoplasm of uncertain behavior of female
D39	ICD10	genital organs
D39.0	ICD10	Neoplasm of uncertain behavior of uterus
D39.1	ICD10	Neoplasm of uncertain behavior of ovary
		Neoplasm of uncertain behavior of
D39.10	ICD10	unspecified ovary
		Neoplasm of uncertain behavior of right
D39.11	ICD10	ovary
		Neoplasm of uncertain behavior of left
D39.12	ICD10	ovary
		Neoplasm of uncertain behavior of
D39.2	ICD10	placenta
		Neoplasm of uncertain behavior of other
D39.8	ICD10	specified female genital organs
		Neoplasm of uncertain behavior of female
D39.9	ICD10	genital organ
		Neoplasm of uncertain behavior of
D41.4	ICD10	bladder
		Neoplasm of unspecified behavior of
D49.4	ICD10	bladder
G89.3	ICD10	Neoplasm related pain (acute) (chronic)
M90.6	ICD10	Osteitis deformans in neoplastic diseases
N90.3	ICD10	Dysplasia of vulva
R97.1	ICD10	Elevated cancer antigen 125 [CA 125]
		Personal history of malignant neoplasm of
Z85.01	ICD10	esophagus
		Personal history of malignant neoplasm of
Z85.02	ICD10	stomach
		Personal history of malignant carcinoid
Z85.020	ICD10	tumor of stomach
		Personal history of other malignant
Z85.028	ICD10	neoplasm of stomach
		Personal history of malignant neoplasm of
Z85.03	ICD10	large intestine
		Personal history of malignant carcinoid
Z85.030	ICD10	tumor of large intestine
	D39.0 D39.1 D39.10 D39.11 D39.12 D39.2 D39.8 D39.9 D41.4 D49.4 G89.3 M90.6 N90.3 R97.1 Z85.01 Z85.02 Z85.020 Z85.028	D39.0 ICD10 D39.1 ICD10 D39.10 ICD10 D39.11 ICD10 D39.12 ICD10 D39.2 ICD10 D39.8 ICD10 D39.9 ICD10 D41.4 ICD10 D49.4 ICD10 G89.3 ICD10 M90.6 ICD10 R97.1 ICD10 Z85.01 ICD10 Z85.02 ICD10 Z85.02 ICD10 Z85.02 ICD10

			Personal history of other malignant
Cancer	Z85.038	ICD10	neoplasm of large intestine
		10110	Personal history of malignant neoplasm of
Cancer	Z85.07	ICD10	pancreas
			Personal history of malignant neoplasm of
Cancer	Z85.1	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	Z85.11	ICD10	bronchus and lung
			Personal history of malignant carcinoid
Cancer	Z85.110	ICD10	tumor of bronchus and lung
			Personal history of other malignant
Cancer	Z85.118	ICD10	neoplasm of bronchus and lung
			Personal history of malignant neoplasm of
Cancer	Z85.12	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	Z85.2	ICD10	other respiratory and intrathoracic organs
			Personal history of malignant neoplasm of
Cancer	Z85.20	ICD10	unspecified respiratory organ
			Personal history of malignant neoplasm of
Cancer	Z85.21	ICD10	
			Personal history of malignant neoplasm of
Cancer	Z85.22	ICD10	nasal cavities
			Personal history of malignant neoplasm of
Cancer	Z85.23	ICD10	thymus
			Personal history of malignant carcinoid
Cancer	Z85.230	ICD10	tumor of thymus
			Personal history of other malignant
Cancer	Z85.238	ICD10	neoplasm of thymus
Canaca	705 20	ICD10	Personal history of malignant neoplasm of
Cancer	285.29	ICDIO	other respiratory and intrathoracic organs
Cancor	705.3	ICD10	Personal history of malignant neoplasm of
Cancer	Z85.3	ICDIO	breast
Cancor	705 40	ICD10	Personal history of malignant neoplasm of
Cancer	Z85.40	ICDIO	unspecified female genital organ
Cancer	7QE //1	ICD10	Personal history of malignant neoplasm of cervix uteri
Cancer	205.41	ICDIO	
Cancer	705 11	ICD10	Personal history of malignant neoplasm of other female genital organs
Cancer	205.44	ICDIO	other remaie geriital Organs

			Down and history of malignant magnings of
Cancer	705 /15	ICD10	Personal history of malignant neoplasm of unspecified male genital organ
Caricer	203.43	ICDIO	Personal history of malignant neoplasm of
Cancer	785 46	ICD10	prostate
Caricer	203.40	ICDIO	Personal history of malignant neoplasm of
Cancer	Z85.48	ICD10	epididymis
			Personal history of malignant neoplasm of
Cancer	Z85.49	ICD10	other male genital organs
			Personal history of malignant neoplasm of
Cancer	Z85.5	ICD10	urinary tract
			Personal history of malignant neoplasm of
Cancer	Z85.50	ICD10	unspecified urinary tract organ
			Personal history of malignant neoplasm of
Cancer	Z85.54	ICD10	
			Personal history of malignant neoplasm of
Cancer	Z85.59	ICD10	other urinary tract organ
	705.7	10040	Personal history of other malignant
Cancer	Z85.7	ICD10	neoplasms of lymphoid
Company	705 70	ICD10	Personal history of other malignant
Cancer	265.79	ICDIO	neoplasms of lymphoid
Cancer	Z85.81	ICD10	Personal history of malignant neoplasm of
Caricer	203.01	ICDIO	Personal history of malignant neoplasm of
Cancer	Z85.810	ICD10	
			Personal history of malignant neoplasm of
Cancer	Z85.818	ICD10	other sites of lip
			Personal history of malignant neoplasm of
Cancer	Z85.819	ICD10	unspecified site of lip
			Personal history of malignant neoplasm of
Cancer	Z85.83	ICD10	bone and soft tissue
			Personal history of malignant neoplasm of
Cancer	Z85.830	ICD10	bone
			Personal history of malignant neoplasm of
Cancer	Z85.831	ICD10	soft tissue
6	705.040	10040	Personal history of malignant neoplasm of
Cancer	Z85.840	ICD10	•
Cancor	705 0/1	ICD10	Personal history of malignant neoplasm of
Cancer	Z85.841	ICDIO	
Cancer	785 8/18	ICD10	Personal history of malignant neoplasm of other parts of nervous tissue
Caricei	203.040	ICDIO	other parts of hervous tissue

			Personal history of malignant neoplasm of
Cancer	Z85.850	ICD10	•
Cancer	Z85.850	ICD10	Personal history of malignant neoplasm of thyroid
Cancer			Personal history of malignant neoplasm of other endocrine glands
Curicei	203.030	ICDIO	other endocrine glands
Chronic kidney disease	403	ICD9	Hypertensive chronic kidney disease
Chronic kidney disease	403	ICD9	Hypertensive chronic kidney disease
Chronic kidney disease	403	ICD9	Hypertensive chronic kidney disease
Chronic kidney disease	403.01	ICD9	Hypertensive renal disease
Chronic kidney disease	403.1	ICD9	Hypertensive renal disease
Chronic kidney disease	403.1	ICD9	Hypertensive renal disease
Chronic kidney disease	403.11	ICD9	Hypertensive renal disease
Chronic kidney disease	403.9	ICD9	Hypertensive renal disease
Chronic kidney disease	403.9	ICD9	Hypertensive renal disease
Chronic kidney disease	403.91		Hypertensive renal disease
Chronic kidney disease	585.1	ICD9	Chronic kidney disease
Chronic kidney disease	585.2	ICD9	Chronic kidney disease
Chronic kidney disease	585.3	ICD9	Chronic kidney disease
Chronic kidney disease	585.4	ICD9	Chronic kidney disease
Chronic kidney disease	112.0	ICD10	Hypertensive chronic kidney disease
Chronic kidney disease	112.0	ICD10	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease

			Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney
Chronic kidney disease	112.9	ICD10	disease
Chronic kidney disease	N18.1	ICD10	Chronic kidney disease
Chronic kidney disease	N18.2	ICD10	Chronic kidney disease
Chronic kidney disease	N18.3	ICD10	Chronic kidney disease
Chronic kidney disease	N18.4	ICD10	Chronic kidney disease
Chronic obstructive pulmonary disease	491.2	ICD9	Obstructive chronic bronchitis
Chronic obstructive pulmonary disease	491.2	ICD9	Obstructive chronic bronchitis
Chronic obstructive pulmonary disease	491.21	ICD9	Obstructive chronic bronchitis with (acute) exacerbation
Chronic obstructive pulmonary disease	491.22	ICD9	Obstructive chronic bronchitis with acute bronchitis
Chronic obstructive pulmonary disease	492		Emphysema
Chronic obstructive pulmonary disease	492		Emphysematous bleb
Chronic obstructive pulmonary disease	492.8		Other emphysema
Chronic obstructive pulmonary disease	496		Chronic airway obstruction
Chronic obstructive pulmonary disease	J44.0		Other chronic obstructive pulmonary disease
Chronic obstructive pulmonary disease	J44.0	ICD10	Chronic obstructive pulmonary disease with acute lower respiratory infection
Chronic obstructive pulmonary disease	J44.1		Chronic obstructive pulmonary disease with (acute) exacerbation
Chronic obstructive pulmonary disease			Unspecified chronic bronchitis
Chronic obstructive pulmonary disease			Simple and mucopurulent chronic bronchitis
Chronic obstructive pulmonary disease			Simple chronic bronchitis

Chronic obstructive			
pulmonary disease	ΙΔ1 1	ICD10	Mucopurulent chronic bronchitis
Chronic obstructive	341.1	ICDIO	Mixed simple and mucopurulent chronic
pulmonary disease	I/1 Q	ICD10	bronchitis
Chronic obstructive	141.0	ICDIO	biolicintis
pulmonary disease	1/12 0	ICD10	Emphysema
Chronic obstructive	143.0	ICDIO	Unilateral pulmonary emphysema
pulmonary disease	142 0	ICD10	[MacLeod's syndrome]
	J45.U	ICDIO	[INIACLEOU S SYNUTOTHE]
Chronic obstructive	142.1	ICD10	Danlahular amphysama
pulmonary disease	J43.1	ICDIO	Panlobular emphysema
Chronic obstructive	142.2	10010	Cantrilahadan amarka sasas
pulmonary disease	J43.2	ICDIO	Centrilobular emphysema
Chronic obstructive	142.0	10040	Otherwood
pulmonary disease	J43.8	ICD10	Other emphysema
Chronic obstructive			
pulmonary disease	J43.9	ICD10	Emphysema
Chronic obstructive			Other chronic obstructive pulmonary
pulmonary disease	J44.0	ICD10	disease
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.0	ICD10	with acute lower respiratory infection
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.1	ICD10	with (acute) exacerbation
Chronic obstructive			<b>`</b> O.
pulmonary disease	J44.9	ICD10	Chronic obstructive pulmonary disease
Diabetes mellitus	249	ICD9	Secondary diabetes mellitus
Diabetes mellitus	249	ICD9	Secondary diabetes mellitus
Diabetes mellitus	249	ICD9	Secondary diabetes mellitus
Diabetes mellitus	249.01	ICD9	Secondary diabetes mellitus
			Secondary diabetes mellitus with
Diabetes mellitus	249.1	ICD9	ketoacidosis
			Secondary diabetes mellitus with
Diabetes mellitus	249.1	ICD9	ketoacidosis
			Secondary diabetes mellitus with
Diabetes mellitus	249.11	ICD9	ketoacidosis
			Secondary diabetes mellitus with
Diabetes mellitus	249.2	ICD9	hyperosmolarity
			Secondary diabetes mellitus with
Diabetes mellitus	249.2	ICD9	hyperosmolarity
1 2 55.5			Secondary diabetes mellitus with
Diabetes mellitus	249.21	ICD9	hyperosmolarity
c c c c c c c c c c c c c c c c c	5.21	.555	, p. c. comorante,

			Cocondory dishotos mollitus with other
Diabetes mellitus	249.3	ICDO	Secondary diabetes mellitus with other coma
Diabetes memtus	249.5	ICD3	
Diabetes mellitus	249.3	ICD0	Secondary diabetes mellitus with other coma
Diabetes memeas	243.3	1000	Secondary diabetes mellitus with other
Diabetes mellitus	249.31	ICD9	coma
Diabetes memeas	213.31	1003	Secondary diabetes mellitus with renal
Diabetes mellitus	249.4	ICD9	manifestations
			Secondary diabetes mellitus with renal
Diabetes mellitus	249.4	ICD9	manifestations
			Secondary diabetes mellitus with renal
Diabetes mellitus	249.41	ICD9	manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.5	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.5	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.51	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.6	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.6	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.61	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.7	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with
Diabetes mellitus	249.7	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with
Diabetes mellitus	249.71	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with other
Diabetes mellitus	249.8	ICD9	specified manifestations
			Secondary diabetes mellitus with other
Diabetes mellitus	249.8	ICD9	specified manifestations
B. I	242.01	1050	Secondary diabetes mellitus with other
Diabetes mellitus	249.81	ICD9	specified manifestations
Diahataa masilituus	240.0	ICDO	Secondary diabetes mellitus with
Diabetes mellitus	249.9	ICD9	unspecified complication
Diabatas mallitus	240.0	ICDO	Secondary diabetes mellitus with
Diabetes mellitus	249.9	ICD9	unspecified complication

			Secondary diabetes mellitus with
Diabetes mellitus	249.91	ICD9	unspecified complication
Diabetes mellitus	250		Diabetes mellitus
		.020	Diabetes mellitus without mention of
Diabetes mellitus	250	ICD9	complication
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250	ICD9	onset type] or unspecified type
			type I diabetes mellitus [insulin
Diabetes mellitus	250.01	ICD9	dependent type] [IDDM] [juvenile type]
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.02	ICD9	onset type] or unspecified type
Diabetes mellitus	250.03	ICD9	type I diabetes mellitus [juvenile type]
Diabetes mellitus	250.1	ICD9	Diabetes with ketoacidosis
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.1	ICD9	onset type] or unspecified type
			type I diabetes mellitus [insulin
Diabetes mellitus	250.11	ICD9	dependent type] [IDDM] [juvenile type]
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.12	ICD9	onset type] or unspecified type
Diabetes mellitus	250.13	ICD9	type I diabetes mellitus [juvenile type]
Diabetes mellitus	250.2	ICD9	Diabetes mellitus with hyperosmolarity
Diabetes mellitus	250.2	ICD9	Diabetes mellitus
Diabetes mellitus	250.21	ICD9	Diabetes mellitus
			Diabetes mellitustype II [non-insulin
			dependent type] [NIDDM type] [adult-
			onset type] or unspecified type with
Diabetes mellitus	250.22	ICD9	hyperosmolarity
Diabetes mellitus	250.23	ICD9	Diabetes mellitus
Diabetes mellitus	250.3		Diabetes with other coma
Diabetes mellitus	250.3		Diabetes mellitus
Diabetes mellitus	250.31	ICD9	Diabetes mellitus
Diabetes mellitus	250.32	ICD9	Diabetes mellitus with other coma
Diabetes mellitus	250.33	ICD9	Diabetes mellitus with other coma
Diabetes mellitus	250.4	ICD9	Diabetes with renal manifestations

			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.4	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.41	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.42	ICD9	onset type] or unspecified type
Diabetes mellitus	250.43	ICD9	Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.5	ICD9	Diabetes with ophthalmic manifestations
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.5	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.51	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.52	ICD9	onset type] or unspecified type
Diabetes mellitus	250.53	ICD9	Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.6	ICD9	Diabetes with neurological manifestations
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.6	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.61	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.62		onset type] or unspecified type
Diabetes mellitus	250.63	ICD9	Diabetes mellitus type I [juvenile type]
			Diabetes with peripheral circulatory
Diabetes mellitus	250.7	ICD9	disorders
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.7	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.71	ICD9	dependent type] [IDDM] [juvenile type]

Diabetes mellitus	E08.1	ICD10	condition with ketoacidosis
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.01	ICD10	Diabetes mellitus due to underlying condition with hyperosmolarity with coma
Diabetes mellitus	E08.00	ICD10	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
Diabetes mellitus	E08.0	ICD10	Diabetes mellitus due to underlying condition with hyperosmolarity
Diabetes mellitus	E08		Diabetes mellitus due to underlying condition
Diabetes mellitus	357.2	ICD9	Polyneuropathy in diabetes
Diabetes mellitus	250.93	ICD9	Diabetes mellitus type I [insulin dependent type] [IDDM] [juvenile type]
Diabetes mellitus	250.92	ICD9	Diabetes mellitus type II [non-insulin dependent type] [NIDDM type] [adult-onset type] or unspecified type
Diabetes mellitus	250.91	ICD9	Diabetes mellitus type I [insulin dependent type] [IDDM] [juvenile type]
Diabetes mellitus	250.9	ICD9	Diabetes mellitus type II [non-insulin dependent type] [NIDDM type] [adult-onset type] or unspecified type
Diabetes mellitus	250.9	ICD9	Diabetes with unspecified complication
Diabetes mellitus	250.83		Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.82	ICD9	Diabetes mellitus type II [non-insulin dependent type] [NIDDM type] [adult-onset type] or unspecified type
Diabetes mellitus	250.81	ICD9	Diabetes mellitus type I [insulin dependent type] [IDDM] [juvenile type]
Diabetes mellitus	250.8	ICD9	Diabetes mellitus type II [non-insulin dependent type] [NIDDM type] [adult-onset type] or unspecified type
Diabetes mellitus	250.8	ICD9	Diabetes with other specified manifestations
Diabetes mellitus	250.73	ICD9	Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.72		Diabetes mellitus type II [non-insulin dependent type] [NIDDM type] [adultonset type] or unspecified type

			Diabetes mellitus due to underlying
Diabetes mellitus	E08.10	ICD10	condition with ketoacidosis without coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.11	ICD10	condition with ketoacidosis with coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.2	ICD10	condition with kidney complications
5. 1	500.04	10540	Diabetes mellitus due to underlying
Diabetes mellitus	E08.21	ICD10	condition with diabetic nephropathy
			Diabetes mellitus due to underlying condition with diabetic chronic kidney
Diabetes mellitus	F08 22	ICD10	disease
Diabetes memeas	200.22	ICDIO	Diabetes mellitus due to underlying
			condition with other diabetic kidney
Diabetes mellitus	E08.29	ICD10	complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3	ICD10	condition with ophthalmic complications
			Diabetes mellitus due to underlying
5	500.04	10540	condition with unspecified diabetic
Diabetes mellitus	E08.31	ICD10	retinopathy
			Diabetes mellitus due to underlying condition with unspecified diabetic
Diabetes mellitus	F08 311	ICD10	retinopathy with macular edema
Diabetes memeas	200.511	ICDIO	Diabetes mellitus due to underlying
			condition with unspecified diabetic
Diabetes mellitus	E08.319	ICD10	retinopathy without macular edema
			Diabetes mellitus due to underlying
			condition with mild nonproliferative
Diabetes mellitus	E08.32	ICD10	diabetic retinopathy
			Diabetes mellitus due to underlying
Diabatas mallitus	F00 221	ICD10	condition with mild nonproliferative
Diabetes mellitus	EU8.321	ICDIO	diabetic retinopathy with macular edema
Diabetes mellitus	E08.3211	ICD10	Diabetes with mild nonp rtnop with macular edema
			Diabetes with mild nonp rtnop with
Diabetes mellitus	E08.3212	ICD10	macular edema
			Diabetes with mild nonp rtnop with
Diabetes mellitus	E08.3213	ICD10	macular edema

			Diabetes with mild nonp rtnop with
Diabetes mellitus	E08.3219	ICD10	macular edema
Diabetes mellitus	E08.329	ICD10	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus	E08.3291	ICD10	Diabetes with mild nonp rtnop without macular edema
Diabetes mellitus	E08.3292	ICD10	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular
			Diabetes with mild nonp rtnop without
Diabetes mellitus	E08.3293	ICD10	macular edema
Diabetes mellitus	E08.3299	ICD10	Diabetes with mild nonp rtnop without macular edema
Diabetes mellitus	E08.33	ICD10	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy
Diabetes mellitus	F08 331	ICD10	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema
Diabetes mellitus			Diabetes with moderate nonp rtnop with macular edema
			Diabetes mellitus due to underlying condition with moderate nonproliferative
Diabetes mellitus	E08.3312	ICD10	diabetic retinopathy with macular edema  Diabetes with moderate nonp rtnop with
Diabetes mellitus	E08.3313	ICD10	macular edema
Diabetes mellitus	E08.3319	ICD10	Diabetes with moderate nonp rtnop with macular edema
Diabetes mellitus	E08.339	ICD10	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema

Diabatas mallitus	E08.3391	ICD10	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus  Diabetes mellitus	E08.3391		Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus	E08.3393	ICD10	Diabetes with moderate nonp rtnop without macular edema
Diabetes mellitus	E08.3399	ICD10	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus			Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy
Diabetes mellitus	E08.341	ICD10	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema
Diabetes mellitus	E08.3411	ICD10	Diabetes with severe nonp rtnop with macular edema
Diabetes mellitus	E08.3412	ICD10	Diabetes with severe nonp rtnop with macular edema
Diabetes mellitus	E08.3413	ICD10	Diabetes with severe nonp rtnop with macular edema
Diabetes mellitus	E08.3419	ICD10	Diabetes with severe nonp rtnop with macular edema
Diabetes mellitus	E08.349	ICD10	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus	E08.3491	ICD10	Diabetes with severe nonp rtnop without macular edema
Diabetes mellitus	E08.3492	ICD10	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema

			Diabetes with severe nonp rtnop without
Diabetes mellitus	E08.3493	ICD10	macular edema
			Diabetes with severe nonp rtnop without
Diabetes mellitus	E08.3499	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.35	ICD10	retinopathy
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.351	ICD10	retinopathy with macular edema
•			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.3511	ICD10	retinopathy with macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.3512	ICD10	retinopathy with macular edema
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3513	ICD10	macular edema
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3519	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
D: 1	500 252	10040	retinopathy with traction retinal
Diabetes mellitus	E08.352	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diahataa mallitus	F00 2F24	ICD10	retinopathy with traction retinal
Diabetes mellitus	EU8.3521	ICDIO	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.3522	ICD10	retinopathy with traction retinal
Dianetes meintus	EU0.3322	ICDIO	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic retinopathy with traction retinal
Diabetes mellitus	E08.3523	ICD10	detachment involving the macula
Diabetes menitus	200.3323	10010	_
			Diabetes mellitus due to underlying condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	F08.3529	ICD10	detachment involving the macula
z.abetes memtas			accasimilate myorving the macala

Diabetes mellitus	E08.353	ICD10	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula
Diabetes mellitus	E08.3531	ICD10	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula
Diabetes mellitus	E08.3532		Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula
Diabetes mellitus	E08.3533	ICD10	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula
Diabetes mellitus	E08.3539	ICD10	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula
Diabetes mellitus	E08 354	ICD10	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment
Diabetes mellitus	E08.3541		Diabetes with prolif diabetic rtnop with comb detach
Diabetes mellitus	E08.3542	ICD10	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment
Diabetes mellitus	E08.3543	ICD10	Diabetes with prolif diabetic rtnop with combined detach
Diabetes mellitus	E08.3549	ICD10	Diabetes with prolif diabetic rtnop with comb detach
Diabetes mellitus	E08.355	ICD10	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy

Diabetes mellitus	E08.4	ICD10	condition with neurological complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.39	ICD10	complication
			condition with other diabetic ophthalmic
Diabetes illellitus	200.577.5	10010	Diabetes mellitus due to underlying
Diabetes mellitus	E08.37X9	ICD10	condition with diabetic macular edema
Dianetes Hieilitus	LU0.3/A3	ICDIO	Diabetes with diabetic macdiar edema  Diabetes mellitus due to underlying
Diabetes mellitus	E08.37X2		Diabetes with diabetic macular edema
Diabetes mellitus	E08.37X2	ICD10	Diabetes mellitus due to underlying condition with diabetic macular edema
Diabetes mellitus	E08.37X1	ICD10	condition with diabetic macular edema
Diahataa wa 1121	F00 27V4	10040	Diabetes mellitus due to underlying
Diabetes mellitus	E08.37	ICD10	condition with diabetic macular edema
	F00.4=	.05	Diabetes mellitus due to underlying
Diabetes mellitus	E08.36	ICD10	condition with diabetic cataract
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3599	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3593	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3592	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
Diabetes illellitus	200.5551	10010	Diabetes mellitus due to underlying
Diabetes mellitus	E08.3591	JCD10	retinopathy without macular edema
			Diabetes mellitus due to underlying condition with proliferative diabetic
Diabetes mellitus	E08.359	ICD10	retinopathy without macular edema
Diabatas mallitus	F00 3F0	ICD10	condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3559	ICD10	retinopathy
			Diabetes with stable prolif diabetic
Diabetes mellitus	E08.3553	ICD10	retinopathy
			Diabetes with stable prolif diabetic
Diabetes mellitus	E08.3552	ICD10	retinopathy
			Diabetes with stable prolif diabetic
Diabetes mellitus	E08.3551	ICD10	retinopathy
			Diabetes with stable prolif diabetic

			Diabetes mellitus due to underlying
Diabetes mellitus	E08.40	ICD10	condition with diabetic neuropathy
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.41	ICD10	condition with diabetic mononeuropathy
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.42	ICD10	condition with diabetic polyneuropathy
			Diabetes mellitus due to underlying
			condition with diabetic autonomic
Diabetes mellitus	E08.43	ICD10	(poly)neuropathy
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.44	ICD10	condition with diabetic amyotrophy
			Diabetes mellitus due to underlying
			condition with other diabetic neurological
Diabetes mellitus	E08.49	ICD10	complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.5	ICD10	condition with circulatory complications
			Diabetes mellitus due to underlying
D'abata and H'	E00 E4	10040	condition with diabetic peripheral
Diabetes mellitus	E08.51	ICD10	angiopathy without gangrene
			Diabetes mellitus due to underlying
Diabetes mellitus	EU0 E3	ICD10	condition with diabetic peripheral angiopathy with gangrene
Diabetes meintus	EU0.32	ICDIO	Diabetes mellitus due to underlying
			condition with other circulatory
Diabetes mellitus	F08.59	ICD10	complications
Diabetes memeas	200.55	10220	Diabetes mellitus due to underlying
			condition with other specified
Diabetes mellitus	E08.6	ICD10	complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.61	ICD10	condition with diabetic arthropathy
			Diabetes mellitus due to underlying
			condition with diabetic neuropathic
Diabetes mellitus	E08.610	ICD10	arthropathy
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.618	ICD10	condition with other diabetic arthropathy
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.62	ICD10	condition with skin complications
			Diabetes mellitus due to underlying
			condition with diabetic necrobiosis
Diabetes mellitus	E08.620	ICD10	lipoidica

	1	1	
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.621	ICD10	condition with foot ulcer
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.622	ICD10	condition with other skin ulcer
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.628	ICD10	condition with other skin complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.63	ICD10	condition with oral complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.630	ICD10	condition with periodontal disease
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.638	ICD10	condition with other oral complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.64	ICD10	condition with hypoglycemia
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.641	ICD10	condition with hypoglycemia with coma
		(	Diabetes mellitus due to underlying
			condition with hypoglycemia without
Diabetes mellitus	E08.649	ICD10	coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.65	ICD10	condition with hyperglycemia
			Diabetes mellitus due to underlying
			condition with other specified
Diabetes mellitus	E08.69	ICD10	complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.8	ICD10	condition with unspecified complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.9	ICD10	condition without complications
			Drug or chemical induced diabetes
Diabetes mellitus	E09	ICD10	mellitus
			Drug or chemical induced diabetes
Diabetes mellitus	E09.0	ICD10	mellitus with hyperosmolarity
			Drug or chemical induced diabetes
			mellitus with hyperosmolarity without
Dishara a 100	F00 00	10040	nonketotic hyperglycemic-hyperosmolar
Diabetes mellitus	E09.00	ICD10	coma (NKHHC)
Dishara III	500.01	10516	Drug or chemical induced diabetes
Diabetes mellitus	E09.01	ICD10	mellitus with hyperosmolarity with coma
B. I		105 1 -	Drug or chemical induced diabetes
Diabetes mellitus	E09.1	ICD10	mellitus with ketoacidosis

			Drug or chemical induced diabetes
Diabetes mellitus	F09.10	ICD10	mellitus with ketoacidosis without coma
Diabetes memeas	203.20	10010	Drug or chemical induced diabetes
Diabetes mellitus	E09.11	ICD10	mellitus with ketoacidosis with coma
			Drug or chemical induced diabetes
Diabetes mellitus	E09.2	ICD10	mellitus with kidney complications
			Drug or chemical induced diabetes
Diabetes mellitus	E09.21	ICD10	mellitus with diabetic nephropathy
			Drug or chemical induced diabetes
			mellitus with diabetic chronic kidney
Diabetes mellitus	E09.22	ICD10	disease
			Drug or chemical induced diabetes
D. I	<b>500.00</b>	10540	mellitus with other diabetic kidney
Diabetes mellitus	E09.29	ICD10	complication
Diabetes mellitus	F00.2	ICD10	Drug or chemical induced diabetes
Diabetes meilitus	EU9.3	ICD10	mellitus with ophthalmic complications
			Drug or chemical induced diabetes mellitus with unspecified diabetic
Diabetes mellitus	F09 31	ICD10	retinopathy
Diabetes memeas	203.01	10010	Drug or chemical induced diabetes
			mellitus with unspecified diabetic
Diabetes mellitus	E09.311	ICD10	retinopathy with macular edema
			Drug or chemical induced diabetes
			mellitus with unspecified diabetic
Diabetes mellitus	E09.319	ICD10	retinopathy without macular edema
			Drug or chemical induced diabetes
			mellitus with mild nonproliferative
Diabetes mellitus	E09.32	ICD10	diabetic retinopathy
			Drug or chemical induced diabetes
Diabetes mellitus	F09 321	ICD10	mellitus with mild nonproliferative diabetic retinopathy with macular edema
Dianetes meintus	LU3.321	ICDIO	diabetic retinopatity with maculal edema
			Drug or chemical induced diabetes
			mellitus with mild nonproliferative
Diabetes mellitus	E09.3211	ICD10	diabetic retinopathy with macular edema
			Drug/chem diab with mild nonp rtnop
Diabetes mellitus	E09.3212	ICD10	with mclr edema
			Drug/chem diab with mild nonp rtnop
Diabetes mellitus	E09.3213	ICD10	with macular edema

			Drug/chem diab with mild nonp rtnop
Diabetes mellitus	E09.3219	ICD10	with macular edema
Diabetes mellitus	E09.329	ICD10	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
			Drug/chem diab with mild nonp rtnop w/o
Diabetes mellitus	E09.3291	ICD10	mclr edema
Diabetes mellitus	E09.3292	ICD10	Drug/chem diab with mild nonp rtnop w/o mclr edema
Diabetes mellitus	E09.3293	ICD10	Drug/chem diab with mild nonp rtnop without mclr edema
Diabetes mellitus	E09.3299	ICD10	Drug/chem diab with mild nonp rtnop without mclr edema
Diabetes mellitus	E09.33	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy
Diabetes mellitus	E09.331	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
Diabetes mellitus	E09.3311	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3312	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3313	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3319	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.339	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus	E09.3391		Drug/chem diab with mod nonp rtnop without mclr edema
Diabetes mellitus	E09.3392		Drug/chem diab with mod nonp rtnop without mclr edema
Diabetes mellitus	E09.3393	ICD10	Drug/chem diab with mod nonp rtnop without macular edema

			Drug/chem diab with mod nonp rtnop
Diabetes mellitus	E09.3399	ICD10	without mclr edema
		.0220	Drug or chemical induced diabetes
			mellitus with severe nonproliferative
Diabetes mellitus	E09.34	ICD10	diabetic retinopathy
			Drug or chemical induced diabetes
			mellitus with severe nonproliferative
Diabetes mellitus	E09.341	ICD10	diabetic retinopathy with macular edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3411	ICD10	with mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3412	ICD10	with mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3413	ICD10	with macular edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3419	ICD10	with mclr edema
			Drug or chemical induced diabetes
			mellitus with severe nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E09.349	ICD10	edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3491	ICD10	w/o mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3492	ICD10	w/o mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3493	ICD10	without mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3499	ICD10	w/o mclr edema
			Drug or chemical induced diabetes
			mellitus with proliferative diabetic
Diabetes mellitus	E09.35	ICD10	retinopathy
			Drug or chemical induced diabetes
			mellitus with proliferative diabetic
Diabetes mellitus	E09.351	ICD10	retinopathy with macular edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3511	ICD10	with mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3512	ICD10	with mclr edema

Diabetes mellitus	E09.3543	ICD10	Drug/chem diab with prolif diab rtnop with comb detach
Diabetes mellitus	E09.3542	ICD10	Drug/chem diab w prolif diab rtnop with comb detach
Diabetes mellitus	E09.3541	ICD10	Drug/chem diab w prolif diab rtnop with comb detach
Diabetes mellitus	E09.354	ICD10	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment
Diabetes mellitus	E09.3539	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch n-mcla
Diabetes mellitus	E09.3533	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch n-mcla
Diabetes mellitus			Drug/chem diab w prolif diab rtnop w trctn dtch n-mcla
Diabetes mellitus			Drug/chem diab w prolif diab rtnop w trctn dtch n-mcla
Diabetes mellitus	E09.353	ICD10	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula
Diabetes mellitus	E09.3529	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch macula
Diabetes mellitus	E09.3523	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch macula
Diabetes mellitus	E09.3522	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch macula
Diabetes mellitus	E09.3521	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch macula
Diabetes mellitus	E09.352	ICD10	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula
Diabetes mellitus	E09.3519	ICD10	Drug/chem diab with prolif diab rtnop with mclr edema
Diabetes mellitus	E09.3513	ICD10	Drug/chem diab with prolif diab rtnop with macular edema

			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3549	ICD10	with comb detach
			Drug or chemical induced diabetes
			mellitus with stable proliferative diabetic
Diabetes mellitus	E09.355	ICD10	retinopathy
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3551	ICD10	diabetic rtnop
			Drug/chem diab with stable prolif diabetic
Diabetes mellitus	E09.3552	ICD10	rtnop
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3553	ICD10	diabetic rtnop
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3559	ICD10	diabetic rtnop
		<b>6</b>	Drug or chemical induced diabetes
			mellitus with proliferative diabetic
Diabetes mellitus	E09.359	ICD10	retinopathy without macular edema
		(	Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3591	ICD10	w/o mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3592	ICD10	w/o mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3593	ICD10	without mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3599	ICD10	w/o mclr edema
			Drug or chemical induced diabetes
Diabetes mellitus	E09.36	ICD10	mellitus with diabetic cataract
			Drug or chemical induced diabetes
Diabetes mellitus			mellitus with diabetic macular edema
Diabetes mellitus	E09.37X1		Drug/chem diab w diab mclr edma
Diabetes mellitus	E09.37X2		Drug/chem diab w diab mclr edma
Diabetes mellitus	E09.37X3		Drug/chem diab with diab mclr edema
Diabetes mellitus	E09.37X9	ICD10	Drug/chem diab with diab mclr edma
			Drug/chem diabetes w oth diabetic
Diabetes mellitus	E09.39	ICD10	ophthalmic complication
			Drug or chemical induced diabetes
Diabetes mellitus	E09.4	ICD10	mellitus with neurological complications
			Drug or chemical induced diabetes
			mellitus with neurological complications
Diabetes mellitus	E09.40	ICD10	with diabetic neuropathy

Diabetes mellitus	E09.622	ICD10	mellitus with other skin ulcer
Diabetes meilitus	E09.621	ICDIO	Drug or chemical induced diabetes
Diabetes mellitus	E09.621	ICD10	Drug or chemical induced diabetes mellitus with foot ulcer
Diabetes mellitus	E09.620	ICD10	Drug/chem diabetes mellitus w diabetic dermatitis
Diabetes mellitus	E09.62	ICD10	Drug or chemical induced diabetes mellitus with skin complications
Diabetes mellitus	E09.618	ICD10	Drug/chem diabetes mellitus w oth diabetic arthropathy
Diabetes mellitus	E09.610	ICD10	Drug/chem diabetes w diabetic neuropathic arthropathy
Diabetes mellitus	E09.61	ICD10	Drug or chemical induced diabetes mellitus with diabetic arthropathy
Diabetes mellitus	E09.6	ICD10	Drug or chemical induced diabetes mellitus with other specified complications
Diabetes mellitus	E09.59	ICD10	Drug/chem diabetes mellitus w oth circulatory complications
Diabetes mellitus	E09.52	ICD10	Drug/chem diabetes w diabetic prph angiopath w gangrene
Diabetes mellitus	E09.51	ICD10	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene
Diabetes mellitus	E09.5	ICD10	Drug or chemical induced diabetes mellitus with circulatory complications
Diabetes mellitus	E09.49	ICD10	Drug/chem diabetes w neuro comp w oth diabetic neuro comp
Diabetes mellitus	E09.44	ICD10	Drug/chem diabetes w neurological comp w diabetic amyotrophy
Diabetes mellitus	E09.43	ICD10	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy
Diabetes mellitus	E09.42	ICD10	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy
Diabetes mellitus	E09.41	ICD10	Drug/chem diabetes w neuro comp w diabetic mononeuropathy

			Drug/chem diabetes mellitus w oth skin
Diabetes mellitus	E09.628	ICD10	complications
			Drug or chemical induced diabetes
Diabetes mellitus	E09.63	ICD10	mellitus with oral complications
			Drug/chem diabetes mellitus w
Diabetes mellitus	E09.630	ICD10	periodontal disease
- III	500.500	10540	Drug/chem diabetes mellitus w oth oral
Diabetes mellitus	E09.638	ICD10	complications
Diabetes mellitus	E00 64	ICD10	Drug or chemical induced diabetes
Diabetes meintus	E09.04	ICDIO	mellitus with hypoglycemia Drug/chem diabetes mellitus w
Diabetes mellitus	F09.641	ICD10	hypoglycemia w coma
		.0220	, p=8., y=8
			Drug or chemical induced diabetes
Diabetes mellitus	E09.649	ICD10	mellitus with hypoglycemia without coma
			Drug or chemical induced diabetes
Diabetes mellitus	E09.65	ICD10	mellitus with hyperglycemia
D'abata and H'i	500.60	10040	Drug or chemical induced diabetes
Diabetes mellitus	E09.69	ICDIO	mellitus with other specified complication
Diabetes mellitus	F09.8	ICD10	Drug or chemical induced diabetes mellitus with unspecified complications
Diabetes meintus	203.8	ICDIO	Drug or chemical induced diabetes
Diabetes mellitus	E09.9	ICD10	mellitus without complications
Diabetes mellitus	E13.0		Other specified diabetes mellitus
			Other specified diabetes mellitus with
Diabetes mellitus	E13.0	ICD10	hyperosmolarity
			Other specified diabetes mellitus with
			hyperosmolarity without nonketotic
			hyperglycemic-hyperosmolar coma
Diabetes mellitus	E13.00	ICD10	(NKHHC)
Diahatas mallitus	F12.04	ICD40	Other specified diabetes mellitus with
Diabetes mellitus	E13.01	ICDIO	hyperosmolarity with coma
Diabetes mellitus	F13 1	ICD10	Other specified diabetes mellitus with ketoacidosis
Diabetes memeas	113.1	10010	Other specified diabetes mellitus with
Diabetes mellitus	E13.10	ICD10	ketoacidosis without coma
			Other specified diabetes mellitus with
Diabetes mellitus	E13.11	ICD10	ketoacidosis with coma

Diabetes mellitus  E13.2 ICD10 kidney complications  Other specified diabetes mellitus with diabetic nephropathy  Other specified diabetes mellitus with diabetic chronic kidney disease  Other specified diabetes mellitus with diabetic chronic kidney disease  Other specified diabetes mellitus with other diabetic kidney complication  Other specified diabetes mellitus with other diabetic kidney complication  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with diabetic cataract  Other specified diabetes mellitus with diabetic macular edema  Other specified diabetes mellitus with other diabetic ophthalmic complication other specified diabetes mellitus with other diabetic ophthalmic complication other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic polyneuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with				Other specified dishetes mollitus with
Diabetes mellitus  E13.21 ICD10 diabetic nephropathy  Other specified diabetes mellitus with diabetic chronic kidney disease  Other specified diabetes mellitus with diabetic chronic kidney disease  Other specified diabetes mellitus with diabetic kidney complication  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with diabetic charact  Other specified diabetes mellitus with diabetic macular edema  Other specified diabetes mellitus with diabetic complication other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with other diabetic neuropathy  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic neurological complication  Other specified diabetes mellitus with diabetic neurological complication  Other specified diabetes mellitus with	Diahotos mollitus	E12.2	ICD10	Other specified diabetes mellitus with
Diabetes mellitus  E13.21 ICD10 diabetic nephropathy  Other specified diabetes mellitus with diabetic kidney disease  Other specified diabetes mellitus with other diabetic kidney complications  Other specified diabetes mellitus with other diabetic kidney complication  Other specified diabetes mellitus with other diabetic kidney complication  Other specified diabetes mellitus with other diabetic kidney complications  Other specified diabetes mellitus with diabetes mellitus with diabetic cataract  Other specified diabetes mellitus with diabetic macular edema  Other specified diabetes mellitus with neurological complication  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic neurological complication  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic neurological complication  Other specified diabet	Diabetes meintus	L13.2	ICDIO	· · · · · · · · · · · · · · · · · · ·
Diabetes mellitus  E13.22 ICD10 diabetic chronic kidney disease  Other specified diabetes mellitus with other specified diabetes mellitus with other specified diabetes mellitus with ophthalmic complication  Diabetes mellitus  E13.33 ICD10 Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with diabetic cataract  Other specified diabetes mellitus with diabetic macular edema  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with neurological complication  Other specified diabetes mellitus with neurological complication  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  O	Dishetes mellitus	F12 21	ICD10	•
Diabetes mellitus E13.22 ICD10 diabetic chronic kidney disease  Other specified diabetes mellitus with other diabetic kidney complication  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with diabetic cataract  Other specified diabetes mellitus with diabetic macular edema  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other spec	Diabetes meintus	L13.21	ICDIO	· · · ·
Diabetes mellitus  E13.29 ICD10 other specified diabetes mellitus with other diabetic kidney complication  Other specified diabetes mellitus with other specified diabetes mellitus with diabetic cataract  Other specified diabetes mellitus with diabetic cataract  Other specified diabetes mellitus with diabetic macular edema  Other specified diabetes mellitus with diabetic ophthalmic complication  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	Diahotos mollitus	E12 22	ICD10	·
Diabetes mellitus  E13.29 ICD10 other diabetic kidney complication  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with ophthalmic complications  Other specified diabetes mellitus with diabetic cataract  Other specified diabetes mellitus with diabetic macular edema  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic polyneuropathy  Other specified diabetes mellitus with diabetic polyneuropathy  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetes mellitus w	Diabetes memtas	L13.22	ICDIO	,
Diabetes mellitus  E13.3 ICD10 ophthalmic complications  Other specified diabetes mellitus with diabetes mellitus with diabetes mellitus with Diabetes mellitus  E13.37 ICD10 diabetic macular edema  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with other diabetic neuropathy  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with other specified diabetes mellitus with other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetes mellitus with diabetic polyneuropathy  Other specified diabetes mellitus with other	Diahetes mellitus	F13 20	ICD10	·
Diabetes mellitus  E13.36 ICD10 ophthalmic complications  Other specified diabetes mellitus with diabetic cataract  Other specified diabetes mellitus with diabetic macular edema  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with other diabete	Diabetes meintas	L13.23	ICDIO	·
Diabetes mellitus  E13.36 ICD10 diabetic cataract  Other specified diabetes mellitus with other diabetes mellitus with neurological complication of the specified diabetes mellitus with neurological complications  Diabetes mellitus  E13.40 ICD10 diabetes mellitus with diabete	Diahetes mellitus	F13.3	ICD10	·
Diabetes mellitus  E13.37 ICD10 diabetic cataract  Other specified diabetes mellitus with other diabetic ophthalmic complication of the specified diabetes mellitus with neurological complications  Diabetes mellitus  E13.40 ICD10 diabetes mellitus with	Diabetes memtas	L13.3	ICDIO	·
Diabetes mellitus  E13.37 ICD10  Diabetes mellitus  E13.37X1 ICD10  Diabetes mellitus  E13.37X1 ICD10  Diabetes mellitus  E13.37X2 ICD10  Diabetes mellitus  E13.37X2 ICD10  Diabetes mellitus  E13.37X3 ICD10  Diabetes mellitus  E13.37X9 ICD10  Diabetes mellitus  E13.37X9 ICD10  Diabetes mellitus  E13.39 ICD10  Diabetes mellitus  E13.40 ICD10  Diabetes mellitus  E13.41 ICD10  Diabetes mellitus  E13.42 ICD10  Diabetes mellitus  E13.43 ICD10  Diabetes mellitus  E13.44 ICD10  Diabetes mellitus  E13.45 ICD10  Diabetes mellitus  E13.46 ICD10  Diabetes mellitus  E13.47 ICD10  Diabetes mellitus  E13.48 ICD10  Diabetes mellitus  E13.49 ICD10  Diabetes mellitus with  Diabetes mellitus with  Diabetes mellitus  E13.49 ICD10  Diabetes mellitus with  Diabetes mellitus with  Diabetes mellitus with  Diabetes mellitus  E13.49 ICD10  Diabetes mellitus with  Diabetes mellitus with  Diabetes mellitus  E13.49 ICD10  Diabetes mellitus with  Diabetes mellitus with  Diabetes mellitus  E13.49 ICD10  Diabetes mellitus with  Diabetes mellitus with  Diabetes mellitus  E13.49 ICD10  Diabetes mellitus  Diabetes mellitus  E13.49 ICD10  Diabetes mellitus  Diabetes mellitus  Diabetes mellitus  Diabetes mellitus  Diabetes mellitus  Diabetes mellitus	Diahetes mellitus	F13 36	ICD10	·
Diabetes mellitus  E13.37 ICD10 diabetic macular edema  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic polyneuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	Diabetes memtas	L13.50	ICDIO	
Other specified diabetes mellitus with Diabetes mellitus  E13.37X1 ICD10 diabetic macular edema  Other specified diabetes mellitus with Diabetes mellitus  E13.37X2 ICD10 diabetic macular edema  Other specified diabetes mellitus with Diabetes mellitus  E13.37X3 ICD10 diabetic macular edema  Other specified diabetes mellitus with Diabetes mellitus  E13.37X9 ICD10 diabetic macular edema  Other specified diabetes mellitus with Diabetes mellitus  E13.39 ICD10 other specified diabetes mellitus with Other specified diabetes mellitus with Diabetes mellitus  E13.4 ICD10 other specified diabetes mellitus with Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.43 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication Other specified diabetes mellitus with	Diahetes mellitus	F13 37	JCD10	·
Diabetes mellitus  E13.37X1 ICD10 diabetic macular edema  Other specified diabetes mellitus with  Diabetes mellitus  E13.37X2 ICD10 diabetic macular edema  Other specified diabetes mellitus with  Diabetes mellitus  E13.37X3 ICD10 diabetic macular edema  Other specified diabetes mellitus with  Diabetes mellitus  E13.37X9 ICD10 diabetic macular edema  Other specified diabetes mellitus with  Diabetes mellitus  E13.39 ICD10 other diabetic ophthalmic complication  Other specified diabetes mellitus with  neurological complications  Other specified diabetes mellitus with  Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with  Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with	Diabetes memeas	L13.37	10010	
Diabetes mellitus  E13.37X2 ICD10 diabetic macular edema  Other specified diabetes mellitus with other diabetic ophthalmic complication  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic polyneuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic amyotrophy  Other specified diabetes mellitus with diabetic amyotrophy  Other specified diabetes mellitus with diabetes mellitus with diabetes mellitus with diabetes mellitus with diabetic amyotrophy  Other specified diabetes mellitus with diabetes melli	Diahetes mellitus	F13 37X1	ICD10	·
Diabetes mellitus E13.37X2 ICD10 diabetic macular edema  Other specified diabetes mellitus with other specified diabetes mellitus with other diabetes mellitus with Diabetes mellitus  E13.39 ICD10 other specified diabetes mellitus with other diabetes ophthalmic complication Other specified diabetes mellitus with neurological complications  Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with diabetic neuropathy  Other specified diabetes mellitus with diabetes mellitus with diabetes mellitus with diabetic polyneuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic amyotrophy  Other specified diabetes mellitus with Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with Diabetes mellitus with Diabetes mellitus  Other specified diabetes mellitus with Diabetes	Diabetes memeas	LIS.STAI	ICDIO	
Diabetes mellitus  E13.37X3 ICD10 diabetic macular edema  Other specified diabetes mellitus with Diabetes mellitus  E13.37X9 ICD10 diabetic macular edema  Other specified diabetes mellitus with Diabetes mellitus  E13.39 ICD10 other diabetic ophthalmic complication  Other specified diabetes mellitus with Diabetes mellitus  E13.4 ICD10 neurological complications  Other specified diabetes mellitus with Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with  Other specified diabetes mellitus with Diabetes mellitus  Other specified diabetes mellitus with	Diahetes mellitus	F13 37X2	ICD10	•
Diabetes mellitus  E13.37X3 ICD10 diabetic macular edema  Other specified diabetes mellitus with diabetes mellitus with Diabetes mellitus  E13.37X9 ICD10 other specified diabetes mellitus with Diabetes mellitus  E13.40 ICD10 other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with diabetes mellitus with Diabetes mellitus  E13.41 ICD10 diabetic neuropathy  Other specified diabetes mellitus with diabetic mononeuropathy  Other specified diabetes mellitus with diabetic polyneuropathy  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with diabetic amyotrophy  Other specified diabetes mellitus with diabetes mellitus with diabetes mellitus with diabetic amyotrophy  Other specified diabetes mellitus with diabetes mellit	Diabetes memeas	LIS.STAL	ICDIO	
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Diabetes mellitus  E13.37X9 ICD10 diabetic macular edema  Other specified diabetes mellitus with Diabetes mellitus  E13.39 ICD10 other diabetic ophthalmic complication  Other specified diabetes mellitus with neurological complications  Other specified diabetes mellitus with Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication Other specified diabetes mellitus with	Diabetes memeas	LIS.STAS	10010	
Other specified diabetes mellitus with  Diabetes mellitus  E13.39 ICD10 other diabetic ophthalmic complication  Other specified diabetes mellitus with  Diabetes mellitus  E13.4 ICD10 neurological complications  Other specified diabetes mellitus with  Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with  Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with	Diabetes mellitus	F13.37X9	ICD10	
Diabetes mellitus  E13.39 ICD10 other diabetic ophthalmic complication  Other specified diabetes mellitus with  Diabetes mellitus  E13.41 ICD10 diabetic neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.41 ICD10 diabetic neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with  Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with	Diabetes memeas	LIS.STAS	10010	
Other specified diabetes mellitus with Diabetes mellitus  E13.4 ICD10 neurological complications  Other specified diabetes mellitus with Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication Other specified diabetes mellitus with	Diabetes mellitus	E13.39	ICD10	
Diabetes mellitus  E13.4 ICD10 neurological complications  Other specified diabetes mellitus with  Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with  Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with				
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Diabetes mellitus  E13.40 ICD10 diabetic neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with  Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with				
Other specified diabetes mellitus with Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with	Diabetes mellitus	E13.40	ICD10	
Diabetes mellitus  E13.41 ICD10 diabetic mononeuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with				
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Diabetes mellitus  E13.42 ICD10 diabetic polyneuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with  Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with				
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Diabetes mellitus  E13.43 ICD10 diabetic autonomic (poly)neuropathy  Other specified diabetes mellitus with  Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with  Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with				. , ,
Other specified diabetes mellitus with Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with	Diabetes mellitus	E13.43	ICD10	·
Diabetes mellitus  E13.44 ICD10 diabetic amyotrophy  Other specified diabetes mellitus with  Diabetes mellitus  E13.49 ICD10 other diabetic neurological complication  Other specified diabetes mellitus with				
Other specified diabetes mellitus with Diabetes mellitus E13.49 ICD10 other diabetic neurological complication Other specified diabetes mellitus with	Diabetes mellitus	E13.44	ICD10	·
Diabetes mellitus E13.49 ICD10 other diabetic neurological complication Other specified diabetes mellitus with				, , ,
Other specified diabetes mellitus with	Diabetes mellitus	E13.49	ICD10	
· · · · · · · · · · · · · · · · · · ·				
	Diabetes mellitus	E13.5	ICD10	·

			Other specified diabetes mellitus with
Diabetes mellitus	E12 E1	ICD10	diabetic peripheral angiopathy without
Diabetes meilitus	E13.51	ICDIO	gangrene
			Other specified diabetes mellitus with
Diabetes mellitus	E12 E2	ICD10	diabetic peripheral angiopathy with gangrene
Diabetes meintus	L13.32	ICDIO	
Diabetes mellitus	F12 50	ICD10	Other specified diabetes mellitus with other circulatory complications
Diabetes meintus	L13.33	ICDIO	Other specified diabetes mellitus with
Diabetes mellitus	F13 6	ICD10	other specified complications
Diabetes meintas	L13.0	ICDIO	Other specified diabetes mellitus with
Diabetes mellitus	F13 61	ICD10	diabetic arthropathy
Diabetes memeas	L13.01	ICDIO	Other specified diabetes mellitus with
Diabetes mellitus	F13.610	JCD10	diabetic neuropathic arthropathy
Diagotes memeas	210.010	100 20	Other specified diabetes mellitus with
Diabetes mellitus	E13.618	ICD10	other diabetic arthropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.62	ICD10	skin complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.620	ICD10	diabetic necrobiosis lipoidica
			Other specified diabetes mellitus with
Diabetes mellitus	E13.621	ICD10	foot ulcer
			Other specified diabetes mellitus with
Diabetes mellitus	E13.622	ICD10	other skin ulcer
			Other specified diabetes mellitus with
Diabetes mellitus	E13.628	ICD10	other skin complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.63	ICD10	oral complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.630	ICD10	periodontal disease
			Other specified diabetes mellitus with
Diabetes mellitus	E13.638	ICD10	other oral complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.64	ICD10	hypoglycemia
			Other specified diabetes mellitus with
Diabetes mellitus	E13.641	ICD10	hypoglycemia with coma
			Other specified diabetes mellitus with
Diabetes mellitus	E13.649	ICD10	hypoglycemia without coma
			Other specified diabetes mellitus with
Diabetes mellitus	E13.65	ICD10	hyperglycemia

Diabetes mellitus	E12 60	ICD10	Other specified diabetes mellitus with other specified complication
Diabetes meintus	E13.09	ICDIO	· · · · · · · · · · · · · · · · · · ·
Diabetes mellitus	F12.0	ICD10	Other specified diabetes mellitus with
Diabetes meilitus	£13.8	ICDIO	unspecified complications
District and Hills	F42.0	16040	Other specified diabetes mellitus without
Diabetes mellitus			complications
Heart failure	428		Heart failure
Heart failure	428		Congestive heart failure (CHF) NOS
Heart failure	428		Congestive heart failure (CHF) NOS **
Heart failure	428.1		Left heart failure
Heart failure	428.2		Systolic heart failure
Heart failure	428.2		Systolic heart failure
Heart failure	428.21	ICD9	Systolic heart failure
Heart failure	428.22	ICD9	Systolic heart failure
Heart failure	428.23	ICD9	Systolic heart failure
Heart failure	428.3	ICD9	Diastolic heart failure
Heart failure	428.3	ICD9	Diastolic heart failure
Heart failure	428.31	ICD9	Diastolic heart failure
Heart failure	428.32	ICD9	Diastolic heart failure
Heart failure	428.33	ICD9	Diastolic heart failure
			Combined systolic and diastolic heart
Heart failure	428.4	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.4	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.41	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.42	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.43	ICD9	failure
Heart failure	428.9		Heart failure unspecified
Heart failure	150		Heart failure
Heart failure	+		Left ventricular failure
Heart failure	150.1		Systolic (congestive) heart failure
Tical Cialiai C	150.2	10010	Unspecified systolic (congestive) heart
Heart failure	150.20	ICD10	. , , , , ,
Heart failure			Acute systolic (congestive) heart failure
Heart failure	150.22		Chronic systolic (congestive) heart failure
2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			Acute on chronic systolic (congestive)
Heart failure	150 23	ICD10	heart failure
rical Clanale	130.23	ICDIO	near cranure

Heart failure	150.3	ICD10	Diastolic (congestive) heart failure
			Unspecified diastolic (congestive) heart
Heart failure	150.30	ICD10	failure
Heart failure	I50.31	ICD10	Acute diastolic (congestive) heart failure
Heart failure	150.32	ICD10	Chronic diastolic (congestive) heart failure
			Acute on chronic diastolic (congestive)
Heart failure	150.33	ICD10	heart failure
			Combined systolic (congestive) and
Heart failure	150.4	ICD10	diastolic (congestive) heart failure
•			Unspecified combined systolic
			(congestive) and diastolic (congestive)
Heart failure	150.40	ICD10	heart failure
		4	Acute combined systolic (congestive) and
Heart failure	150.41	ICD10	diastolic (congestive) heart failure
			Chronic combined systolic (congestive)
Heart failure	150.42	ICD10	and diastolic (congestive) heart failure
			Acute on chronic combined systolic
			(congestive) and diastolic (congestive)
Heart failure	150.43	ICD10	heart failure
Heart failure	150.8	ICD10	Other heart failure
Heart failure	150.81	ICD10	Right heart failure
Heart failure	150.810	ICD10	Right ventricular failure NOS
Heart failure	I50.811	ICD10	Acute right heart failure
Heart failure	150.812	ICD10	Chronic right heart failure
Heart failure	150.813	ICD10	Acute on chronic right heart failure
			Right ventricular failure secondary to left
Heart failure	150.814	ICD10	ventricular failure
Heart failure	150.82	ICD10	Biventricular heart failure
Heart failure	150.83	ICD10	High output heart failure
Heart failure	150.84	ICD10	Stage D heart failure
Heart failure	150.89	ICD10	Other heart failure
Heart failure	150.9	ICD10	Heart failure
Hypertension	401	ICD9	Essential hypertension
Hypertension	401.1	ICD9	Benign essential hypertension
Hypertension	401.9	ICD9	Hypertension NOS
Hypertension	459.3	ICD9	Chronic venous hypertension (idiopathic)
			Chronic venous hypertension without
Hypertension	459.3	ICD9	complications
Hypertension	459.31	ICD9	Chronic venous hypertension with ulcer

			Chronic venous hypertension with
Hypertension	459.32	ICD9	inflammation
			Chronic venous hypertension with ulcer
Hypertension	459.33	ICD9	and inflammation
			Chronic venous hypertension with other
Hypertension	459.39	ICD9	complication
Hypertension	642	ICD9	Hypertension complicating pregnancy
Hypertension	642.04	ICD9	Benign essential hypertension
Hypertension	642.1	ICD9	Hypertension secondary to renal disease
Hypertension	642.1	ICD9	Hypertension secondary to renal disease
Hypertension	642.11	ICD9	Hypertension secondary to renal disease
Hypertension	642.12	ICD9	Hypertension secondary to renal disease
Hypertension	642.13	ICD9	Hypertension secondary to renal disease
Hypertension	642.14	ICD9	Hypertension secondary to renal disease
			Other pre-existing hypertension
Hypertension	642.2	ICD9	complicating pregnancy
			Other pre-existing hypertension
Hypertension	642.2	ICD9	complicating pregnancy
Hypertension	642.21	ICD9	Other pre-existing hypertension
Hypertension	642.22	ICD9	Other pre-existing hypertension
Hypertension	642.23	ICD9	Other pre-existing hypertension
Hypertension	642.24	ICD9	Other pre-existing hypertension
			Unspecified hypertension complicating
Hypertension	642.9	ICD9	pregnancy
			Unspecified hypertension complicating
Hypertension	642.9	ICD9	pregnancy
Hypertension	642.91	ICD9	Unspecified hypertension
Hypertension	642.92	ICD9	Unspecified hypertension
Hypertension	642.93	ICD9	Unspecified antepartum hypertension
Hypertension	642.94	ICD9	Unspecified postpartum hypertension
Hypertension	997.91	ICD9	Hypertension
Hypertension	110	ICD10	Essential (primary) hypertension
Hypertension	127.0	ICD10	Primary pulmonary hypertension
Hypertension	187.3	ICD10	Chronic venous hypertension (idiopathic)
			Chronic venous hypertension (idiopathic)
Hypertension	187.30	ICD10	without complications
			Chronic venous hypertension (idiopathic)
			without complications of right lower
Hypertension	187.301	ICD10	extremity

			Chronic venous hypertension (idiopathic)
Hypertension	187.302	ICD10	without complications of left lower extremity
Hypertension	187.303	ICD10	Chronic venous hypertension (idiopathic) without complications of bilateral lower extremity
, por consist	1071000	.0220	Chronic venous hypertension (idiopathic)
			without complications of unspecified
Hypertension	187.309	ICD10	lower extremity  Chronic vaneus by partonsian (idianathic)
Hypertension	187.31	ICD10	Chronic venous hypertension (idiopathic) with ulcer
Hypertension	187.311	ICD10	Chronic venous hypertension (idiopathic) with ulcer of right lower extremity
		4	Chronic venous hypertension (idiopathic)
Hypertension	187.312	ICD10	with ulcer of left lower extremity
Hypertension	187.313	ICD10	Chronic venous hypertension (idiopathic) with ulcer of bilateral lower extremity
, p.c. cc	1071020	.02.2	Chronic venous hypertension (idiopathic)
Hypertension	187.319	ICD10	with ulcer of unspecified lower extremity
Librarata asi sa	107.22	10010	Chronic venous hypertension (idiopathic)
Hypertension	187.32	ICD10	with inflammation
Hypertension	187.321	ICD10	Chronic venous hypertension w inflammation of r low extrem
71			
Ll out ou sin s	107 222	10010	Chronic venous hypertension (idiopathic)
Hypertension	187.322	ICDIO	with inflammation of left lower extremity Chronic venous hypertension (idiopathic)
			with inflammation of bilateral lower
Hypertension	187.323	ICD10	extremity
			Chronic venous hypertension w
Hypertension	187.329	ICD10	inflammation of unsp low extrm
Hypertension	187.33	ICD10	Chronic venous hypertension (idiopathic) with ulcer and inflammation
Trypertension	107.55	ICDIO	Chronic venous hypertension (idiopathic)
			with ulcer and inflammation of right
Hypertension	187.331	ICD10	lower extremity
			Chronic venous hypertension (idiopathic)
	,		with ulcer and inflammation of left lower
Hypertension	187.332	ICD10	extremity

			Chronic venous hypertension (idiopathic)
			with ulcer and inflammation of bilateral
Hypertension	187.333	ICD10	lower extremity
			Chronic venous hypertension (idiopathic)
			with ulcer and inflammation of
Hypertension	187.339	ICD10	unspecified lower extremity
			Chronic venous hypertension (idiopathic)
Hypertension	187.39	ICD10	with other complications
			Chronic venous hypertension w oth comp
Hypertension	187.391	ICD10	of r low extrem
			Chronic venous hypertension w oth comp
Hypertension	187.392	ICD10	of I low extrem
			Chronic venous hypertension (idiopathic)
		6	with other complications of bilateral
Hypertension	187.393	ICD10	lower extremity
			Chronic venous hypertension (idiopathic)
	107.200	10040	with other complications of unspecified
Hypertension	187.399	ICD10	lower extremity
	0400	10040	Pre-existing hypertension complicating
Hypertension	010.0	ICD10	pregnancy
	0400	10040	Pre-existing essential hypertension
Hypertension	010.0	ICD10	complicating pregnancy
	010.01	10010	Pre-existing essential hypertension
Hypertension	010.01	ICDIO	complicating pregnancy
	010.011	10010	Pre-existing essential hypertension
Hypertension	010.011	ICDIO	complicating pregnancy
	010.013	ICD10	Pre-existing essential hypertension
Hypertension	010.012	ICDIO	complicating pregnancy
Lhunartancian	010.013	ICD10	Pre-existing essential hypertension
Hypertension	010.013	ICDIO	complicating pregnancy
Lhunartancian	010.010	ICD10	Pre-existing essential hypertension
Hypertension	010.019	ICDIO	complicating pregnancy
Hyportopsics	010.03	ICD10	Pre-existing essential hypertension
Hypertension	010.02	ICDIO	complicating childbirth
Hyportonsion	010.03	ICD10	Pre-existing essential hypertension complicating the puerperium
Hypertension	010.03	ICDIO	
Hypertension	010.1	ICD10	Pre-existing hypertensive heart disease complicating pregnancy
Tryper tension	010.1	ICDIO	Pre-existing hypertensive heart disease
Hypertension	010 11	ICD10	complicating pregnancy
rrypertension	010.11	ICDIO	complicating pregnancy

	T		Pre-existing hypertensive heart disease
Hypertension	010 111	ICD10	complicating pregnancy
туретсплоп	010.111	ICDIO	Pre-existing hypertensive heart disease
Hypertension	010 112	ICD10	complicating pregnancy
туретсензіон	010.112	ICDIO	Pre-existing hypertensive heart disease
Hypertension	010 113	ICD10	complicating pregnancy
Турстстыот	010.113	ICDIO	Pre-existing hypertensive heart disease
Hypertension	010.119	ICD10	complicating pregnancy
Try per teriorer	010:113	10010	Pre-existing hypertensive heart disease
Hypertension	010.12	ICD10	complicating childbirth
7,7,000,000,000			Pre-existing hypertensive heart disease
Hypertension	010.13	ICD10	complicating the puerperium
71			Pre-existing hypertensive chronic kidney
Hypertension	010.2	ICD10	disease complicating pregnancy
			Pre-existing hypertensive chronic kidney
Hypertension	010.21	ICD10	disease complicating pregnancy
, .			Pre-existing hypertensive chronic kidney
Hypertension	010.211	ICD10	disease complicating pregnancy
			Pre-existing hypertensive chronic kidney
Hypertension	010.212	ICD10	disease complicating pregnancy
			Pre-existing hypertensive chronic kidney
Hypertension	010.213	ICD10	disease complicating pregnancy
			Pre-existing hypertensive chronic kidney
Hypertension	010.219	ICD10	disease complicating pregnancy
			Pre-existing hypertensive chronic kidney
Hypertension	010.22	ICD10	disease complicating childbirth
			Pre-existing hypertensive chronic kidney
Hypertension	010.23	ICD10	disease complicating the puerperium
			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.3	ICD10	pregnancy
			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.31	ICD10	pregnancy
			Pre-existing hypertensive heart and
	040.344	10040	chronic kidney disease complicating
Hypertension	010.311	ICD10	pregnancy
			Pre-existing hypertensive heart and
Hyportonsian	010 212	ICD10	chronic kidney disease complicating
Hypertension	010.312	ICDIO	pregnancy

			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.313	ICD10	pregnancy
			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.319	ICD10	pregnancy
			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.32	ICD10	childbirth
			Pre-existing hypertensive heart and
			chronic kidney disease complicating the
Hypertension	010.33	ICD10	puerperium
			Pre-existing secondary hypertension
Hypertension	010.4	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.41	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.411	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.412	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.413	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.419	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.42	ICD10	complicating childbirth
			Pre-existing secondary hypertension
Hypertension	010.43	ICD10	complicating the puerperium
			Unspecified pre-existing hypertension
Hypertension	010.9	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.91	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.911	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.912	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.913	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.919	ICD10	complicating pregnancy

			Unspecified pre-existing hypertension
Hypertension	010.92	ICD10	complicating childbirth
			Unspecified pre-existing hypertension
Hypertension	010.93	ICD10	complicating the puerperium
			Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013	ICD10	proteinuria
			Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.1	ICD10	proteinuria
			Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.2	ICD10	proteinuria
		4	Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.3	ICD10	proteinuria
Hypertension	013.4	ICD10	Gestatnl htn without significant protein
Hypertension	013.5	ICD10	Gestatnl htn without significant protein
			Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.9	ICD10	proteinuria
Hypertension	016	ICD10	Unspecified maternal hypertension
Hypertension	016.1	ICD10	Unspecified maternal hypertension
Hypertension	016.2	ICD10	Unspecified maternal hypertension
Hypertension	016.3	ICD10	Unspecified maternal hypertension
Hypertension	016.4	ICD10	Unspecified maternal hypertension
Hypertension	016.5	ICD10	Unspecified maternal hypertension
Hypertension	016.9	ICD10	Unspecified maternal hypertension
Stroke	430	ICD9	Subarachnoid hemorrhage
Stroke	430	ICD9	Subarachnoid hemorrhage **
Stroke	431	ICD9	Intracerebral hemorrhage
Stroke	431	ICD9	Intracerebral hemorrhage **
			Other and unspecified intracranial
Stroke	432	ICD9	hemorrhage
Stroke	432	ICD9	Nontraumatic extradural hemorrhage
Stroke	432.1	ICD9	Subdural hemorrhage
Stroke	432.9		Unspecified intracranial hemorrhage
			Occlusion and stenosis of precerebral
Stroke	433	ICD9	arteries
Stroke	433	ICD9	Occlusion and stenosis of basilar artery

s		10-1	
Stroke	433		Occlusion and stenosis of basilar artery
Stroke	433.01		Occlusion and stenosis of basilar artery
Stroke	433.1	ICD9	Occlusion and stenosis of carotid artery
Stroke	433.1	ICD9	Occlusion and stenosis of carotid artery
Stroke	433.11	ICD9	Occlusion and stenosis of carotid artery
Stroke	433.2	ICD9	Occlusion and stenosis of vertebral artery
Stroke	433.2	ICD9	Occlusion and stenosis of vertebral artery
Stroke	433.21	ICD9	Occlusion and stenosis of vertebral artery
			Occlusion and stenosis of multiple and
Stroke	433.3	ICD9	bilateral precerebral arteries
		4	Occlusion and stenosis of multiple and
Stroke	433.3	ICD9	bilateral precerebral arteries
			Occlusion and stenosis of multiple and
Stroke	433.31	ICD9	bilateral precerebral arteries
			Occlusion and stenosis of other specified
Stroke	433.8	ICD9	precerebral artery
			Occlusion and stenosis of other specified
Stroke	433.8	ICD9	precerebral artery
			Occlusion and stenosis of other specified
Stroke	433.81	ICD9	precerebral artery
			Occlusion and stenosis of unspecified
Stroke	433.9	ICD9	precerebral artery
			Occlusion and stenosis of unspecified
Stroke	433.9	ICD9	precerebral artery
Stroke	433.91		Unspecified precerebral artery
Stroke	434		Occlusion of cerebral arteries
Stroke	434	ICD9	Cerebral thrombosis
Stroke	434		Cerebral thrombosis
Stroke	434.01		Cerebral thrombosis
Stroke	434.1		Cerebral embolism
Stroke	434.1		Cerebral embolism
Stroke	434.11		Cerebral embolism
Stroke	434.9		Cerebral artery occlusion
Stroke	434.9		Cerebral artery occlusion
Stroke	434.91		Cerebral artery occlusion
	12.1.5.1		Other generalized ischemic
Stroke	437.1	ICD9	cerebrovascular disease
	137.1	.003	CO. C.D. O VOJCOIGI GIJCOJC

Stroke	163	ICD10	Cerebral infarction
			Cerebral infarction due to cerebral venous
Stroke	163.6	ICD10	thrombosis
			Cerebral infarction due to embolism of
Stroke	163.42	ICD10	anterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.12	ICD10	basilar artery
			Cerebral infarction due to embolism of
Stroke	163.113	ICD10	bilateral vertebral arteries
			Cerebral infarction due to embolism of
Stroke	163.13	ICD10	carotid artery
			Cerebral infarction due to embolism of
Stroke	163.44	ICD10	cerebellar artery
		4	Cerebral infarction due to embolism of
Stroke	163.4	ICD10	cerebral arteries
			Cerebral infarction due to embolism of
Stroke	163.422	ICD10	left anterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.132	ICD10	left carotid artery
			Cerebral infarction due to embolism of
Stroke	163.442	ICD10	left cerebellar artery
			Cerebral infarction due to embolism of
Stroke	163.412	ICD10	left middle cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.432	ICD10	left posterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.112	ICD10	left vertebral artery
			Cerebral infarction due to embolism of
Stroke	163.41	ICD10	middle cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.49	ICD10	other cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.19	ICD10	other precerebral artery
			Cerebral infarction due to embolism of
Stroke	163.43	ICD10	posterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.1	ICD10	precerebral arteries
			Cerebral infarction due to embolism of
Stroke	163.421	ICD10	right anterior cerebral artery
			, –

			Carabashi afa adi a da d
Ctualca	162 121	ICD10	Cerebral infarction due to embolism of
Stroke	103.131	ICDIO	right carotid artery
CL L -	162 444	10040	Cerebral infarction due to embolism of
Stroke	163.441	ICD10	right cerebellar artery
			Cerebral infarction due to embolism of
Stroke	163.411	ICD10	right middle cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.431	ICD10	right posterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.111	ICD10	right vertebral artery
			Cerebral infarction due to embolism of
Stroke	163.429	ICD10	unspecified anterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	l63.139	ICD10	unspecified carotid artery
			Cerebral infarction due to embolism of
Stroke	163.449	ICD10	unspecified cerebellar artery
			Cerebral infarction due to embolism of
Stroke	163.40	ICD10	unspecified cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.419	ICD10	unspecified middle cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.439	ICD10	unspecified posterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.10	ICD10	unspecified precerebral artery
			Cerebral infarction due to embolism of
Stroke	163.119	ICD10	unspecified vertebral artery
			Cerebral infarction due to embolism of
Stroke	163.11	ICD10	vertebral artery
			Cerebral infarction due to thrombosis of
Stroke	163.32	ICD10	anterior cerebral artery
			Cerebral infarction due to thrombosis of
Stroke	163.02	ICD10	basilar artery
			Cerebral infarction due to thrombosis of
Stroke	163.03	ICD10	carotid artery
			Cerebral infarction due to thrombosis of
Stroke	163.34	ICD10	cerebellar artery
			Cerebral infarction due to thrombosis of
Stroke	163.3	ICD10	cerebral arteries
	100.0	.0010	Cerebral infarction due to thrombosis of
Stroke	162 322	ICD10	left anterior cerebral artery
JUNC	103.322	ICDIO	iert antenor cerebrarantery

Stroke I63.032 ICD10 left carotid artery  Cerebral infarction due to Cerebr	thrombosis of
Cerebral infarction due to	
	thromhosis of
100.00 12 100.00 100.00 100.00 1	7 (111 0111 00 313 01
Cerebral infarction due to	thrombosis of
Stroke I63.312 ICD10 left middle cerebral arter	
Cerebral infarction due to	_
Stroke I63.332 ICD10 left posterior cerebral art	ery
Cerebral infarction due to	
Stroke I63.012 ICD10 left vertebral artery	
Cerebral infarction due to	thrombosis of
Stroke I63.31 ICD10 middle cerebral artery	
Cerebral infarction due to	thrombosis of
Stroke I63.39 ICD10 other cerebral artery	
Cerebral infarction due to	thrombosis of
Stroke I63.09 ICD10 other precerebral artery	
Cerebral infarction due to	thrombosis of
Stroke I63.33 ICD10 posterior cerebral artery	
Cerebral infarction due to	thrombosis of
Stroke I63.0 ICD10 precerebral arteries	
Cerebral infarction due to	thrombosis of
Stroke I63.321 ICD10 right anterior cerebral art	ery
Cerebral infarction due to	
Stroke I63.031 ICD10 right carotid artery	
Cerebral infarction due to	thrombosis of
Stroke I63.341 ICD10 right cerebellar artery	
Cerebral infarction due to	
Stroke I63.311 ICD10 right middle cerebral arte	ery
Cerebral infarction due to	
Stroke I63.331 ICD10 right posterior cerebral ar	rtery
Cerebral infarction due to	thrombosis of
Stroke I63.011 ICD10 right vertebral artery	
Cerebral infarction due to	thrombosis of
Stroke I63.329 ICD10 unspecified anterior cerel	bral artery
Cerebral infarction due to	thrombosis of
Stroke I63.039 ICD10 unspecified carotid artery	/
Cerebral infarction due to	thrombosis of
Stroke I63.349 ICD10 unspecified cerebellar art	ery
Cerebral infarction due to	thrombosis of
Stroke I63.30 ICD10 unspecified cerebral arter	ry

	1		
Stroke	163 310	ICD10	Cerebral infarction due to thrombosis of unspecified middle cerebral artery
Stioke	103.319	ICDIO	,
Chualia	162 220	10010	Cerebral infarction due to thrombosis of
Stroke	103.339	ICDIO	unspecified posterior cerebral artery
o	160.00		Cerebral infarction due to thrombosis of
Stroke	163.00	ICD10	unspecified precerebral artery
			Cerebral infarction due to thrombosis of
Stroke	163.019	ICD10	unspecified vertebral artery
			Cerebral infarction due to thrombosis of
Stroke	163.01	ICD10	vertebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of anterior cerebral
Stroke	163.52	ICD10	artery
			Cerebral infarction due to unspecified
Stroke	163.22	ICD10	occlusion or stenosis of basilar arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral anterior
Stroke	163.523	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral carotid
Stroke	163.233	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral
Stroke	163.543	ICD10	cerebellar arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral middle
Stroke	163.513	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral posterior
Stroke	163.533	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral vertebral
Stroke	163.213	ICD10	arteries
			Cerebral infarction due to unspecified
Stroke	163.23	ICD10	occlusion or stenosis of carotid arteries
			Cerebral infarction due to unspecified
Stroke	163.54	ICD10	occlusion or stenosis of cerebellar artery
	103.54	.0510	Cerebral infarction due to unspecified
Stroke	163.5	ICD10	occlusion or stenosis of cerebral arteries
JUOKC	103.3	ICDIO	occidation of accidata of cerebral afteries

Stroke	163.231	ICD10	arteries
			Cerebral infarction due to unspecified occlusion or stenosis of right carotid
Stroke	l63.521	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery
Stroke	163.2	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries
Stroke	163.53	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of posterior cerebral artery
Stroke	163.29	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries
Stroke	163.59	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery
Stroke	163.51	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of middle cerebral artery
Stroke	163.212	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral arteries
Stroke	163.532	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery
Stroke	163.512	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery
Stroke	163.542	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery
Stroke	163.232	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries
Stroke	163.522	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery

Stroke	163.541	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery
Stroke			Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
Stroke			Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery
Stroke	163.211	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral arteries
Stroke	163.529	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery
Stroke			Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries
Stroke	163.549	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery
Stroke	163.50	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery
Stroke	l63.519	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery
Stroke	163.539	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery
Stroke	163.20	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries
Stroke	163.219	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries
Stroke			Cerebral infarction due to unspecified occlusion or stenosis of vertebral arteries
Stroke	163.9	ICD10	Cerebral infarction Cerebral infrc due to embolism of bi ant
Stroke	163.423	ICD10	cerebral arteries

			Cerebral infrc due to embolism of bi
Stroke	163.413	ICD10	middle cerebral art
			Cerebral infrc due to embolism of bi post
Stroke	163.433	ICD10	cerebral arteries
			Cerebral infrc due to embolism of
Stroke	163.133	ICD10	bilateral carotid arteries
			Cerebral infrc due to embolism of
Stroke	163.443	ICD10	bilateral cereblr arteries
			Cerebral infrc due to thombos of bi ant
Stroke	163.323	ICD10	cerebral arteries
			Cerebral infrc due to thombos of bi middle
Stroke	163.313	ICD10	cerebral arteries
			Cerebral infrc to thombos of bi posterior
Stroke	163.333	ICD10	cerebral arteries
			Cerebral infrc to thrombosis of bilateral
Stroke	163.343	ICD10	cereblr arteries
Stroke			Other cerebral infarction
Stroke		_	Nontraumatic intracerebral hemorrhage
	101	.02.20	Nontraumatic intracerebral hemorrhage
Stroke	161.3	ICD10	in brain stem
<del>ot. oke</del>	102.0	10010	Nontraumatic intracerebral hemorrhage
Stroke	161.4	ICD10	in cerebellum
Stroke	101.4	ICDIO	Nontraumatic intracerebral hemorrhage
Stroke	161 1	ICD10	in hemisphere
Sticke	101.1	ICDIO	
Stroke	161.0	ICD10	Nontraumatic intracerebral hemorrhage in hemisphere
Stroke	101.0	ICDIO	
Chualia	164.3	10040	Nontraumatic intracerebral hemorrhage
Stroke			in hemisphere
Stroke	161.5		Nontraumatic intracerebral hemorrhage
Stroke			Nontraumatic intracerebral hemorrhage
Stroke	161.9	ICD10	Nontraumatic intracerebral hemorrhage
			Other nontraumatic intracerebral
Stroke			hemorrhage
Stroke	167.81	ICD10	Acute cerebrovascular insufficiency

# STROBE 2007 (v4) checklist of items to be included in reports of observational studies in epidemiology\* Checklist for cohort, case-control, and cross-sectional studies (combined)

Section/Topic	Item #	Recommendation	Reported on page #		
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract	1		
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	3		
Introduction					
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	3		
Objectives	3	3 State specific objectives, including any pre-specified hypotheses			
Methods	•				
Study design	4	Present key elements of study design early in the paper	4		
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	4		
Participants 6		(a) Cohort study—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up  Case-control study—Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls  Cross-sectional study—Give the eligibility criteria, and the sources and methods of selection of participants	4		
		(b) Cohort study—For matched studies, give matching criteria and number of exposed and unexposed Case-control study—For matched studies, give matching criteria and the number of controls per case	4		
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	5		
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	4		
Bias	9	Describe any efforts to address potential sources of bias	4		
Study size	10	Explain how the study size was arrived at	4		
Quantitative variables	Quantitative variables  11 Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why		4		
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	4		
		(b) Describe any methods used to examine subgroups and interactions	5		
		(c) Explain how missing data were addressed	NA		
		(d) Cohort study—If applicable, explain how loss to follow-up was addressed  Case-control study—If applicable, explain how matching of cases and controls was addressed	NA		

		Cross-sectional study—If applicable, describe analytical methods taking account of sampling strategy	
		(e) Describe any sensitivity analyses	NA
Results	'		
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed	5
		(b) Give reasons for non-participation at each stage	NA
		(c) Consider use of a flow diagram	NA
Descriptive data	scriptive data  14* (a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders		5
		(b) Indicate number of participants with missing data for each variable of interest	5
		(c) Cohort study—Summarise follow-up time (eg, average and total amount)	5
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time	
		Case-control study—Report numbers in each exposure category, or summary measures of exposure	5
		Cross-sectional study—Report numbers of outcome events or summary measures	
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	10-19
		(b) Report category boundaries when continuous variables were categorized	10-19
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	NA
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	NA
Discussion	<u>'</u>		
Key results	18	Summarise key results with reference to study objectives	7-9
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	8-9
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	9
Generalisability	21	Discuss the generalisability (external validity) of the study results	9
Other information		1	
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	2

<sup>\*</sup>Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at http://www.plosmedicine.org/, Annals of Internal Medicine at http://www.annals.org/, and Epidemiology at http://www.epidem.com/). Information on the STROBE Initiative is available at www.strobe-statement.org.

# **BMJ Open**

# Retrospective Cohort Study of Clinical Characteristics of 2,199 Hospitalized COVID-19 Patients in New York City

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**Title**: Retrospective Cohort Study of Clinical Characteristics of 2,199 Hospitalized COVID-19 Patients in New York City

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#### **ABSTRACT**

#### Objective:

The coronavirus 2019 (COVID-19) pandemic is a global public health crisis, with over 33 million cases and 999,000 deaths worldwide. Data are needed regarding the clinical course of hospitalized patients, particularly in the United States.

We aimed to compare clinical characteristic of COVID-19 patients who had in-hospital mortality with those who were discharged alive.

**Design:** Demographic, clinical, and outcomes data for patients admitted to five Mount Sinai Health System hospitals with confirmed COVID-19 between February 27 and April 2, 2020 were identified through institutional electronic health records. We performed a retrospective comparative analysis of patients who had in-hospital mortality or were discharged alive.

# Setting:

All patients were admitted to the Mount Sinai Health System, a large quaternary care urban hospital system.

#### Participants:

Participants over the age of 18 years were included.

# **Primary Outcomes:**

We investigated in-hospital mortality during the study period.

#### Results

A total of 2,199 patients with COVID-19 were hospitalized during the study period. As of April 2<sup>nd</sup>, 1,121 (51%) patients remained hospitalized, and 1,078 (49%) completed their hospital course. Of the latter, the overall mortality was 29%, and 36% required intensive care. The median age was 65 years overall and 75 years in those who died. Preexisting conditions were present in 65% of those who died and 46% of those discharged. In those who died, the admission median lymphocyte percentage was 11.7%, D-dimer was 2.4 ug/ml, C-reactive protein was 162 mg/L, and procalcitonin was 0.44 ng/mL. In those discharged, the admission median lymphocyte percentage was 16.6%, D-dimer was 0.93 ug/ml, C-reactive protein was 79 mg/L, and procalcitonin was 0.09 ng/mL.

#### **Conclusions**

In our cohort of hospitalized patients, requirement of intensive care and mortality were high. Patients who died typically had more pre-existing conditions and greater perturbations in inflammatory markers as compared to those who were discharged.

# Strengths and limitations of this study:

- Our cohort includes greater racial diversity as compared to previously published work
- Largest hospitalized cohort of COVID-19 patients in New York City
- Limited by lack of access to clinical notes
- Our study is limited by the short followup time period
- Our study is limited by high censoring rate

#### INTRODUCTION

The Coronavirus disease (COVID-19) pandemic, caused by severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2), has held the world at a standstill with its virulence. As of September 28, 2020, over 33 million people have been affected, and more than 999,000 patients have died worldwide<sup>1</sup>. In addition to being highly contagious, the disease manifestations and clinical course are variable, spanning from asymptomatic status to severe acute respiratory distress syndrome with multiorgan failure and death<sup>2,3</sup>, acute kidney injury<sup>4,5</sup>, acute myocardial injury<sup>6</sup>, and coagulopathy<sup>7–11</sup>

Reports from China and Italy provided early data on disease presentation and management<sup>12–14</sup> but also revealed varying geographic disease expressions. Nearly one-third of the world's cases are now in the United States (US), and with nearly one-

third of those cases located in New York, it represents the current epicenter of the COVID-19 pandemic<sup>15</sup>.

As the number of cases continues to climb, hospitals are being stretched well-beyond capacity while facing challenges of insufficient personal protective equipment (PPE), ventilators, and workforce. Thus, understanding the clinical course of hospitalized COVID-19 patients is critical not only for providing optimal patient care but also to inform resource management in other locations across the US likely to experience similar case surges<sup>16</sup>. Data specifically examining differences in admission laboratory data in patients who died as compared to those who were ultimately discharged is lacking.

The Mount Sinai Healthcare System (MSHS) is the largest academic health system in New York City and serves as an ideal platform to better understand the evolving landscape of COVID-19 across a diverse population. Here, we present the largest case series of patients hospitalized with laboratory confirmed COVID-19 to date in the US.

#### **METHODS**

#### **Patient involvement**

Patients and the public were not directly involved in the study design or implementation.

# **Study Population**

The MSHS serves a large, racially and ethnically diverse patient population. In this study, patient data came from 5 major hospitals: the Mount Sinai Hospital located in East Harlem, Manhattan; Mount Sinai Morningside located in Morningside Heights, Manhattan; Mount Sinai West located in Midtown and the West Side, Manhattan; Mount Sinai Brooklyn located in Midwood, Brooklyn; and Mount Sinai Queens located in Astoria, Queens. We included patients who were at least 18 years old, had a laboratory-confirmed COVID-19 infection, and were admitted to any of the aforementioned 5 MSHS hospitals between February 27 and 12 a.m. April 2, 2020 (time of data freeze). A confirmed case of COVID-19 was defined by a positive reverse transcriptase polymerase chain reaction (RT-PCR) assay of a specimen collected via nasopharyngeal swab. The Mount Sinai Institutional Review Board approved this research under a broad regulatory protocol allowing for analysis of limited patient-level data.

# Detection of Viral RNA

Nasopharyngeal swab specimens were taken from all patients and placed in 120-140  $\mu L$  viral transport media (VTM). Ribonucleic acid (RNA) was purified from specimens using either the Qiacube Connect (Qiagen), QIAamp Viral RNA mini kit (Qiagen), or the EZ1 DSP Virus kit (Qiagen). SARS-CoV-2 RNA was detected using the qualitative cobas® SARS-CoV-2 kit using the cobas® 6800 system. For detection, a two-target reverse transcriptase polymerase chain reaction (RT-PCR) using 1) SARS-CoV-2 specific primers and 2) pan-sarbecovirus primers as included in the cobas® master mix. All assays were performed in a CLIA certified high complexity laboratory at the Mount Sinai Health System.

#### **Data Collection**

The dataset was obtained from different sources and aggregated by the New York Covid Informatics Taskforce (NYCIT) (Further description of NYCIT is provided in Supplementary Material). We obtained demographics, diagnosis codes (International Classification of Diseases-9/10-Clinical Modification (ICD-9/10-CM) codes and procedures, as well as vital signs and laboratory measurements during hospitalization. Demographics included age, sex, and language, as well as race and ethnicity in the electronic health records. Racial groups included White, Black or African American, Asian, Pacific Islander, Other, and Unknown. Ethnic groups included Non-Hispanic/Latino, Hispanic/Latino, or Unknown. All vital signs and laboratory values were obtained as part of indicated clinical care.

# **Definitions of Pre-existing Conditions**

We defined a pre-existing condition as the presence of diagnosis codes associated with specific diseases. Diagnoses and corresponding ICD codes are provided in **Supplemental Table 1.** 

#### **Definitions of Outcomes**

We assessed in-hospital mortality and admission to intensive care.

# **Statistical Analysis**

Results are reported as medians and interquartile ranges or means and standard deviations, as appropriate. Categorical variables were summarized as counts and percentages. Statistical significance was evaluated using a Wilcoxon test for continuous variables and a Fisher-exact test for categorical variables. We visualized length of stay (LOS) using a cumulative incidence function with competing risks for mutually exclusive events of in-hospital mortality or discharge. Patients who were still hospitalized at the time of data freeze were regarded as having a censored LOS. We assumed censored observations from patients with ongoing hospitalization will not exceed the longest LOS in our dataset when calculating the restricted mean LOS. No imputation was made for missing data. Analysis was performed with R<sup>17</sup>.

# **Data Availability**

Please contact authors for information on data availability.

### **RESULTS**

A consort diagram of included patients and outcomes is depicted in **Supplementary Figure 1**.

# Demographic and Clinical Characteristics

From February 27 to April 2, 2020, 2,199 COVID-19 positive patients were hospitalized at one of five MSHS New York City hospitals. At the time of writing this report, 1,121 (51%) patients remained hospitalized and 1,078 (49%) completed their hospital course,

with 768 discharges and 310 deaths. **Figure 1** details the number of patients admitted to the hospital per day and the total number of patients admitted cumulatively over time. During the study period, the trend of hospital admissions per day consistently increased.

Patient demographics, pre-existing conditions as well as vital signs and laboratory values at the time of admission are displayed in Table 1. Median age was 65 years with only 3% of patients less than 30 years and 36% over 70 years. The proportion of men was higher (59%) than women (41%) and 25% had their race identified as White, 25% as African American, and 3% as Asian. One quarter of the population has their ethnicity identified as Hispanic/Latino. More than half of the population had at least one pre-existing condition. Specifically, 37% presented with a history of hypertension, 27% with diabetes mellitus, 16% with coronary artery disease, 10% with heart failure and 9% with chronic kidney disease.

# Laboratory Results and Vital Signs at Presentation

Overall, 1,558 (71%) of patients were admitted through the emergency department. On hospital admission, 39% of all patients were tachycardic and 88% of all patients were febrile (**Table 1**). The median white blood cell count was 7 K/uL and lymphocyte percentage was 13.8. The median serum creatinine was 1 mg/dL. Select inflammatory markers performed in subsets of patients in accordance with clinical indication were markedly elevated on admission (**Table 1**). Specifically, the median C-reactive protein (CRP) was 110 mg/L, lactate dehydrogenase (LDH) was 416 U/L, and ferritin was 714 ng/L. Over one-quarter of patients (28%) had a procalcitonin level above 0.49 ng/mL, and nearly half of patients (46%) had a procalcitonin level less than 0.15 ng/mL. The median D-dimer was 1.31 ug/mL; one-third of patients (33%) had a D-dimer greater than 2 ug/mL.

The frequencies of otherwise non-routine laboratory assessments ordered on day of admission increased over time and are shown in **Supplementary Figure 2.** In contrast, hemoglobin, a routinely measured clinical lab value, was ordered at admission in the majority of patients without variation over the study period.

#### Clinical Outcomes

Due to the unknown future clinical course of those patients hospitalized at the time of data freeze, below we present clinical characteristics of only those patients who had completed their hospital course. A total of 1,078 COVID-19 confirmed hospitalized patients completed their hospital course (died or discharged alive) by the date of data freeze on April 02, 2020. Of these, 768 (71%) were discharged and 310 (29%) died in the hospital. Estimates for mortality and need for ICU admissions over time are displayed in **Figure 2**.

The median LOS was 7.7 days, accounting for censoring of patients with ongoing hospitalization. By the mean LOS (10.5 days), 45% of patients had been discharged, 17% had died, and 38% were still hospitalized (**Figure 2**). Demographics and admission laboratory measurements for patients who completed their hospital course are displayed in **Table 2**, stratified by mortality. The median age was significantly greater in

those who died as compared to those who were discharged (75 years vs 59 years; p<0.001). Pre-existing conditions were present in 64% of those who died and 46% of those discharged. We observed a significantly greater prevalence of diabetes (34% vs 20%; p=0.004), chronic obstructive pulmonary disease (9% vs 4%; p=0.002), heart failure (21% vs 7%; p<0.001), stroke (10% vs 5%; p=0.004), and hypertension (45% vs 30%; p<0.001) in those who died as compared to those who were discharged. Prevalence of other comorbidities are provided in **Table 2**.

We present key laboratory markers at the time of hospital admission in subsets of patients for whom they were measured. Patients who died had a significantly lower median lymphocyte percentage (11.7% vs 16.6%; p <0.001) and greater aspartate aminotransferase (AST) (58.5 U/L vs 36; p <0.001), CRP (162 mg/L vs 79; p <0.001), ferritin (798 ng/L vs 509 ng/L; p <0.001), LDH (517 U/L vs 347 U/L; p<0.001), and procalcitonin (0.44 ng/mL vs 0.09 ng/mL; p<0.001) as compared to those who were discharged (**Table 2**). We also observed a significant elevation in D-Dimer (56% >2.0 ug/mL vs 21 % >2.0 ug/mL; p<0.001) in those who died as compared to those who were discharged.

# Patients Requiring ICU Admission

Of the 1,078 patients who completed their hospital course, 385 (36%) required intensive care during their hospital stay. For these patients, vital signs and laboratory values immediately before transfer to intensive care are displayed in **Table 3**, stratified by mortality outcome. Immediately before their ICU admission, patients who died were more likely to be tachycardiac (38% vs 19%; p <0.001) and hypotensive (22% vs 4%; p <0.001) as compared to those who were ultimately discharged. We also observed that patients who died had a lower median lymphocyte percentage (9.6% vs 16.6%) and greater serum creatinine (1.5 mg/dL vs 0.6 mg/dL; p<0.001), AST (62 U/L vs 35; p<0.001), CRP (220 mg/L vs 76 mg/L; p<0.001), ferritin (920 ng/L vs 503; p<0.001), procalcitonin greater than 0.49 mg/mL (59% vs 10%; p<0.001), LDH (513 U/L vs 333 U/L; p<0.001), CK (659 U/L vs 146; p<0.001) and D-dimer greater than 2 ug/mL (63%vs 22%; p<0.001) as compared to those who were discharged (**Table 3**).

# Outcomes by Race

Including all individuals (N= 2199), we then investigated survival probability stratified self-reported race and ethnicity by fitting a Cox proportional hazards model adjusted for age and sex (**Supplementary Figure 3**). As compared to White individuals, we did not find a significant association of survival with self-reported Black (HR = 0.88; p = 0.37), or other race (HR = 1.12; p = 0.45). We also did not find a significant association of survival with Hispanic ethnicity (HR = 1.10; p = 0.50).

# **DISCUSSION**

The COVID-19 pandemic represents the greatest public health emergency in the modern world. Limited data, especially in the US, exists to guide clinical care, resource

management, and risk stratification in hospitalized patients. Our study is of the case series of patients reported with confirmed COVID-19 in the US. Previous reports were either from other countries, examined smaller cohorts, or were focused on critically ill patients 13,14,18–23. The present report provides a broad perspective on patients admitted with COVID-19 in both general medicine ward and intensive care settings. Our study presents key clinical differences from laboratory data available at time of admission and thus would aid clinical management decision-making early in the hospital course. Additionally, our health system serves a unique population representative of the ethnic and socioeconomic diversity seen in both New York City and across the United States.

We highlight several key findings. Among the 1,078 patients who completed their hospital course (discharge or in-hospital death), the overall mortality rate was 29% and 31% in patients who received ICU care. The overall case fatality rate likely represents an overestimation of the true disease mortality rate since patients who remained hospitalized at the date of data freeze were not included in this calculation. The mortality rate in intensive care is lower than previously described 13,23-25 and may be reflective of early care escalation.

We observed that patients who died had a significantly higher median age with significantly more pre-existing conditions than those who were discharged. Though 25% of patients were febrile on admission, this may be an underestimation due to possible antipyretic use and/or selection bias. A substantial proportion of patients with COVID-19 displayed abnormal laboratory measurements at the time of admission. These included lymphopenia and elevated inflammatory markers such as D-dimer, CRP, LDH, and ferritin. These trends persisted among those who died and/or received intensive care, both on admission and at the time of ICU transfer. If formal epidemiologic analyses confirm these observations, early laboratory evaluation may be crucial in identifying patients suspected for COVID-19 prior to RT-PCR test result. It may also aid clinicians in identifying patients at high risk of decompensation, ICU admission, and potentially even death. Early identification of high-risk patients could enable timely patient triage and improved resource allocation. Additional work is needed to develop real-time, accurate predictive models for risk stratification in COVID-19, particularly to elucidate the clinical utility of specific laboratory measurements.

Han et al. found a significant association of serum lactate dehydrogenase and creactive protein with COVID-19 severity in patients from China<sup>26</sup>. As the number of cases rose quickly in New York City, MSHS hospitals served as early adopters, creating a COVID-19 order set in our EHR to streamline objective data gathering, facilitate more cohesive workflow amongst team members, and minimize ancillary staff exposure by completing all necessary admission labs at one time. This laboratory order set included serum D-dimer, C-reactive protein, procalcitonin, ferritin, and lactate dehydrogenase. In turn, we observed an increase in these orders from the first day of admission over the study period (**Supplementary Figure 2**). Given the abnormalities observed in patients who died, these laboratory measurements may be prognostic markers of disease severity or subsequent clinical course, although this requires further investigation. If

confirmed, other health systems expecting impending case surges may consider similar workflows to promote improved healthcare delivery to affected patients.

We found a significantly higher procalcitonin level in individuals who died as compared to those who were discharged alive. Moreover, of the 2,199 individuals in the study, 28% had a procalcitonin greater than 0.49. In the context of COVID-19, an elevated procalcitonin may signify a superimposed bacterial infection, but may also be a marker of acute respiratory distress syndrome or a result of upregulated cytokine production secondary to respiratory failure. Additionally, we found that individuals who died in the ICU had higher procalcitonin levels, supporting previous work demonstrating that patients with more severe COVID-19 infections have higher procalcitonin levels<sup>22,27</sup>.

The clinical characteristics of our cohort were largely similar to other large cohorts of COVID-19 patients from China<sup>2,22</sup> and Italy. Specifically, patients in our dataset were elderly and had a male predominance, similar to previous reports. There was also a high prevalence of comorbid conditions, including hypertension and diabetes mellitus. Similar to an early report from Wuhanz, patients largely had a normal procalcitonin at admission, but individual requiring ICU care had a higher procalcitonin level. However, as compared studies from Wuhan, China<sup>22</sup> and Genoa, Italy<sup>14</sup>, and New York City<sup>28</sup>, our cohort had a significantly lower prevalence of lymphopenia at admission.

Our study should be considered in light of several limitations. Since COVID-19 testing is frequently repeated in hospitalized patients and initial testing may result in false negatives, we are unable to determine whether patients developed their infection during or before hospital admission. Furthermore, COVID-19 has a variable incubation period of approximately 8-15 days<sup>29</sup>, and patients may present to the hospital several days after initial infection or the onset of symptoms. Thus, we are unable to determine patients' disease duration. Additionally, we separated discharged patients from those who died, but some patients may have expired after discharge. This could affect our listed case mortality rate. Our study is also confined by the inherent limitations (e.g. biases) of EHR data. Although utilizing structured EHR data allows for rapid integration of multiple data streams and real-time analysis, data present only in clinical note text. such as symptoms on presentation are missed. Additionally, symptoms present before the time of admission were not included. We chose not to perform comprehensive manual chart review to prioritize timely dissemination of our observations. Another limitation of our dataset is the large proportion of individuals that were censored. These individuals remained in the hospital at the time of data analysis and thus had unknown outcomes. Future work will analyze these patients' hospital course in greater detail with complete outcomes data.

As the COVID-19 pandemic spreads from the current epicenter in New York City to other areas, our report provides meaningful clinical insights that may better inform care for diverse populations. Future work will aim to predict COVID-19 patient outcomes using a variety of approaches, thereby reducing healthcare system burden and permitting improved care delivery.

# **Figures**

**Figure 1:** Hospital Admissions of COVID-19 patients within our cohort. <u>Panel A</u>: The number of total patients (n = 2,199) admitted each day to one of the hospitals for the duration of the study period. <u>Panel B</u>: The number of patients cumulatively admitted, cumulatively discharged, or still hospitalized by day.

Figure 2: Cumulative incidence function displays the probability of mutually exclusive events of discharge (blue) or death (red) by a given day of hospitalization, accounting for the changing number of patients at risk including censoring. The remaining portion (white) shows patients that are still hospitalized, where the median length of stay is 7.7 days. 

**Table 1.** Characteristics of Hospitalized COVID-19 Patients at Baseline (n=2,199)

Admission Source, n (%)  Emergency Department Other 641 (29)  Race, n (%)  White Black or African American Asian 74 (3.4) Pacific Islander Other 912 (41.5) Unknown 91 (4.1)  Ethnicity, n (%)  Hispanic/Latino Taysinal (IQR) Age Groups, n (%)  18-30 73 (3.3) 31-40 41-50 225 (10.2) 51-60 61-70 71-80 81-90 91 or older 82 (3.7)  Sex, n (%)  Male Perevious Medical History, n (%)  Athal Fibrillation 156 (7.1) Asthma 180 (8.2) Coronary Artery Disease Cancer Chronic Kidney Disease Chronic Kidney Disease  Chronic Kidney Disease 207 (9.4)	Characteristics of Admission		N with characteristic available
Other         641 (29)         2199           Race, n (%)         White         554 (25.2)         Black or African American         543 (24.7)         Asian         74 (3.4)         2199           Pacific Islander         25 (1.1)         Other         25 (1.1)         Other         912 (41.5)         Unknown         91 (4.1)           Ethnicity, n (%)         Hispanic/Latino         576 (26.2)         2199         2199           Non-Hispanic/Latino         1305 (59.4)         2199         2199           Age, Median (IQR)         65 (54-76)         2199         2199           Age Groups, n (%)         73 (3.3)         31-40         225 (10.2)         2199           41-50         225 (10.2)         51-60         395 (18.0)         2199           61-70         527 (24.0)         71-80         444(20.2)         81-90         274 (12.5)         91 or older         82 (3.7)         2199           Sex, n (%)         Male         1293 (58.8)         2199         2199           Body Mass Index in kg/m², Median (IQR)         28 (6)         1316         2199           Previous Medical History, n (%)         456 (7.1)         Asthma         180 (8.2)         207 (9.4)         2199           Chronic Kidney Disease <td>Admission Source, n (%)</td> <td></td> <td></td>	Admission Source, n (%)		
Other     641 (29)       Race, n (%)     554 (25.2)       Black or African American     543 (24.7)       Asian     74 (3.4)       Pacific Islander     25 (1.1)       Other     912 (41.5)       Unknown     91 (4.1)       Ethnicity, n (%)       Hispanic/Latino     576 (26.2)       Non-Hispanic/Latino     1305 (59.4)       Unknown     318 (14.5)       Age, Median (IQR)     65 (54-76)       Age Groups, n (%)       18-30     73 (3.3)       31-40     179 (8.1)       41-50     225 (10.2)       51-60     395 (18.0)       61-70     527 (24.0)       71-80     444(20.2)       81-90     274 (12.5)       91 or older     82 (3.7)       Sex, n (%)       Male     1293 (58.8)       Female     906 (41.2)       Body Mass Index in kg/m², Median (IQR)     28 (6)       Previous Medical History, n (%)       Atrial Fibrillation     156 (7.1)       Asthma     180 (8.2)       Coronary Artery Disease     343 (15.6)       Cancer     151 (6.9)       Chronic Kidney Disease     207 (9.4)	Emergency Department	1558 (71)	2100
White 554 (25.2) Black or African American 543 (24.7) Asian 74 (3.4) Pacific Islander 25 (1.1) Other 912 (41.5) Unknown 91 (4.1)  Ethnicity, n (%) Hispanic/Latino 576 (26.2) Non-Hispanic/Latino 1305 (59.4) Unknown 318 (14.5)  Age, Median (IQR) 65 (54-76) 2199  Age Groups, n (%)  18-30 73 (3.3) 31-40 179 (8.1) 41-50 225 (10.2) 51-60 395 (18.0) 61-70 527 (24.0) 71-80 444(20.2) 81-90 274 (12.5) 91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1) Asthma 180 (8.2) Coronary Artery Disease 207 (9.4)	Other	641 (29)	2199
Black or African American 543 (24.7) Asian 74 (3.4) Pacific Islander 25 (1.1) Other 912 (41.5) Unknown 91 (4.1)  Ethnicity, n (%) Hispanic/Latino 576 (26.2) Non-Hispanic/Latino 1305 (59.4) Unknown 318 (14.5)  Age, Median (IQR) 65 (54-76) 2199  Age Groups, n (%)  18-30 73 (3.3) 31-40 179 (8.1) 41-50 225 (10.2) 51-60 395 (18.0) 61-70 527 (24.0) 71-80 444(20.2) 81-90 274 (12.5) 91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1) Asthma 180 (8.2) Coronary Artery Disease 343 (15.6) Cancer 151 (6.9) Chronic Kidney Disease 207 (9.4)	Race, n (%)		
Asian 74 (3.4) Pacific Islander 25 (1.1) Other 912 (41.5) Unknown 91 (4.1)  Ethnicity, n (%) Hispanic/Latino 576 (26.2) Non-Hispanic/Latino 1305 (59.4) Unknown 318 (14.5)  Age, Median (IQR) 65 (54-76) 2199  Age Groups, n (%)  18-30 73 (3.3) 31-40 179 (8.1) 41-50 225 (10.2) 51-60 395 (18.0) 61-70 527 (24.0) 71-80 444(20.2) 81-90 274 (12.5) 91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1) Asthma 180 (8.2) Coronary Artery Disease 343 (15.6) Cancer 151 (6.9) Chronic Kidney Disease 207 (9.4)	White	554 (25.2)	
Pacific Islander Other Other Other 912 (41.5) Unknown 91 (4.1)  Ethnicity, n (%) Hispanic/Latino Non-Hispanic/Latino 1305 (59.4) Unknown 318 (14.5)  Age, Median (IQR) Age Groups, n (%)  18-30 31-40 41-50 51-60 61-70 71-80 81-90 91 or older 81-90 91 or older 82 (3.7)  Sex, n (%)  Male Female Body Mass Index in kg/m², Median (IQR) Agh (	Black or African American	543 (24.7)	
Pacific Islander Other Other Other Unknown 91 (4.1.5) Unknown 91 (4.1.6)  Ethnicity, n (%) Hispanic/Latino Non-Hispanic/Latino Unknown 318 (14.5)  Age, Median (IQR) Age Groups, n (%)  18-30 173 (3.3) 31-40 179 (8.1) 41-50 225 (10.2) 51-60 395 (18.0) 61-70 527 (24.0) 71-80 444(20.2) 81-90 91 or older 82 (3.7)  Sex, n (%)  Male Female Previous Medical History, n (%) Atrial Fibrillation Asthma 180 (8.2) Coronary Artery Disease Cancer Chronic Kidney Disease  Chronic Kidney Disease  2199  2199  2199  2199  2199  2199  2199  2199  2199	Asian	74 (3.4)	2100
Unknown         Ethnicity, n (%)         Hispanic/Latino       576 (26.2)         Non-Hispanic/Latino       1305 (59.4)         Unknown       318 (14.5)         Age, Median (IQR)       65 (54-76)       2199         Age Groups, n (%)       2199         18-30       73 (3.3)       31-40       179 (8.1)         41-50       225 (10.2)       51-60       395 (18.0)       2199         61-70       527 (24.0)       2199       2199         81-90       274 (12.5)       91 or older       82 (3.7)       2199         Sex, n (%)       Sex, n (%)       2199       2199         Male       1293 (58.8)       2199         Female       906 (41.2)       2199         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)       Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)       2199         Chronic Kidney Disease       207 (9.4)       2199	Pacific Islander	25 (1.1)	
Ethnicity, n (%)  Hispanic/Latino  Non-Hispanic/Latino  1305 (59.4)  Unknown  318 (14.5)  Age, Median (IQR)  Age Groups, n (%)  18-30  31-40  41-50  51-60  61-70  71-80  81-90  91 or older  82 (3.7)  Sex, n (%)  Male  Female  Body Mass Index in kg/m², Median (IQR)  Agh Median (IQR)  Age Median (IQR)  Age Groups, n (%)  Atrial Fibrillation  Asthma  180 (8.2)  Coronary Artery Disease  Chronic Kidney Disease  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199	Other	912 (41.5)	
Hispanic/Latino   576 (26.2)   Non-Hispanic/Latino   1305 (59.4)   Unknown   318 (14.5)	Unknown	91 (4.1)	
Non-Hispanic/Latino			
Unknown       318 (14.5)         Age, Median (IQR)       65 (54-76)       2199         Age Groups, n (%)       73 (3.3)       31-40       179 (8.1)         41-50       225 (10.2)       51-60       395 (18.0)       2199         61-70       527 (24.0)       71-80       444(20.2)       81-90       274 (12.5)       91 or older       82 (3.7)         Sex, n (%)       Sex, n (%)         Male       1293 (58.8)       2199         Female       906 (41.2)       28 (6)       1316         Previous Medical History, n (%)       Atrial Fibrillation       156 (7.1)       Asthma       180 (8.2)       Coronary Artery Disease       343 (15.6)       2199         Chronic Kidney Disease       207 (9.4)       2199       2199		-	
Age, Median (IQR)       65 (54-76)       2199         Age Groups, n (%)       73 (3.3)       31-40       179 (8.1)         41-50       225 (10.2)       251-60       395 (18.0)       2199         51-60       395 (18.0)       257 (24.0)       274 (12.5)       2199         71-80       444(20.2)       274 (12.5)       291       274 (12.5)       291         91 or older       82 (3.7)       2199       2199         Sex, n (%)       2199       2199         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)       28 (6)       1316         Previous Medical History, n (%)       2199       2199         Coronary Artery Disease       343 (15.6)       2199         Chronic Kidney Disease       207 (9.4)       2199	<u> </u>	<u> </u>	2199
Age Groups, n (%)  18-30 31-40 179 (8.1) 41-50 51-60 395 (18.0) 61-70 71-80 444(20.2) 81-90 91 or older  Sex, n (%)  Male Female  Body Mass Index in kg/m², Median (IQR)  Atrial Fibrillation Asthma 180 (8.2) Coronary Artery Disease Chronic Kidney Disease  73 (3.3) 73 (3.3) 73 (3.3) 73 (3.3) 74 (9.1) 71-80	Unknown	318 (14.5)	
18-30       73 (3.3)         31-40       179 (8.1)         41-50       225 (10.2)         51-60       395 (18.0)         61-70       527 (24.0)         71-80       444(20.2)         81-90       274 (12.5)         91 or older       82 (3.7)         Sex, n (%)         Male       1293 (58.8)         Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)         1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)         Chronic Kidney Disease       207 (9.4)	Age, Median (IQR)	65 (54-76)	2199
31-40	Age Groups, n (%)		
41-50	18-30	73 (3.3)	
51-60 395 (18.0) 61-70 527 (24.0) 71-80 444(20.2) 81-90 274 (12.5) 91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1) Asthma 180 (8.2) Coronary Artery Disease 343 (15.6) Cancer 151 (6.9) Chronic Kidney Disease 207 (9.4)	31-40	179 (8.1)	
61-70	41-50	225 (10.2)	
61-70       527 (24.0)         71-80       444(20.2)         81-90       274 (12.5)         91 or older       82 (3.7)         Sex, n (%)         Male       1293 (58.8)         Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)       2199         Chronic Kidney Disease       207 (9.4)	51-60	395 (18.0)	2100
81-90 274 (12.5) 91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) 2199  Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1)  Asthma 180 (8.2)  Coronary Artery Disease 343 (15.6)  Cancer 151 (6.9) 2199  Chronic Kidney Disease 207 (9.4)	61-70	527 (24.0)	2199
91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1) Asthma 180 (8.2)  Coronary Artery Disease 343 (15.6)  Cancer 151 (6.9) 2199  Chronic Kidney Disease 207 (9.4)	71-80	444(20.2)	
91 or older       82 (3.7)         Sex, n (%)	81-90	274 (12.5)	
Male       1293 (58.8)         Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)       2199         Chronic Kidney Disease       207 (9.4)	91 or older		
Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)       2199         Chronic Kidney Disease       207 (9.4)	Sex, n (%)		
Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)       2199         Chronic Kidney Disease       207 (9.4)	Male	1293 (58.8)	2100
Previous Medical History, n (%)           Atrial Fibrillation         156 (7.1)           Asthma         180 (8.2)           Coronary Artery Disease         343 (15.6)           Cancer         151 (6.9)           Chronic Kidney Disease         207 (9.4)	Female	906 (41.2)	
Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)         Chronic Kidney Disease       207 (9.4)	Body Mass Index in kg/m², Median (IQR)	28 (6)	1316
Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)         Chronic Kidney Disease       207 (9.4)			
Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)         Chronic Kidney Disease       207 (9.4)		156 (7.1)	
Coronary Artery Disease         343 (15.6)           Cancer         151 (6.9)           Chronic Kidney Disease         207 (9.4)	Asthma		
Cancer         151 (6.9)         2199           Chronic Kidney Disease         207 (9.4)			
Chronic Kidney Disease 207 (9.4)		` ′	2199
Chronic Obstructive Pulmonary Disease   113 (5.1)	Chronic Obstructive Pulmonary Disease	113 (5.1)	
Diabetes Mellitus 583 (26.5)	<del>-</del>		

Heart Failure	217 (9.9)	
Hypertension	812 (37)	
Stroke	153 (7)	
Vital Signs at Hospital Admission		
Heart Rate in beats per min, Median (IQR)	95 (83-108)	
Number of patients >100 Beats per min, n(%)	857 (39)	2181
Temperature in degree Fahrenheit, Median (IQR)	99 (98.2 – 100.4)	
Number of patients >100.4-degree Fahrenheit, n (%)	1926 (88)	2180
Respiratory Rate in breaths/minute, Median (IQR)	20 (18-21)	
Systolic Blood Pressure in mmHg, Median (IQR)	130 (116-145)	0470
Diastolic Blood Pressure in mmHg, Median (IQR)	74 (65-82)	2176
Oxygen Saturation, Median (IQR)	95 (92-97)	2176
Admission Laboratory Parameters, Median (I	QR)	
White Blood Cell Count -K/uL, Median (IQR)	7 (5.2-9.9)	2029
Number of patients >10, n (%)	498 (25)	2029
Number of patients <4, n (%)	224 (11)	2029
Lymphocyte Count - K/uL, Median (IQR)	0.9 (0.7-1.3)	1888
Lymphocyte Percentage, Median (IQR)	13.8(8.5-20.5)	1972
Hemoglobin - g/dL, Median (IQR)	13.1(11.6-14.4)	2031
Platelet Count - K/uL, Median (IQR)	195(151-253)	2028
Prothrombin Time - sec, Median (IQR)	13.9(13.2-15)	937
Activated Partial Thromboplastin Time - sec, Median (IQR)	32 (29-36.1)	926
Serum Sodium - mEq/L, Median (IQR)	137 (134-140)	2015
Serum Potassium - mEg/L, Median (IQR)	4.2 (3.9-4.6)	2006
Serum Creatinine - mg/dL, Median (IQR)	1 (0.8-1.5)	2018
Aspartate aminotransferase - U/L, Median (IQR)	42 (30-70.5)	1815
Alanine aminotransferase - U/L, Median (IQR)	32 (19-56)	1025
Serum Albumin - g/dL, Median (IQR)	3.2 (2.8-3.6)	1848
Venous lactate - mmol/L, Median (IQR)	1.5 (1.1-2)	775
Number of patients >1.5, n (%)	392 (51)	775
Inflammatory Markers		

C-Reactive Protein - mg/L, Median (IQR)	110 (57.8-196)	1354
Ferritin -ng/L, Median (IQR)	714 (324-1730)	1324
Procalcitonin -ng/mL, Median (IQR)	0.18 (0.08-0.57)	1241
Number of patients >0.49, n (%)	344 (28)	1241
Number of patients <0.15, n (%)	573 (46)	1241
Lactate Dehydrogenase -U/L, Median (IQR)	416 (314-545)	1290
Creatinine Kinase - U/L, Median (IQR)	199 (97-565)	502
D-Dimer -ug/mL, Median (IQR)	1.31 (0.74-2.44)	1079
Number of patients >2.0, n (%)	352 (33)	1079
Required Mechanical Ventilation, n (%)	446 (20)	2199

Baseline values are defined as first values on hospitalization. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.

**Table 2.** Characteristics of Hospitalized COVID-19 patients by patients who had in-hospital mortality vs. those who were discharged alive (N=1,078). Continuous and categorical variables were compared using a Wilcoxon test and Fisher exact test, respectively.

	Patients with In-Hospital Mortality (n=310)	N with characteristic available	Patients who were discharged alive (n=768)	N with characteristic available	P value
Required Mechanical Ventilation, n (%)	165 (53)	310	14 (1.8)	768	<0.001
Time to ICU (hours), Median (IQR)	11.0 (4.9 - 44.7)	121	12.6 (3.1 - 11.1)	264	<0.001
Race, n (%)					
White	98 (31.6)		216 (28.1)		
Black or African American	71 (22.9)		185 (24.1)		
Asian	17 (5.5)	310	22 (2.9)	768	<0.001
Pacific Islander	1 (0.3)	<b>`</b> O.	7 (0.9)		
Other	111 (35.8)		310 (40.4)		
Unknown	12 (3.9)		28 (3.6)		
Ethnicity, n (%)					
Hispanic/Latino	58 (18.7)	1	208 (27.1)		
Non- Hispanic/Latino	198 (63.9)	310	464 (60.4)	768	0.005
Unknown	54 (17.4)		96 (12.5)		
Age, Median (IQR)	75 (64-85)		59 (45-72)		<0.001
Age Groups, n (%)		Ī			
18-30	1 (0.32)		53 (6.9)		
31-40	2 (0.65)		108 (14.1)		
41-50	17 (5.5)		100 (13.0)		
51-60	37 (11.9)	310	143 (18.6)	768	
61-70	66 (21.3)		157 (20.4)		
71-80	83 (26.8)		130 (16.9)		
80-90	75 (24.2)		62 (8.1)		
>90	29 (9.4)		15 (2.0)		
Sex, n (%)	I	I			
Male	191 (61.6)	310	436 (56.8)	768	0.16
Female	119 (38.4)	3.0	332 (43.2)	. 30	
Body Mass Index in kg/m <sup>2</sup> , Median (IQR)	32 (27-34)	241	28 (25-32)	627	<0.001

Previous Medical	History, n (%)				
Atrial Fibrillation	43 (13.9)		42 (5.5)		0.91
Asthma	23 (7.4)		61 (7.9)		0.87
Coronary Artery Disease	83 (26.8)		84 (10.9)		<0.001
Cancer	24 (7.7)		40 (5.2)		0.147
Chronic Kidney Disease	41 (13.2)		54 (7)		0.002
Chronic Obstructive Pulmonary Disease	28 (9)	768	31 (4)	768	0.002
Diabetes Mellitus	105 (33.9)		151 (19.7)		<0.001
Heart Failure	64 (20.6)		53 (6.9)		<0.001
Hypertension	140 (45.2)		233 (30.3)		<0.001
Stroke	32 (10.3)		40 (5.2)		0.004
Admission Labora	tory Parameters				
White Blood Cell Count -K/µL, Median (IQR)	8.6 (5.9-12)	281	6.2 (4.7-8.2)	728	<0.001
Number of patients >10 K/µL, n (%)	105(37)	281	101(14)	728	<0.001
Number of patients <4 K/µL, n (%)	17 (6)	281	106 (15)	728	<0.001
Hemoglobin - g/dL, Median (IQR)	12.6 (10.9- 14.3)	282	13.2 (11.9- 14.4)	728	<0.001
Platelet Count - K/uL, Median (IQR)	185 (144-239)	282	193 (153-247)	726	0.070
Lymphocyte Count - K/µL, Median (IQR)	0.9 (0.6-1.3)	248	1 (0.8-1.4)	689	<0.001
Lymphocyte Percentage, Median (IQR)	11.7 (6.6-18.6)	270	16.6 (11.7- 24.2)	710	<0.001
Prothrombin Time - sec, Median (IQR)	14.2 (13.6- 16.3)	142	13.5 (13-14.4)	304	<0.001
Activated Partial Thromboplastin Time - sec, Median (IQR)	32.9 (30.2- 37.6)	140	31.4 (28.7- 34.8)	302	0.001

Serum Sodium - mEq/L, Median (IQR)	138 (134-141)	284	137 (135-140)	708	0.059
Serum Potassium - mEq/L, Median (IQR)	4.4 (4-5)	288	4.1 (3.8-4.5)	706	<0.001
Serum Creatinine - mg/dL, Median (IQR)	1.3 (0.9-2.2)	288	0.9(0.7-1.2)	710	<0.001
Aspartate aminotransferase - U/L, Median (IQR)	58.5 (34-102)	246	36 (26-54)	628	<0.001
Alanine aminotransferase - U/L, Median (IQR)	32 (19-58)	119	30 (19-52)	358	0.47
Serum Albumin - g/dL, Median (IQR)	3 (2.7-3.4)	255	3.4 (3-3.7)	635	<0.001
Venous lactate - mmol/L, Median (IQR)	1.8 (1.3-2.6)	108	1.3 (1.1-1.8)	236	<0.001
Number of patients >1.5 mmol/L, n (%)	74 (69)	108	88 (37)	236	<0.001
Inflammatory Mark	kers				
C-Reactive Protein - mg/L, Median (IQR)	162 (75.7-266)	141	79.3 (37.5- 144)	422	<0.001
Ferritin -ng/L, Median (IQR)	798 (397- 2020)	146	509 (235-987)	410	<0.001
Procalcitonin - ng/mL, Median (IQR)	0.44 (0.16- 1.45)	138	0.09 (0.05- 0.22)	392	<0.001
Number of patients >0.49 ng/mL, n (%)	67 (49)	138	46 (12)	392	<0.001
Number of patients <0.15 ng/mL, n (%)	34 (25)	138	263 (67)	392	<0.001
Lactate Dehydrogenase - U/L, Median (IQR)	517(371-756)	134	347 (272-448)	419	<0.001
Creatinine Kinase - U/L, Median (IQR)	472 (139-940)	74	154 (84-319)	126	<0.001

μg	D-Dimer - /mL, Median ≀R)	2.41 (1.18- 3.79)	117	0.93 (0.58- 1.61)	282	<0.001
	Number of tients >2.0 /mL, n (%)	66(56)	117	59 (21)	282	<0.001

Baseline values are defined as first values on hospitalization. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.

**Table 3.** Selected characteristics for hospitalized COVID-19 patients before transfer to Intensive care stratified by in-hospital mortality (N= 385). Continuous and categorical variables were compared using a Wilcoxon test and Fisher exact test, respectively.

	Patients with In-Hospital Mortality who Required Intensive Care (n=121)	N with characteristic available	Patients who were discharged alive but Required Intensive Care (n=264)	N with characteristic available	P Value
Required Mechanical Ventilation, n (%)	95 (79)	121	11 (4)	264	<0.001
Vital Signs, n (%)					
Number of patients with heart rate >100 Beats per min, n (%)	45 (38)		51 (19)		<0.001
Number of patients with temperature >100.4F, n (%)	107 (91)	118	228 (86)	264	0.370
Systolic Blood Pressure < 100 mm of Hg, n (%)	27 (22)	6	10 (4)		<0.001
Oxygen Saturation, Median (IQR)	92 (88 – 95)		95 (92 – 97)		<0.001
Admission Laborator	y Parameters, N	Median (IQR)			
White Blood Cell Count -K/μL, Median (IQR)	10.1 (6.3- 14.7)	111	5.6 (4.3-7.7)	258	<0.001
Number of patients >10-K/μL, n (%)	58 (52)	111	28 (11)	258	<0.001
Number of patients <4 K/µL, n (%)	6 (5)	111	54 (21)	258	<0.001
Hemoglobin - g/dL, Median (IQR)	12.1 (10.4- 13.8)	111	13 (11.5-14.2)	258	<0.001
Platelet Count - K/µL, Median (IQR)	185 (146-230)	111	191(153-248)	258	0.308
Lymphocyte Count - K/µL, Median (IQR)	0.8 (0.6-1.25)	91	1 (0.75-1.4)	239	0.003

Lymphocyte Percentage, Median (IQR)	9.6 (5.5-17.2)	103	16.6 (12-26.4)	251	<0.001
Prothrombin Time - sec, Median (IQR)	14.9 (13.8- 16.7)	63	13.7(13.2- 14.7)	97	<0.001
Activated Partial Thromboplastin Time - sec, Median (IQR)	34 (30.6-38.2)	62	31.4 (29.4-35)	96	0.027
Serum Sodium - mEq/L, Median (IQR)	137 (135-140)	114	137 (135-140)	237	0.449
Serum Potassium - mEq/L, Median (IQR)	4.3 (4-4.9)	112	4.1 (3.8-4.4)	237	<0.001
Serum Creatinine - mg/dL, Median (IQR)	1.5 (0.94-2.4)	114	0.8 (0.7-1.1)	261	<0.001
Aspartate aminotransferase - U/L, Median (IQR)	62 (36.2-105)	106	35 (26-54.5)	236	<0.001
Alanine aminotransferase - U/L, Median (IQR)	28 (16-54)	56	28 (19-52)	215	0.514
Serum Albumin - g/dL, Median (IQR)	2.7 (2.3-3.2)	107	3.3 (2.9-3.6)	236	<0.001
Venous lactate - mmol/L, Median (IQR)	1.55 (1.02- 2.15)	34	1.3 (1.1-1.7)	49	0.157
Number of patients >1.5 mmol/L, n (%)	19 (56)	34	20 (41)	49	0.157
Inflammatory Markers	 S				
C-Reactive Protein - mg/L, Median (IQR)	220 (113-297)	80	75.6 (36.2- 134)	182	<0.001
Ferritin -ng/L, Median (IQR)	920 (470- 2220)	76	503 (266- 1020)	187	<0.001
Procalcitonin - ng/mL, Median (IQR)	1.02 (0.20- 4.5)	58	0.08 (0.05- 0.22)	163	<0.001
Number of patients >0.49 ng/mL, n (%)	34 (59)	58	17 (10)	163	<0.001

Number of patients <0.15 ng/mL, n (%)	11 (19)	58	106 (65)	163	<0.001
Lactate Dehydrogenase -U/L, Median (IQR)	513 (399-729)	67	333 (274-422)	188	<0.001
Creatinine Kinase - U/L, Median (IQR)	659 (305- 1450)	42	146 (60-268)	73	<0.001
D-Dimer -μg/mL, Median (IQR)	2.7 (1.6-5.8)	57	0.83 (0.5-1.6)	127	<0.001
Number of patients >2.0 μg/mL, n (%)	36 (63)	57	28 (22)	127	<0.001

All values are closest values in twenty-four hours prior to ICU admission. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.

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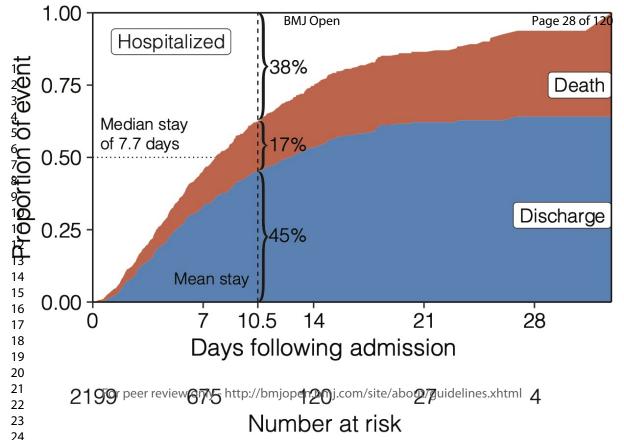
### **Author Contributions:**

I.P., A.J.R., J.F.D., A.L., M.S., A.V., K.W.J, S.S., A.K., R.O., S.M., U.N., S.J., A.K., P.T., J.J., A.F. developed and performed the analysis. P.G., M.A.L., J.F., J.A.A., E.B., C.R.H., B.M. critically appraised the manuscript and helped acquire data. I.P., A.L., A.J.R., J.F.D., R.M., M.D., E.G., D.M., P.F.O., L.M.H., R.F., M.S., P.K., V.F., E.P.B., J.N., E.J.N. C.C., D.S.C., D.L.R., supervised the project I.P., A.L., A.J.R., J.F.D., G.N.N, B.S.G, A.W.C, A.C.J drafted the manuscript.

### **Competing Interests**

Dr. Nadkarni reports grants, personal fees and non-financial support from Renalytix AI, non-financial support from Pensieve Health, personal fees from AstraZeneca, personal fees from AstraZeneca, personal fees from BioVie, personal fees from GLG Consulting, from outside the submitted work. Dr. Lala reports personal fees from Zoll, outside the submitted work. Dr. Fayad reports grants from Daiichi Sankyo, grants from Amgen, grants from Bristol Myers Squibb, from Siemens Healthineers, personal fees from Alexion, personal fees from GlaxoSmithKline, personal fees from Trained Therapeutix Discovery, outside the submitted work. In addition, Dr. Fayad has patents licensed to Trained Therapeutix Discovery. The other authors have nothing to disclose.





# **Supplementary Material**

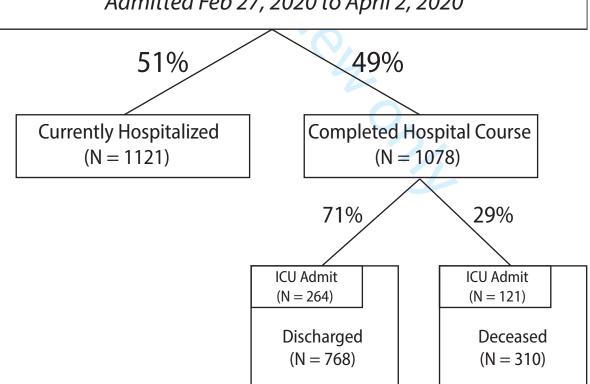
## **Supplementary Methods**

## Mount Sinai Covid Informatics Center (MSCIC) Data Platform

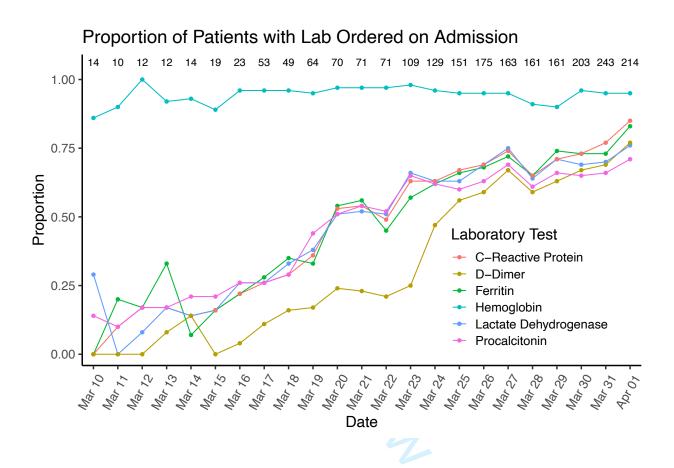
This dataset of clinical data is the first part of a larger effort that aims to create an heterogeneous collection of COVID-19 patient data. This effort brings together different stakeholders from MSHS, including research faculty, data scientists, clinicians, and hospital administrators, among others. The resulting dataset includes or will include longitudinal electronic health record (EHR) patient clinical data, multi-omics, such as genomics, imaging, such as chest CT scans, among others. The data, which are updated on a daily basis, is made available within a secure computational framework based on internal Microsoft Azure Cloud to researchers and analysts within the MSHS and the Icahn School of Medicine at Mount Sinai. This dataset is intended to foster research projects to improve the knowledge of this disease and augment clinical operations with machine intelligence.

# **Supplementary Figures**

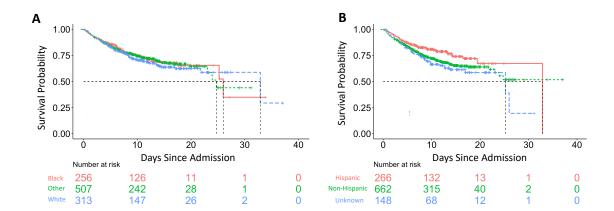
Hospitalized Covid-19 Positive Patients (N = 2199) Admitted Feb 27, 2020 to April 2, 2020



**Supplementary Figure 1:** Flowchart of patients included in study cohort. All patients had a confirmed COVID-19 qPCR from a nasopharyngeal swab. Patients were stratified by completion of hospital course.



**Supplementary Figure 2** Trends in laboratory test orders per day. Tests that compromised the Mount Sinai Health System COVID-19 special order (C-reactive protein, d-dimer, ferritin, hemoglobin, lactate dehydrogenase, procalcitonin) set were included. Number of orders of hemoglobin were also included as a comparison. We only included dates in which there were at least 10 COVID-19 patients admitted (i.e., 03/10/2020). We included data up to 04/01/2020 to leave a full 24 hours for the tests to be ordered.



**Supplementary Figure 3** Kaplan Meier curve stratified by A) self-reported race and B) ethnicity. Individuals were censored if they were hospitalized at the time of data-freeze.

**Supplementary Table 1** Diagnostic codes used to identify clinical comorbidities. Patients were determined to have a history of a clinical condition if they had at least one diagnostic code for the specific condition in their electronic health record.

DIAGNOSIS	CODE	TYPE	DESCRIPTION
Atrial fibrillation	427.3	ICD9	Atrial fibrillation and flutter
Atrial fibrillation	427.31	ICD9	Atrial fibrillation
Atrial fibrillation	427.32	ICD9	Atrial flutter
Atrial fibrillation	148	ICD10	Atrial fibrillation and flutter
Atrial fibrillation	148.0	ICD10	Paroxysmal atrial fibrillation
Atrial fibrillation	148.1	ICD10	Persistent atrial fibrillation
Atrial fibrillation	148.2	ICD10	Chronic atrial fibrillation
Atrial fibrillation	148.3	ICD10	Typical atrial flutter
Atrial fibrillation	148.4	ICD10	Atypical atrial flutter
Atrial fibrillation	148.91	ICD10	Unspecified atrial fibrillation
Atrial fibrillation	148.92	ICD10	Unspecified atrial flutter
Asthma	493	ICD9	Asthma
Asthma	493	ICD9	Extrinsic asthma
			Extrinsic asthma without mention of
Asthma	493	ICD9	status asthmaticus
Asthma	493.01	ICD9	Extrinsic asthma with status asthmaticus
Asthma	493.02	ICD9	Extrinsic asthma with acute exacerbation
Asthma	493.1	ICD9	Intrinsic asthma
			Intrinsic asthma without mention of
Asthma	493.1	ICD9	status asthmaticus
Asthma	493.11	ICD9	Intrinsic asthma with status asthmaticus
Asthma	493.12	ICD9	Intrinsic asthma with acute exacerbation
Asthma	493.2	ICD9	Chronic obstructive asthma
Asthma	493.2	ICD9	Chronic obstructive asthma
Asthma	493.21	ICD9	Chronic obstructive asthma
Asthma	493.22	ICD9	Chronic obstructive asthma
Asthma	493.8	ICD9	Other forms of asthma
Asthma	493.81	ICD9	Exercise induced bronchospasm
Asthma	493.82	ICD9	Cough variant asthma
Asthma	493.9	ICD9	Asthma
Asthma	493.9	ICD9	Asthma
Asthma	493.91	ICD9	Asthma
Asthma	493.92	ICD9	Asthma
Asthma	J45.0	ICD10	Asthma
Asthma	J45.20	ICD10	Mild intermittent asthma
			Mild intermittent asthma with (acute)
Asthma	J45.21	ICD10	exacerbation
			Mild intermittent asthma with status
			ivilia iliterilitterit astrilla with status

Asthma	J45.30	ICD10	Mild persistent asthma
			Mild persistent asthma with (acute)
Asthma	J45.31	ICD10	exacerbation
			Mild persistent asthma with status
Asthma	J45.32	ICD10	asthmaticus
Asthma	J45.40	ICD10	Moderate persistent asthma
			Moderate persistent asthma with (acute)
Asthma	J45.41	ICD10	exacerbation
			Moderate persistent asthma with status
Asthma	J45.42	ICD10	asthmaticus
Asthma	J45.50	ICD10	Severe persistent asthma
			Severe persistent asthma with (acute)
Asthma	J45.51	ICD10	exacerbation
		4	Severe persistent asthma with status
Asthma	J45.52	ICD10	asthmaticus
Asthma	J45.90	ICD10	Unspecified asthma
			Unspecified asthma with (acute)
Asthma	J45.901	ICD10	exacerbation
			Unspecified asthma with status
Asthma			asthmaticus
Asthma			Unspecified asthma
Asthma	J45.990	ICD10	Exercise induced bronchospasm
Asthma	J45.991	ICD10	Cough variant asthma
Asthma	J45.998	ICD10	Other asthma
Coronary artery			Acute coronary occlusion without
disease	411.81	ICD9	myocardial infarction
Coronary artery			
disease	414	ICD9	Coronary atherosclerosis
Coronary artery			Coronary atherosclerosis of unspecified
disease	414	ICD9	type of vessel
Coronary artery			Coronary atherosclerosis of native
disease	414.01	ICD9	coronary artery
Coronary artery			Coronary atherosclerosis of autologous
disease	414.02	ICD9	biological bypass graft
Coronary artery			Coronary atherosclerosis of nonautologous
disease	414.03	ICD9	biological bypass graft
Coronary artery			Coronary atherosclerosis of artery bypass
disease	414.04	ICD9	graft
Coronary artery			Coronary atherosclerosis of unspecified
disease	414.05	ICD9	type of bypass graft

Coronary artery			
disease	414.2	ICD9	Chronic total occlusion of coronary artery
Coronary artery	12.112	.023	Coronary atherosclerosis due to lipid rich
disease	414.3	ICD9	plaque
Coronary artery			Coronary atherosclerosis due to calcified
disease	414.4	ICD9	coronary lesion
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.01	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.02	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.1	ICD9	Acute myocardial infarction
Coronary artery	440.4		
disease	410.1	ICD9	Acute myocardial infarction
Coronary artery	44044	1000	
disease	410.11	ICD9	Acute myocardial infarction
Coronary artery disease	410.12	ICDO	Aguta mugaardial infaration
	410.12	ICD9	Acute myocardial infarction
Coronary artery disease	410.2	ICDO	Acute myocardial infarction
Coronary artery	410.2	ICD3	Acute myocardiai imarction
disease	410.2	ICD9	Acute myocardial infarction
Coronary artery	410.2	ICDS	Acute myocardia marction
disease	410.21	ICD9	Acute myocardial infarction
Coronary artery	720.22	. 323	. Today, o can anda. coon
disease	410.22	ICD9	Acute myocardial infarction
Coronary artery			,
disease	410.3	ICD9	Acute myocardial infarction
Coronary artery			·
disease	410.3	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.31	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.32	ICD9	Acute myocardial infarction

Coronary artery			
disease	410.4	ICD9	Acute myocardial infarction
Coronary artery	1.2011		,
disease	410.4	ICD9	Acute myocardial infarction
Coronary artery			,
disease	410.41	ICD9	Acute myocardial infarction
Coronary artery			,
disease	410.42	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.5	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.5	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.51	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.52	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.6	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.6	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.61	ICD9	Acute myocardial infarction
Coronary artery			· (C),
disease	410.62	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.7	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.7	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.71	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.72	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.8	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.8	ICD9	Acute myocardial infarction
Coronary artery	440.0	105.5	
disease	410.81	ICD9	Acute myocardial infarction
Coronary artery		1656	
disease	410.82	ICD9	Acute myocardial infarction

Coronary artery			
disease	410.9	ICD9	Acute myocardial infarction
Coronary artery disease	410.9	ICD9	Acute myocardial infarction
Coronary artery disease	410.91	ICD9	Acute myocardial infarction
Coronary artery disease	410.92	ICD9	Acute myocardial infarction
Coronary artery disease	411		Postmyocardial infarction syndrome
Coronary artery disease	412		Old myocardial infarction
Coronary artery disease	429.7	,	Certain sequelae of myocardial infarction
Coronary artery disease	429.71		Cardiac septal defect
Coronary artery disease	429.79		Other sequelae of myocardial infarction
Coronary artery disease	124.0		Acute coronary thrombosis not resulting in myocardial infarction
Coronary artery disease	125.1		Atherosclerotic heart disease of native coronary artery
Coronary artery disease			Atherosclerotic heart disease of native coronary artery without angina pectoris
Coronary artery disease			Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
Coronary artery disease	125.111	ICD10	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
Coronary artery disease	125.118	ICD10	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
Coronary artery disease	125.119	ICD10	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
Coronary artery disease	125.700	ICD10	Atherosclerosis of coronary artery bypass graft(s)
Coronary artery disease	125.701	ICD10	Atherosclerosis of coronary artery bypass graft(s)

I	1	
		Atherosclerosis of coronary artery bypass
125.708	ICD10	
		Atherosclerosis of coronary artery bypass
125.709	ICD10	graft(s)
		Atherosclerosis of autologous vein
		coronary artery bypass graft(s) with
125.710	ICD10	unstable angina pectoris
		Atherosclerosis of autologous vein
		coronary artery bypass graft(s) with
125.711	ICD10	angina pectoris with documented spasm
		Atherosclerosis of autologous vein
		coronary artery bypass graft(s) with other
125.718	ICD10	forms of angina pectoris
		Atherosclerosis of autologous vein
		coronary artery bypass graft(s) with
125 719	ICD10	unspecified angina pectoris
123.713	ICDIO	
		Atherosclerosis of autologous artery
125 720	ICD10	coronary artery bypass graft(s) with
125.720	ICDIO	
		Athscl autologous artery CABG w ang
125.721	ICD10	pctrs w documented spasm
		Atherosclerosis of autologous artery
		coronary artery bypass graft(s) with other
125.728	ICD10	forms of angina pectoris
		Atherosclerosis of autologous artery
		coronary artery bypass graft(s) with
125.729	ICD10	unspecified angina pectoris
		Atherosclerosis of nonautologous
		biological coronary artery bypass graft(s)
125.730	ICD10	with unstable angina pectoris
		Athscl nonaut biological CABG w ang pctrs
125 731	ICD10	
123.731	ICDIO	Atherosclerosis of nonautologous
		C C
125 720	ICD40	biological coronary artery bypass graft(s)
125./38	ICDIO	with other forms of angina pectoris
		Atherosclerosis of nonautologous
		biological coronary artery bypass graft(s)
125.739	ICD10	with unspecified angina pectoris
		Atherosclerosis of other coronary artery
		bypass graft(s) with unstable angina
125.790	ICD10	pectoris
	125.710   125.711   125.718   125.720   125.721   125.728   125.729   125.730   125.731	I25.711   ICD10   I25.718   ICD10   I25.720   ICD10   I25.721   ICD10   I25.729   ICD10   I25.729   ICD10   I25.730   ICD10   I25.731   ICD10   I25.731   ICD10   I25.738   ICD10   IC

Coronary artery disease	125.791	ICD10	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
Coronary artery disease	125.798	ICD10	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
Coronary artery disease	125.799	ICD10	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
Coronary artery disease	125.810	ICD10	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
Coronary artery disease	125.82	ICD10	Chronic total occlusion of coronary artery
Coronary artery disease	125.83	ICD10	Coronary atherosclerosis due to lipid rich plaque
Coronary artery disease	125.84	ICD10	Coronary atherosclerosis due to calcified coronary lesion
Coronary artery disease	121	ICD10	Acute myocardial infarction
Coronary artery disease	123.1	ICD10	Atrial septal defect as current complication following acute myocardial infarction
Coronary artery disease	I51.0	ICD10	Cardiac septal defect
Coronary artery disease	124.1	ICD10	Dressler's syndrome
Coronary artery disease	123.0	ICD10	Hemopericardium as current complication following acute myocardial infarction
Coronary artery disease	I51.3	ICD10	Intracardiac thrombosis
Coronary artery disease	121.9	ICD10	Myocardial infarction (acute) NOS
Coronary artery disease	I21.A1	ICD10	Myocardial infarction type 2
Coronary artery disease	121.4	ICD10	Non-ST elevation (NSTEMI) myocardial infarction
Coronary artery disease	125.2	ICD10	Old myocardial infarction

Coronary artery			Other current complications following
disease	133 8	ICD10	acute myocardial infarction
	123.8	ICDIO	acute myocardiai imarction
Coronary artery disease	121 40	ICD10	Other myecardial infarction type
	121.A9	ICDIO	Other myocardial infarction type
Coronary artery	124.4	16546	
disease	121.A	ICD10	Other type of myocardial infarction
Coronary artery			
disease	123.7	ICD10	Postinfarction angina
			Rupture of cardiac wall without
Coronary artery			hemopericardium as current complication
disease	123.3	ICD10	following acute myocardial infarction
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving left anterior
disease	121.02	ICD10	descending coronary artery
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving left circumflex
disease	121.21	ICD10	coronary artery
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving left main coronary
disease	121.01	ICD10	artery
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving other coronary artery
disease	121.09	ICD10	of anterior wall
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving other coronary artery
disease	121.19	ICD10	of inferior wall
Coronary artery			ST elevation (STEMI) myocardial
disease	121.29	ICD10	infarction involving other sites
Coronary artery			ST elevation (STEMI) myocardial
disease	121.11	ICD10	infarction involving right coronary artery
Coronary artery			ST elevation (STEMI) myocardial
disease	121.0	ICD10	infarction of anterior wall
Coronary artery	1==16		ST elevation (STEMI) myocardial
disease	121.1	ICD10	infarction of inferior wall
Coronary artery	,,,,,,		ST elevation (STEMI) myocardial
disease	121 2	ICD10	infarction of other sites
	121.2	ICDIO	
Coronary artery	124.2	ICD10	ST elevation (STEMI) myocardial
disease	121.3	ICDIO	infarction of unspecified site

Coronary artery			Subsequent non-ST elevation (NSTEMI)
disease	122.2	ICD10	myocardial infarction
			Subsequent ST elevation (STEMI) and non-
Coronary artery			ST elevation (NSTEMI) myocardial
disease	122	ICD10	infarction
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.0	ICD10	myocardial infarction of anterior wall
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.1	ICD10	myocardial infarction of inferior wall
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.8	ICD10	myocardial infarction of other sites
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.9	ICD10	myocardial infarction of unspecified site
Coronary artery	-	4	
disease	123.6	ICD10	Thrombosis of atrium
			Ventricular septal defect as current
Coronary artery			complication following acute myocardial
disease	123.2	ICD10	infarction
Cancer	140	ICD9	Malignant neoplasm of lip
Cancer	140	ICD9	Malignant neoplasm of upper lip
Cancer	140.1	ICD9	Malignant neoplasm of lower lip
Cancer	140.3	ICD9	Malignant neoplasm of upper lip
Cancer	140.4	ICD9	Malignant neoplasm of lower lip
Cancer	140.5	ICD9	Malignant neoplasm of lip
Cancer	140.6	ICD9	Malignant neoplasm of commissure of lip
Cancer	140.8	ICD9	Malignant neoplasm of other sites of lip
Cancer	140.9	ICD9	Malignant neoplasm of lip
Cancer	141	ICD9	Malignant neoplasm of tongue
Cancer	141	ICD9	Malignant neoplasm of base of tongue
			Malignant neoplasm of dorsal surface of
Cancer	141.1	ICD9	tongue
			Malignant neoplasm of tip and lateral
Cancer	141.2	ICD9	border of tongue
			Malignant neoplasm of ventral surface of
Cancer	141.3	ICD9	tongue
			Malignant neoplasm of anterior two-
Cancer	141.4	ICD9	thirds of tongue
			Malignant neoplasm of junctional zone of
Cancer	141.5	ICD9	tongue

Cancer	141.6	ICD9	Malignant neoplasm of lingual tonsil
			Malignant neoplasm of other sites of
Cancer	141.8	ICD9	tongue
Cancer	141.9	ICD9	Malignant neoplasm of tongue
			Malignant neoplasm of major salivary
Cancer	142	ICD9	glands
Cancer	142	ICD9	Malignant neoplasm of parotid gland
			Malignant neoplasm of submandibular
Cancer	142.1	ICD9	gland
Cancer	142.2	ICD9	Malignant neoplasm of sublingual gland
			Malignant neoplasm of other major
Cancer	142.8	ICD9	salivary glands
Cancer	142.9	ICD9	Malignant neoplasm of salivary gland
Cancer	143	ICD9	Malignant neoplasm of gum
Cancer	143	ICD9	Malignant neoplasm of upper gum
Cancer	143.1	ICD9	Malignant neoplasm of lower gum
Cancer	143.8	ICD9	Malignant neoplasm of other sites of gum
Cancer	143.9	ICD9	Malignant neoplasm of gum
Cancer	144	ICD9	Malignant neoplasm of floor of mouth
			Malignant neoplasm of anterior portion of
Cancer	144	ICD9	floor of mouth
			Malignant neoplasm of lateral portion of
Cancer	144.1	ICD9	floor of mouth
			Malignant neoplasm of other sites of floor
Cancer	144.8	ICD9	of mouth
Cancer	144.9	ICD9	Malignant neoplasm of floor of mouth
			Malignant neoplasm of other and
Cancer	145		unspecified parts of mouth
Cancer	145	ICD9	Malignant neoplasm of cheek mucosa
			Malignant neoplasm of vestibule of
Cancer	145.1		mouth
Cancer	145.2		Malignant neoplasm of hard palate
Cancer	145.3		Malignant neoplasm of soft palate
Cancer	145.4		Malignant neoplasm of uvula
Cancer	145.5		Malignant neoplasm of palate
Cancer	145.6	ICD9	Malignant neoplasm of retromolar area
			Malignant neoplasm of other specified
Cancer	145.8		parts of mouth
Cancer	145.9	ICD9	Malignant neoplasm of mouth

Cancer	146	ICD9	Malignant neoplasm of oropharynx
Cancer	146		Malignant neoplasm of tonsil
Cancer	146.1	ICD9	Malignant neoplasm of tonsillar fossa
			Malignant neoplasm of tonsillar pillars
Cancer	146.2	ICD9	(anterior) (posterior)
Cancer	146.3	ICD9	Malignant neoplasm of vallecula
			Malignant neoplasm of anterior aspect of
Cancer	146.4	ICD9	epiglottis
			Malignant neoplasm of junctional region
Cancer	146.5	ICD9	of oropharynx
			Malignant neoplasm of lateral wall of
Cancer	146.6	ICD9	oropharynx
			Malignant neoplasm of posterior wall of
Cancer	146.7	ICD9	oropharynx
			Malignant neoplasm of other specified
Cancer	146.8		sites of oropharynx
Cancer	146.9		Malignant neoplasm of oropharynx
Cancer	147	ICD9	Malignant neoplasm of nasopharynx
			Malignant neoplasm of superior wall of
Cancer	147	ICD9	nasopharynx
			Malignant neoplasm of posterior wall of
Cancer	147.1	ICD9	nasopharynx
			Malignant neoplasm of lateral wall of
Cancer	147.2	ICD9	nasopharynx
			Malignant neoplasm of anterior wall of
Cancer	147.3	ICD9	nasopharynx
			Malignant neoplasm of other specified
Cancer	147.8		sites of nasopharynx
Cancer	147.9		Malignant neoplasm of nasopharynx
Cancer	148	ICD9	Malignant neoplasm of hypopharynx
			Malignant neoplasm of postcricoid region
Cancer	148		of hypopharynx
Cancer	148.1		Malignant neoplasm of pyriform sinus
Cancer	148.2	ICD9	Malignant neoplasm of aryepiglottic fold
			Malignant neoplasm of posterior
Cancer	148.3	ICD9	hypopharyngeal wall
			Malignant neoplasm of other specified
Cancer	148.8		sites of hypopharynx
Cancer	148.9	ICD9	Malignant neoplasm of hypopharynx

			Naci: and an analogue of other and ill
Camaan	140	ICDO	Malignant neoplasm of other and ill-
Cancer	149		defined sites within the lip
Cancer	149		Malignant neoplasm of pharynx
Cancer	149.1	ICD9	Malignant neoplasm of waldeyer's ring
_			Malignant neoplasm of other sites within
Cancer	149.8	ICD9	the lip and oral cavity
			Malignant neoplasm of ill-defined sites
Cancer	149.9		within the lip and oral cavity
Cancer	150	ICD9	Malignant neoplasm of esophagus
			Malignant neoplasm of cervical
Cancer	150	ICD9	esophagus
			Malignant neoplasm of thoracic
Cancer	150.1	ICD9	esophagus
			Malignant neoplasm of abdominal
Cancer	150.2	ICD9	esophagus
			Malignant neoplasm of upper third of
Cancer	150.3	ICD9	esophagus
			Malignant neoplasm of middle third of
Cancer	150.4	ICD9	esophagus
			Malignant neoplasm of lower third of
Cancer	150.5	ICD9	esophagus
			Malignant neoplasm of other specified
Cancer	150.8	ICD9	part of esophagus
Cancer	150.9	ICD9	Malignant neoplasm of esophagus
Cancer	151		Malignant neoplasm of stomach
Cancer	151		Malignant neoplasm of cardia
Cancer	151.1		Malignant neoplasm of pylorus
Cancer	151.2		Malignant neoplasm of pyloric antrum
			3 1 17
Cancer	151.3	ICD9	Malignant neoplasm of fundus of stomach
Cancer	151.4		Malignant neoplasm of body of stomach
			Malignant neoplasm of lesser curvature of
Cancer	151.5	ICD9	stomach
		1023	Malignant neoplasm of greater curvature
Cancer	151.6	ICDa	of stomach
	131.0	.003	Malignant neoplasm of other specified
Cancer	151.8	ICD0	sites of stomach
Cancer	151.8		Malignant neoplasm of stomach
			Malignant neoplasm of colon
Cancer	153		
Cancer	153	ICD9	Malignant neoplasm of hepatic flexure

Cancer	153.1	ICD9	Malignant neoplasm of transverse colon
Cancer	153.2	ICD9	Malignant neoplasm of descending colon
Cancer	153.3	ICD9	Malignant neoplasm of sigmoid colon
Cancer	153.4	ICD9	Malignant neoplasm of cecum
			Malignant neoplasm of appendix
Cancer	153.5	ICD9	vermiformis
Cancer	153.6	ICD9	Malignant neoplasm of ascending colon
Cancer	153.7	ICD9	Malignant neoplasm of splenic flexure
			Malignant neoplasm of other specified
Cancer	153.8	ICD9	sites of large intestine
Cancer	153.9		Malignant neoplasm of colon
			Malignant neoplasm of other sites of
Cancer	154.8	ICD9	rectum
		4	Malignant neoplasm of liver and
Cancer	155	ICD9	intrahepatic bile ducts
			Malignant neoplasm of intrahepatic bile
Cancer	155.1	ICD9	ducts
Cancer	155.2		Malignant neoplasm of liver
Cancer	157		Malignant neoplasm of pancreas
Cancer	157		Malignant neoplasm of head of pancreas
Cancer	157.1		Malignant neoplasm of body of pancreas
Cancer	157.2		Malignant neoplasm of tail of pancreas
Cancer	157.3		Malignant neoplasm of pancreatic duct
Carreer	137.3	1000	Malignant neoplasm of islets of
Cancer	157.4	ICD9	Langerhans
Caricei	137.4	ICDS	Malignant neoplasm of other specified
Cancer	157.8	ICD0	sites of pancreas
Cancer	157.9		Malignant neoplasm of pancreas
Cancer	159		Malignant neoplasm of intestinal tract
Cancer	160		Malignant neoplasm of nasal cavities
			Malignant neoplasm of nasal cavities
Cancer	160		·
Cancer	160.1		Malignant neoplasm of auditory tube
Cancer	160.2		Malignant neoplasm of maxillary sinus
Cancer	160.3		Malignant neoplasm of ethmoidal sinus
Cancer	160.4		Malignant neoplasm of frontal sinus
Cancer	160.5	ICD9	Malignant neoplasm of sphenoidal sinus
6	460.5	1050	Malignant neoplasm of other accessory
Cancer	160.8		sinuses
Cancer	160.9		Malignant neoplasm of accessory sinus
Cancer	161	ICD9	Malignant neoplasm of larynx

Cancer	161	ICD9	Malignant neoplasm of glottis
Cancer	161.1		Malignant neoplasm of supraglottis
Cancer	161.2		Malignant neoplasm of subglottis
			Malignant neoplasm of laryngeal
Cancer	161.3	ICD9	cartilages
			Malignant neoplasm of other specified
Cancer	161.8	ICD9	sites of larynx
Cancer	161.9	ICD9	Malignant neoplasm of larynx
Cancer	162	ICD9	Malignant neoplasm of trachea
Cancer	162	ICD9	Malignant neoplasm of trachea
Cancer	162.2	ICD9	Malignant neoplasm of main bronchus
Cancer	162.3	ICD9	Malignant neoplasm of upper lobe
Cancer	162.4	ICD9	Malignant neoplasm of middle lobe
Cancer	162.5	ICD9	Malignant neoplasm of lower lobe
			Malignant neoplasm of other parts of
Cancer	162.8	ICD9	bronchus or lung
Cancer	162.9	ICD9	Malignant neoplasm of bronchus and lung
Cancer	163	ICD9	Malignant neoplasm of pleura
Cancer	163	ICD9	Malignant neoplasm of parietal pleura
Cancer	163.1	ICD9	Malignant neoplasm of visceral pleura
			Malignant neoplasm of other specified
Cancer	163.8	ICD9	sites of pleura
Cancer	163.9	ICD9	Malignant neoplasm of pleura
Cancer	164	ICD9	Malignant neoplasm of thymus
Cancer	164	ICD9	Malignant neoplasm of thymus
Cancer	164.1	ICD9	Malignant neoplasm of heart
			Malignant neoplasm of anterior
Cancer	164.2	ICD9	mediastinum
			Malignant neoplasm of posterior
Cancer	164.3	ICD9	mediastinum
			Malignant neoplasm of other parts of
Cancer	164.8	ICD9	mediastinum
Cancer	164.9	ICD9	Malignant neoplasm of mediastinum
			Malignant neoplasm of other and ill-
			defined sites within the respiratory
Cancer	165	ICD9	system and intrathoracic organs
			Malignant neoplasm of upper respiratory
Cancer	165	ICD9	tract

			Malignant neoplasm of other sites within
			the respiratory system and intrathoracic
Cancer	165.8	ICD9	organs
			Malignant neoplasm of ill-defined sites
Cancer	165.9	ICD9	within the respiratory system
			Malignant neoplasm of bone and articular
Cancer	170	ICD9	cartilage
			Malignant neoplasm of bones of skull and
Cancer	170	ICD9	face
Cancer	170.1	ICD9	Malignant neoplasm of mandible
Cancer	170.2	ICD9	Malignant neoplasm of vertebral column
Cancer	170.3	ICD9	Malignant neoplasm of ribs
			Malignant neoplasm of scapula and long
Cancer	170.4	ICD9	bones of upper limb
			Malignant neoplasm of short bones of
Cancer	170.5		upper limb
Cancer	170.6	ICD9	Malignant neoplasm of pelvic bones
			Malignant neoplasm of long bones of
Cancer	170.7	ICD9	lower limb
			Malignant neoplasm of short bones of
Cancer	170.8	ICD9	lower limb
			Malignant neoplasm of bone and articular
Cancer	170.9	ICD9	cartilage
			Malignant neoplasm of connective and
Cancer	171	ICD9	other soft tissue
	474	1000	Malignant neoplasm of connective and
Cancer	171	ICD9	other soft tissue of head
G	474.2	1000	Malignant neoplasm of connective and
Cancer	171.2	ICD9	other soft tissue of upper limb
Connection	171 0	ICDO	Malignant neoplasm of connective and
Cancer	171.3	ICD9	other soft tissue of lower limb
Cancor	171 4	ICDO	Malignant neoplasm of connective and other soft tissue of thorax
Cancer	171.4	ICD9	
Cancor	171 г	ICDO	Malignant neoplasm of connective and other soft tissue of abdomen
Cancer	171.5	ICD9	
Cancer	171.6	וכטט	Malignant neoplasm of connective and other soft tissue of pelvis
Cancer	1/1.0	ICD9	•
Cancer	171.7	ICDO	Malignant neoplasm of connective and other soft tissue of trunk
Cancer	1/1./	ICDS	סנוובו אטוג נואאשב טו נועווג

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Camaan	171.0	ICDO	Malignant neoplasm of other specified sites of connective and other soft tissue
Cancer	171.8	ICD9	
Camaan	171.0	ICDO	Malignant neoplasm of connective and
Cancer	171.9		other soft tissue
Cancer	173		Other malignant neoplasm of skin
Cancer	173	ICD9	Other malignant neoplasm of skin of lip
Cancer	173	ICD9	Unspecified malignant neoplasm of skin of lip
Cancer	173.09	ICD9	Other specified malignant neoplasm of skin of lip
•			Other malignant neoplasm of skin of
Cancer	173.1	ICD9	eyelid
Cancer	173.1	ICD9	Unspecified malignant neoplasm of eyelid
			Other specified malignant neoplasm of
Cancer	173.19	ICD9	eyelid
			Other malignant neoplasm of skin of ear
Cancer	173.2	ICD9	and external auditory canal
			Unspecified malignant neoplasm of skin
Cancer	173.2	ICD9	of ear and external auditory canal
			Other specified malignant neoplasm of
Cancer	173.29	ICD9	skin of ear and external auditory canal
			Other malignant neoplasm of skin of
Cancer	173.3	ICD9	other and unspecified parts of face
			Unspecified malignant neoplasm of skin
Cancer	173.3	ICD9	of other and unspecified parts of face
			Other specified malignant neoplasm of
Cancer	173.39	ICD9	skin of other and unspecified parts of face
			Other malignant neoplasm of scalp and
Cancer	173.4	ICD9	skin of neck
			Unspecified malignant neoplasm of scalp
Cancer	173.4	ICD9	and skin of neck
			Other specified malignant neoplasm of
Cancer	173.49	ICD9	scalp and skin of neck
Cancer	173.5	ICD9	Other malignant neoplasm of skin of trunk
			Unspecified malignant neoplasm of skin
Cancer	173.5	ICD9	of trunk

Other specified malignant neoplasm of Skin of trunk  Cancer 173.6 ICD9 upper limb  Unspecified malignant neoplasm of Skin of Upper limb  Cancer 173.6 ICD9 of upper limb  Other specified malignant neoplasm of Skin of Upper limb  Cancer 173.7 ICD9 lower limb  Cancer 173.7 ICD9 of lower limb  Cancer 173.7 ICD9 of lower limb  Cancer 173.7 ICD9 skin of lower limb  Cancer 173.8 ICD9 skin of lower limb  Cancer 173.8 ICD9 specified malignant neoplasm of other specified malignant neoplasm of Skin Other Specified malignant neoplasm of Sk	
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Cancer 173.89 ICD9 other specified sites of skin  Cancer 173.9 ICD9 Other malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Other specified malignant neoplasm of skin  Other specified malignant neoplasm of skin  Other specified malignant neoplasm of skin  ICD9 Skin  Cancer 173.99 ICD9 skin  Cancer 175 ICD9 Malignant neoplasm of male breast  Malignant neoplasm of nipple and area	۲ <u>۰</u>
Cancer 173.89 ICD9 other specified sites of skin  Cancer 173.9 ICD9 Other malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Other specified malignant neoplasm of  Cancer 173.99 ICD9 skin  Cancer 175 ICD9 Malignant neoplasm of male breast  Malignant neoplasm of nipple and area	
Cancer 173.9 ICD9 Other malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Other specified malignant neoplasm of  Cancer 173.99 ICD9 skin  Cancer 175 ICD9 Malignant neoplasm of male breast  Malignant neoplasm of nipple and area	
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Other specified malignant neoplasm of Cancer 173.99 ICD9 skin  Cancer 175 ICD9 Malignant neoplasm of male breast  Malignant neoplasm of nipple and area	
Cancer 173.99 ICD9 skin Cancer 175 ICD9 Malignant neoplasm of male breast Malignant neoplasm of nipple and area	
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Malignant neoplasm of nipple and area	
Concor 1751 ICDOL of read a bracest	a
Cancer 175 ICD9 of male breast	
Malignant neoplasm of other and	
Cancer 175.9 ICD9 unspecified sites of male breast	
Cancer 180 ICD9 Malignant neoplasm of cervix uteri	
Cancer 180 ICD9 Malignant neoplasm of endocervix	
Cancer 180.1 ICD9 Malignant neoplasm of exocervix	
Malignant neoplasm of other specified	
Cancer 180.8 ICD9 sites of cervix	
Cancer 180.9 ICD9 Malignant neoplasm of cervix uteri	
Cancer 184 ICD9 Malignant neoplasm of vagina	
Cancer 184.1 ICD9 Malignant neoplasm of labia majora	
Cancer 184.2 ICD9 Malignant neoplasm of labia minora	
Cancer 184.3 ICD9 Malignant neoplasm of clitoris	
Cancer 184.4 ICD9 Malignant neoplasm of vulva	

Cancer	185	ICD9	Malignant neoplasm of prostate
			Malignant neoplasm of penis and other
Cancer	187	ICD9	male genital organs
Cancer	190		Malignant neoplasm of eye
Cancer	190		Malignant neoplasm of eyeball
Cancer	190.1		Malignant neoplasm of orbit
Cancer	190.2	ICD9	Malignant neoplasm of lacrimal gland
Cancer	190.3	ICD9	Malignant neoplasm of conjunctiva
Cancer	190.4	ICD9	Malignant neoplasm of cornea
Cancer	190.5	ICD9	Malignant neoplasm of retina
Cancer	190.6	ICD9	Malignant neoplasm of choroid
Cancer	190.7	ICD9	Malignant neoplasm of lacrimal duct
			Malignant neoplasm of other specified
Cancer	190.8	ICD9	sites of eye
Cancer	190.9	ICD9	Malignant neoplasm of eye
Cancer	191	ICD9	Malignant neoplasm of brain
Cancer	191	ICD9	Malignant neoplasm of cerebrum
Cancer	191.1	ICD9	Malignant neoplasm of frontal lobe
Cancer	191.2	ICD9	Malignant neoplasm of temporal lobe
Cancer	191.3	ICD9	Malignant neoplasm of parietal lobe
Cancer	191.4	ICD9	Malignant neoplasm of occipital lobe
Cancer	191.5	ICD9	Malignant neoplasm of ventricles
Cancer	191.6	ICD9	Malignant neoplasm of cerebellum NOS
Cancer	191.7	ICD9	Malignant neoplasm of brain stem
			Malignant neoplasm of other parts of
Cancer	191.8	ICD9	brain
Cancer	191.9	ICD9	Malignant neoplasm of brain
			Malignant neoplasm of other and
Cancer	192	ICD9	unspecified parts of nervous system
Cancer	192	ICD9	Malignant neoplasm of cranial nerves
Cancer	192.1	ICD9	Malignant neoplasm of cerebral meninges
Cancer	192.2	ICD9	Malignant neoplasm of spinal cord
Cancer	192.3		Malignant neoplasm of spinal meninges
			Malignant neoplasm of other specified
Cancer	192.8	ICD9	sites of nervous system
Cancer	192.9	ICD9	Malignant neoplasm of nervous system
Cancer	193		Malignant neoplasm of thyroid gland
			Malignant neoplasm of other endocrine
Cancer	194	ICD9	glands and related structures

Cancer	194	ICD9	Malignant neoplasm of adrenal gland
Caricei	194	ICD3	I wangnant neopiasin of auterial gianu
Cancer	194.1	ICDO	Malignant neoplasm of parathyroid gland
Caricei	194.1	ICD3	
Canaar	104.3	ICDO	Malignant neoplasm of pituitary gland
Cancer	194.3		and craniopharyngeal duct
Cancer	194.4		Malignant neoplasm of pineal gland
Cancer	194.5	ICD9	Malignant neoplasm of carotid body
	1016	1000	Malignant neoplasm of aortic body and
Cancer	194.6	ICD9	other paraganglia
_			Malignant neoplasm of other endocrine
Cancer	194.8		glands and related structures
Cancer	194.9		Malignant neoplasm of endocrine gland
Cancer	195.1	ICD9	Malignant neoplasm of thorax
			Other malignant neoplasms of lymphoid
Cancer	202	ICD9	and histiocytic tissue
Cancer	202.3	ICD9	Malignant histiocytosis
Cancer	202.3	ICD9	Malignant histiocytosis
			Malignant histiocytosis involving lymph
Cancer	202.31	ICD9	nodes of head
			Malignant histiocytosis involving
Cancer	202.32	ICD9	intrathoracic lymph nodes
			Malignant histiocytosis involving intra-
Cancer	202.33	ICD9	abdominal lymph nodes
			Malignant histiocytosis involving lymph
Cancer	202.34	ICD9	nodes of axilla and upper limb
			Malignant histiocytosis involving lymph
Cancer	202.35	ICD9	nodes of inguinal region and lower limb
			Malignant histiocytosis involving
Cancer	202.36	ICD9	intrapelvic lymph nodes
Cancer	202.37	ICD9	Malignant histiocytosis involving spleen
			Malignant histiocytosis involving lymph
Cancer	202.38	ICD9	nodes of multiple sites
Cancer	202.5		Letterer-Siwe disease
Cancer	202.5		Letterer-Siwe disease
			Letterer-Siwe disease involving lymph
Cancer	202.51	ICD9	nodes of head
	132132		Letterer-Siwe disease involving
Cancer	202.52	ICD9	intrathoracic lymph nodes
	202.32	.555	Letterer-Siwe disease involving intra-
Cancer	202.53	ICD0	abdominal lymph nodes
Caricci	202.33	נטטו	abaomina iyinpii nodes

			Letterer-Siwe disease involving lymph
Cancer	202.54	ICD9	nodes of axilla and upper limb
			Letterer-Siwe disease involving lymph
Cancer	202.55	ICD9	nodes of inguinal region and lower limb
			Letterer-Siwe disease involving intrapelvic
Cancer	202.56	ICD9	lymph nodes
Cancer	202.57	ICD9	Letterer-Siwe disease involving spleen
			Letterer-Siwe disease involving lymph
Cancer	202.58	ICD9	nodes of multiple sites
Cancer	202.6	ICD9	Malignant mast cell tumors
Cancer	202.6	ICD9	Malignant mast cell tumors
			Malignant mast cell tumors involving
Cancer	202.61	ICD9	lymph nodes of head
			Malignant mast cell tumors involving
Cancer	202.62	ICD9	intrathoracic lymph nodes
			Malignant mast cell tumors involving intra-
Cancer	202.63	ICD9	abdominal lymph nodes
			Malignant mast cell tumors involving
Cancer	202.64	ICD9	lymph nodes of axilla and upper limb
			Malignant mast cell tumors involving
			lymph nodes of inguinal region and lower
Cancer	202.65	ICD9	limb
			Malignant mast cell tumors involving
Cancer	202.66	ICD9	intrapelvic lymph nodes
			Malignant mast cell tumors involving
Cancer	202.67	ICD9	spleen
			Malignant mast cell tumors involving
Cancer	202.68	ICD9	lymph nodes of multiple sites
			Malignant carcinoid tumors of the
Cancer	209.1	ICD9	appendix
			Malignant carcinoid tumor of the large
Cancer	209.1	ICD9	intestine
			Malignant carcinoid tumor of the
Cancer	209.11	ICD9	appendix
Cancer	209.12	ICD9	Malignant carcinoid tumor of the cecum
			Malignant carcinoid tumor of the
Cancer	209.13	ICD9	ascending colon
			Malignant carcinoid tumor of the
Cancer	209.14	ICD9	transverse colon
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Canaca	200.45	ICDO	Malignant carcinoid tumor of the
Cancer	209.15	ICD9	descending colon
Cancor	209.16	ICDO	Malignant carcinoid tumor of the sigmoid colon
Cancer	209.16	ICD9	
Canaar	209.2	ICDO	Malignant carcinoid tumors of other and
Cancer	209.2	ICD9	unspecified sites
Cancor	200.2	ICDO	Malignant carcinoid tumor of unknown
Cancer	209.2	ICD9	primary site
Canaar	200.21	ICDO	Malignant carcinoid tumor of the
Cancer	209.21		bronchus and lung
Cancer	209.22	ICD9	Malignant carcinoid tumor of the thymus
Canaar	200.22	ICDO	Malignant carsinald tumor of the stamach
Cancer	209.23		Malignant carcinoid tumor of the stomach
Cancer	209.24	ICD9	Malignant carcinoid tumor of the kidney
Cancor	209.29	ICDO	Malignant carsinald tumors of other sites
Cancer	209.29	ICD9	Malignant carcinoid tumors of other sites
Cancor	209.3	ICDO	Malignant poorly differentiated neuroendocrine tumors
Cancer	209.5	ICD9	<u> </u>
Cancor	209.3	ICDO	Malignant poorly differentiated neuroendocrine carcinoma
Cancer	209.5	ICD9	
Canaar	200.21	ICDO	Merkel cell carcinoma of the face
Cancer	209.31	ICD9	(ADDED)
Cancer	209.32	ICDO	Merkel cell carcinoma of the scalp & neck (ADDED)
Cancer	209.32	ICDS	
Cancer	209.33	ICDO	Merkel cell carcinoma of the upper limb (ADDED)
Cancer	209.33	ICDS	
Cancer	209.34	ICDO	Merkel cell carcinoma of the lower limb
Cancer	209.54	ICDS	(ADDED)  Merkel cell carcinoma of the trunk
Cancer	209.35	ICDO	(ADDED)
Cancer	209.55	ICDS	,
Cancer	209.36	וכחמ	Merkel cell carcinoma of other sites (ADDED)
Cancer	209.36		Secondary neuroendocrine tumor
Cancer	209.75		Merkel cell carcinoma
Cancer	209.75		Carcinoma in situ of lip
Cancer	230.1		Carcinoma in situ of esophagus
Cancer	230.1		Carcinoma in situ of esophagus  Carcinoma in situ of stomach
Cancer	230.2		Carcinoma in situ of stomach
Cancer	230.3	וכטא	
Cancer	220 o	וכחמ	Carcinoma in situ of liver and biliary
Cancer	230.8	ICD9	system

Cancer	231	ICD9	Carcinoma in situ of respiratory system
Cancer	231		Carcinoma in situ of larynx
Cancer	231.1		Carcinoma in situ of trachea
Cancer	231.2		Carcinoma in situ of bronchus and lung
			Carcinoma in situ of other specified parts
Cancer	231.8	ICD9	of respiratory system
Cancer	231.9		Carcinoma in situ of respiratory system
Cancer	232		Carcinoma in situ of skin
		.020	Carcinoma in situ of breast and
Cancer	233	ICD9	genitourinary system
Cancer	233		Carcinoma in situ of breast
Carroci		.023	Carcinoma in situ of other and unspecified
Cancer	233.3	ICD9	female genital organs
Carreer	233.3	1000	Carcinoma in situ of unspecified female
Cancer	233.3	ICD9	genital organ
Cancer	233.31		Carcinoma in situ of vagina
Cancer	233.32		Carcinoma in situ of vulva
Carreer	233.32	ICDS	Carcinoma in situ of other female genital
Cancer	233.39	ICDO	organ
Cancer	233.4		Carcinoma in situ of prostate
Cancer	233.5		Carcinoma in situ of prostate
Caricei	255.5	ICDS	Carcinoma in situ of other and unspecified
Cancer	233.6	ICDO	male genital organs
Cancer	233.7		Carcinoma in situ of bladder
Cancer	233.7	ICDS	
Cancor	233.9	ICDO	Carcinoma in situ of other and unspecified
Cancer	255.5	ICDS	urinary organs
Canaar	224	ICDO	Carcinoma in situ of other and unspecified
Cancer	234 234		sites Carcinoma in situ of eye
Cancer			Carcinoma in situ of eye  Carcinoma in situ of other specified sites
Cancer	234.8		·
Cancer	234.9	ICD9	Carcinoma in situ
Canada	226	ICDO	Na colores of consentain habanian of change
Cancer	236	ICD9	Neoplasm of uncertain behavior of uterus
<b>C</b>	226.4	1000	Neoplasm of uncertain behavior of
Cancer	236.1		placenta
Cancer	236.2	ICD9	Neoplasm of uncertain behavior of ovary
			Neoplasm of uncertain behavior of other
Cancer	236.3	ICD9	and unspecified female genital organs
			Neoplasm of uncertain behavior of
Cancer	236.7	ICD9	bladder

			Neoplasm of unspecified nature of
Cancer	239.4	ICD9	bladder
Cancer	338.3	ICD9	Neoplasm related pain (acute) (chronic)
Cancer	795.82	ICD9	Elevated cancer antigen 125 [CA 125]
			Personal history of malignant neoplasm of
Cancer	V10.01	ICD10	
			Personal history of malignant neoplasm of
Cancer	V10.03	ICD10	esophagus
			Personal history of malignant neoplasm of
Cancer	V10.04	ICD10	stomach
•			Personal history of malignant neoplasm of
Cancer	V10.05	ICD10	large intestine
			Personal history of malignant neoplasm of
Cancer	V10.1	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	V10.11	ICD10	bronchus and lung
			Personal history of malignant neoplasm of
Cancer	V10.12	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	V10.2	ICD10	other respiratory and intrathoracic organs
			Personal history of malignant neoplasm of
Cancer	V10.20	ICD10	unspecified respiratory organ
			Personal history of malignant neoplasm of
Cancer	V10.21	ICD10	-
			Personal history of malignant neoplasm of
Cancer	V10.22	ICD10	nasal cavities
Company	V40 20	10010	Personal history of malignant neoplasm of
Cancer	V10.29	ICDIO	other respiratory and intrathoracic organs
Canaar	V10 41	ICD10	Personal history of malignant neoplasm of cervix uteri
Cancer	V10.41	ICDIO	
Cancor	V10 16	ICD10	Personal history of malignant neoplasm of prostate
Cancer	V 1U.40	ICDIO	,
Cancer	\/10 <i>1</i> 0	ICD10	Personal history of malignant neoplasm of epididymis
Caricei	V 1U.40	ICDIO	Personal history of malignant neoplasm of
Cancer	V10.52	ICD10	
Curicci	V 10.52	10010	Personal history of other lymphatic and
Cancer	V10 7	ICD10	hematopoietic neoplasms
Caricci	V 10.7	ICDIO	mematopoietie neopiasins

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			Personal history of other lymphatic and
Cancer	V10.79	ICD10	hematopoietic neoplasms
			Personal history of malignant neoplasm of
Cancer	V10.81	ICD10	bone
			Personal history of other malignant
Cancer	V10.83	ICD10	neoplasm of skin
			Personal history of malignant neoplasm of
Cancer	V10.84	ICD10	eye
			Personal history of malignant neoplasm of
Cancer	V10.85	ICD10	brain
			Personal history of malignant neoplasm of
Cancer	V10.86	ICD10	other parts of nervous system
			Personal history of malignant neoplasm of
Cancer	V10.87	ICD10	thyroid
			Personal history of malignant neoplasm of
			other endocrine glands and related
Cancer	V10.88	ICD10	structures
Cancer	C00	ICD10	Malignant neoplasm of lip
Cancer	C00.0	ICD10	Malignant neoplasm of external upper lip
Cancer	C00.1	ICD10	Malignant neoplasm of external lower lip
Cancer	C00.2	ICD10	Malignant neoplasm of external lip
Cancer	C00.3	ICD10	Malignant neoplasm of upper lip
Cancer	C00.4	ICD10	Malignant neoplasm of lower lip
Cancer	C00.5	ICD10	Malignant neoplasm of lip
Cancer	C00.6	ICD10	Malignant neoplasm of commissure of lip
			Malignant neoplasm of overlapping sites
Cancer	C00.8	ICD10	of lip
Cancer	C00.9	ICD10	Malignant neoplasm of lip
Cancer	C01	ICD10	Malignant neoplasm of base of tongue
			Malignant neoplasm of other and
Cancer	C02	ICD10	unspecified parts of tongue
			Malignant neoplasm of dorsal surface of
Cancer	C02.0	ICD10	tongue
Cancer	C02.1	ICD10	Malignant neoplasm of border of tongue
			Malignant neoplasm of ventral surface of
Cancer	C02.2	ICD10	tongue

			Malignant neoplasm of anterior two-
Cancer	C02.3	ICD10	thirds of tongue
Cancer			Malignant neoplasm of lingual tonsil
			Malignant neoplasm of overlapping sites
Cancer	C02.8	ICD10	of tongue
Cancer			Malignant neoplasm of tongue
Cancer	C03	ICD10	Malignant neoplasm of gum
Cancer	C03.0	ICD10	Malignant neoplasm of upper gum
Cancer	C03.1	ICD10	Malignant neoplasm of lower gum
Cancer	C03.9	ICD10	Malignant neoplasm of gum
Cancer	C04	ICD10	Malignant neoplasm of floor of mouth
			Malignant neoplasm of anterior floor of
Cancer	C04.0	ICD10	mouth
			Malignant neoplasm of lateral floor of
Cancer	C04.1	ICD10	mouth
			Malignant neoplasm of overlapping sites
Cancer	C04.8	ICD10	of floor of mouth
Cancer	C04.9	ICD10	Malignant neoplasm of floor of mouth
Cancer	C05	ICD10	Malignant neoplasm of palate
Cancer	C05.0	ICD10	Malignant neoplasm of hard palate
Cancer	C05.1	ICD10	Malignant neoplasm of soft palate
Cancer	C05.2	ICD10	Malignant neoplasm of uvula
			Malignant neoplasm of overlapping sites
Cancer	C05.8	ICD10	of palate
Cancer	C05.9	ICD10	Malignant neoplasm of palate
			Malignant neoplasm of other and
Cancer	C06	ICD10	unspecified parts of mouth
Cancer	C06.0	ICD10	Malignant neoplasm of cheek mucosa
			Malignant neoplasm of vestibule of
Cancer	C06.1	ICD10	mouth
Cancer	C06.2	ICD10	Malignant neoplasm of retromolar area
			Malignant neoplasm of overlapping sites
Cancer	C06.8	ICD10	of other and unspecified parts of mouth
			Malignant neoplasm of overlapping sites
Cancer	C06.80	ICD10	of unspecified parts of mouth
			Malignant neoplasm of overlapping sites
Cancer	C06.89	ICD10	of other parts of mouth
Cancer	C06.9	ICD10	Malignant neoplasm of mouth
Cancer	C07	ICD10	Malignant neoplasm of parotid gland

			Nalisanant nagalagas of athon and
Cancor	COS	ICD10	Malignant neoplasm of other and
Cancer	CUo	ICDIO	unspecified major salivary glands
Cancar	C08 0	ICD10	Malignant neoplasm of submandibular
Cancer		ICD10	
Cancer	C08.1	ICDIO	Malignant neoplasm of sublingual gland
	600.0	10040	Malignant neoplasm of major salivary
Cancer		ICD10	
Cancer			Malignant neoplasm of tonsil
Cancer	C09.0	ICD10	Malignant neoplasm of tonsillar fossa
			Malignant neoplasm of tonsillar pillar
Cancer	C09.1	ICD10	(anterior) (posterior)
			Malignant neoplasm of overlapping sites
Cancer	C09.8	ICD10	of tonsil
Cancer	C09.9	ICD10	Malignant neoplasm of tonsil
Cancer	C10	ICD10	Malignant neoplasm of oropharynx
Cancer	C10.0	ICD10	Malignant neoplasm of vallecula
			Malignant neoplasm of anterior surface of
Cancer	C10.1	ICD10	epiglottis
			Malignant neoplasm of lateral wall of
Cancer	C10.2	ICD10	oropharynx
			Malignant neoplasm of posterior wall of
Cancer	C10.3	ICD10	oropharynx
Cancer			Malignant neoplasm of branchial cleft
			Malignant neoplasm of overlapping sites
Cancer	C10.8	ICD10	of oropharynx
Cancer			Malignant neoplasm of oropharynx
Cancer			Malignant neoplasm of nasopharynx
			Malignant neoplasm of superior wall of
Cancer	C11.0	ICD10	nasopharynx
			Malignant neoplasm of posterior wall of
Cancer	C11.1	ICD10	nasopharynx
	011.1	.0310	Malignant neoplasm of lateral wall of
Cancer	C11 2	ICD10	nasopharynx
Caricer	C11.2	10010	Malignant neoplasm of anterior wall of
Cancer	C11 2	ICD10	nasopharynx
Caricei	C11.3	10010	· · ·
Cancor	C11 0	ICD10	Malignant neoplasm of overlapping sites
Cancer			of nasopharynx
Cancer			Malignant neoplasm of nasopharynx
Cancer			Malignant neoplasm of pyriform sinus
Cancer	C13	ICD10	Malignant neoplasm of hypopharynx

Cancor	C12.0	ICD10	Malignant neoplasm of postcricoid region
Cancer Cancer			
Cancer	C15.1	ICDIO	Malignant neoplasm of aryepiglottic fold
Conner	C12.2	ICD10	Malignant neoplasm of posterior wall of
Cancer	C13.2	ICDIO	hypopharynx
	642.0	16546	Malignant neoplasm of overlapping sites
Cancer	1		of hypopharynx
Cancer	C13.9	ICD10	Malignant neoplasm of hypopharynx
	A		Malignant neoplasm of other and ill-
Cancer			defined sites in the lip
Cancer			Malignant neoplasm of pharynx
Cancer	C14.2	ICD10	Malignant neoplasm of Waldeyer's ring
			Malignant neoplasm of overlapping sites
Cancer		ICD10	
Cancer	C15	ICD10	Malignant neoplasm of esophagus
			Malignant neoplasm of upper third of
Cancer	C15.3	ICD10	esophagus
			Malignant neoplasm of middle third of
Cancer	C15.4	ICD10	esophagus
			Malignant neoplasm of lower third of
Cancer	C15.5	ICD10	esophagus
			Malignant neoplasm of overlapping sites
Cancer	C15.8	ICD10	of esophagus
Cancer	C15.9	ICD10	Malignant neoplasm of esophagus
Cancer	C16	ICD10	Malignant neoplasm of stomach
Cancer	C16.0	ICD10	Malignant neoplasm of cardia
Cancer	C16.1	ICD10	Malignant neoplasm of fundus of stomach
Cancer			Malignant neoplasm of body of stomach
Cancer	C16.3	ICD10	Malignant neoplasm of pyloric antrum
Cancer	C16.4	ICD10	Malignant neoplasm of pylorus
			Malignant neoplasm of lesser curvature of
Cancer	C16.5	ICD10	stomach
			Malignant neoplasm of greater curvature
Cancer	C16.6	ICD10	of stomach
			Malignant neoplasm of overlapping sites
Cancer	C16.8	ICD10	of stomach
Cancer			Malignant neoplasm of stomach
Cancer			Malignant neoplasm of colon
Cancer			Malignant neoplasm of cecum
	020.0		

Cancer	C18.1	ICD10	Malignant neoplasm of appendix
Cancer			Malignant neoplasm of ascending colon
Cancer			Malignant neoplasm of hepatic flexure
Cancer			Malignant neoplasm of transverse colon
Cancer			Malignant neoplasm of splenic flexure
Cancer			Malignant neoplasm of descending colon
Cancer	C18.7	ICDIO	Malignant neoplasm of sigmoid colon
Canaca	C10.0	ICD10	Malignant neoplasm of overlapping sites
Cancer			of colon
Cancer			Malignant neoplasm of colon
Cancer	C21.2	ICD10	Malignant neoplasm of cloacogenic zone
			Malignant neoplasm of overlapping sites
Cancer	C21.8	ICD10	of rectum
			Malignant neoplasm of liver and
Cancer			intrahepatic bile ducts
Cancer			Intrahepatic bile duct carcinoma
Cancer			Malignant neoplasm of liver
Cancer	C25	ICD10	Malignant neoplasm of pancreas
Cancer	C25.0	ICD10	Malignant neoplasm of head of pancreas
Cancer	C25.1	ICD10	Malignant neoplasm of body of pancreas
Cancer	C25.2	ICD10	Malignant neoplasm of tail of pancreas
Cancer	C25.3	ICD10	Malignant neoplasm of pancreatic duct
			Malignant neoplasm of endocrine
Cancer	C25.4	ICD10	pancreas
			Malignant neoplasm of other parts of
Cancer	C25.7	ICD10	pancreas
			Malignant neoplasm of overlapping sites
Cancer	C25.8	ICD10	of pancreas
Cancer			Malignant neoplasm of pancreas
Cancer			Malignant neoplasm of intestinal tract
Cancer			Malignant neoplasm of nasal cavity
Cancer			Malignant neoplasm of middle ear
	555.1	.02.20	
Cancer	C31	ICD10	Malignant neoplasm of accessory sinuses
Cancer			Malignant neoplasm of maxillary sinus
Cancer			Malignant neoplasm of ethmoidal sinus
Cancer			Malignant neoplasm of frontal sinus
Cancer			Malignant neoplasm of sphenoid sinus
Caricei	C31.3	ICDIO	
Cancor	C24 0	ICD10	Malignant neoplasm of overlapping sites
Cancer	C31.8	ICDIO	of accessory sinuses

Cancer	C34.9	ICD10	of bronchus or lung
			Malignant neoplasm of unspecified part
Cancer	C34.82	ICD10	of left bronchus and lung
Carloci	C54.01	10010	Malignant neoplasm of overlapping sites
Cancer	C34 81	ICD10	of right bronchus and lung
Caricei	C34.6U	ICDIO	Malignant neoplasm of overlapping sites
Cancer	C3/1 8U	ICD10	Malignant neoplasm of overlapping sites of unspecified bronchus and lung
Cancer	C34.8	ICDIO	of bronchus and lung
Cancor	C24.9	ICD10	Malignant neoplasm of overlapping sites
Cancer	C34.32	ICD10	Malignant neoplasm of lower lobe
Cancer			Malignant neoplasm of lower lobe
Cancer			Malignant neoplasm of lower lobe
Cancer			Malignant neoplasm of lower lobe
Cancer			Malignant neoplasm of middle lobe
Cancer			Malignant neoplasm of upper lobe
Cancer			Malignant neoplasm of upper lobe
Cancer			Malignant neoplasm of upper lobe
Cancer			Malignant neoplasm of upper lobe
Cancer			bronchus  Malignant populare of upper labor
Cancar	C24 C2	ICD10	Malignant neoplasm of left main
Cancer	C34.01	ICD10	
Cancar	C24 C4	ICD10	Malignant neoplasm of right main bronchus
Cancer	C34.00	ICD10	bronchus
Canaan	624.00	ICD40	Malignant neoplasm of unspecified main
Cancer	C34.0	ICD10	Malignant neoplasm of main bronchus
Cancer			Malignant neoplasm of bronchus and lung
<b>C</b>		10040	National contract to
Cancer	C33	ICD10	Malignant neoplasm of trachea
Cancer			Malignant neoplasm of larynx
Cancer			of larynx
			Malignant neoplasm of overlapping sites
Cancer	C32.3	ICD10	Malignant neoplasm of laryngeal cartilage
Cancer	C32.2	ICD10	Malignant neoplasm of subglottis
Cancer	C32.1	ICD10	Malignant neoplasm of supraglottis
Cancer	C32.0	ICD10	Malignant neoplasm of glottis
Cancer	C32	ICD10	Malignant neoplasm of larynx
			Malignant neoplasm of accessory sinus

			Malignant popularm of consequitied gard
Cancer	(3/I DU	ICD10	Malignant neoplasm of unspecified part of unspecified bronchus or lung
Cancer	C34.90	ICDIO	Malignant neoplasm of unspecified part
Cancer	C34 91	ICD10	of right bronchus or lung
Caricer	C54.51	ICDIO	Malignant neoplasm of unspecified part
Cancer	C34 92	ICD10	of left bronchus or lung
Cancer			Malignant neoplasm of thymus
Cancer			Malignant neoplasm of heart
Carreer	000.0	10220	Malignant neoplasm of anterior
Cancer	C38.1	ICD10	mediastinum
Carreer	000.12	10010	Malignant neoplasm of posterior
Cancer	C38.2	ICD10	mediastinum
Cancer			Malignant neoplasm of mediastinum
Cancer			Malignant neoplasm of pleura
			Malignant neoplasm of overlapping sites
Cancer	C38.8	ICD10	of heart
			Malignant neoplasm of other and ill-
			defined sites in the respiratory system
Cancer	C39	ICD10	and intrathoracic organs
			Malignant neoplasm of upper respiratory
Cancer	C39.0	ICD10	tract
			Malignant neoplasm of lower respiratory
Cancer	C39.9	ICD10	tract
			Malignant neoplasm of bone and articular
Cancer	C40	ICD10	cartilage of limbs
			Malignant neoplasm of scapula and long
Cancer	C40.0	ICD10	bones of upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.00	ICD10	bones of unspecified upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.01	ICD10	bones of right upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.02	ICD10	bones of left upper limb
			Malignant neoplasm of short bones of
Cancer	C40.1	ICD10	upper limb
			Malignant neoplasm of short bones of
Cancer	C40.10	ICD10	unspecified upper limb
			Malignant neoplasm of short bones of
Cancer	C40.11	ICD10	right upper limb

			Malignant neoplasm of short bones of left
Cancer	C40.12	ICD10	upper limb
			Malignant neoplasm of long bones of
Cancer	C40.2	ICD10	lower limb
			Malignant neoplasm of long bones of
Cancer	C40.20	ICD10	unspecified lower limb
			Malignant neoplasm of long bones of
Cancer	C40.21	ICD10	right lower limb
			Malignant neoplasm of long bones of left
Cancer	C40.22	ICD10	lower limb
			Malignant neoplasm of short bones of
Cancer	C40.3	ICD10	lower limb
	0.10.00	10040	Malignant neoplasm of short bones of
Cancer	C40.30	ICD10	unspecified lower limb
Carrage	640.24	10040	Malignant neoplasm of short bones of
Cancer	C40.31	ICD10	right lower limb
Canaar	C40 22	ICD10	Malignant neoplasm of short bones of left
Cancer	C40.32	ICDIO	lower limb
Cancer	C40.8	ICD10	Malignant neoplasm of overlapping sites of bone and articular cartilage of limb
- Cambo	0.0.0	.02.20	Malignant neoplasm of overlapping sites
			of bone and articular cartilage of
Cancer	C40.80	ICD10	unspecified limb
			Malignant neoplasm of overlapping sites
			of bone and articular cartilage of right
Cancer	C40.81	ICD10	limb
			Malignant neoplasm of overlapping sites
Cancer	C40.82	ICD10	of bone and articular cartilage of left limb
			Malignant neoplasm of unspecified bones
Cancer	C40.9	ICD10	and articular cartilage of limb
Canaar	C40.00	ICD40	Malignant neoplasm of unspecified bones
Cancer	C40.90	ICDIO	and articular cartilage of unspecified limb
			Malignant neoplasm of unspecified bones
Cancer	<i>C4</i> 0 91	ICD10	and articular cartilage of right limb
Curicci	C <del>7</del> 0.51	10010	Malignant neoplasm of unspecified bones
Cancer	C40 92	ICD10	and articular cartilage of left limb
Caricci	C-10.52	ICDIO	and articular cartilage of left lifts

			1
Cancer	C41	ICD10	Malignant neoplasm of bone and articular cartilage of other and unspecified sites
			Malignant neoplasm of bones of skull and
Cancer	C41.0	ICD10	face
Cancer	C41.1	ICD10	Malignant neoplasm of mandible
Cancer	C41.2	ICD10	Malignant neoplasm of vertebral column
Cancer	C41.3	ICD10	Malignant neoplasm of ribs
Cancer	C41.4	ICD10	Malignant neoplasm of pelvic bones
Cancer	C41.9	ICD10	Malignant neoplasm of bone and articular cartilage
Cancer	C44.0	ICD10	Other and unspecified malignant neoplasm of skin of lip
Cancer	C44.00	ICD10	Unspecified malignant neoplasm of skin of lip
Cancer	C44.09	ICD10	Other specified malignant neoplasm of skin of lip
Cancer			Other and unspecified malignant neoplasm of skin of eyelid
Cancer	C44.10	ICD10	Unspecified malignant neoplasm of skin of eyelid
Cancer	C44.101	ICD10	Unspecified malignant neoplasm of skin of unspecified eyelid
Cancer	C44.102	ICD10	Unspecified malignant neoplasm of skin of right eyelid
Cancer	C44.109	ICD10	Unspecified malignant neoplasm of skin of left eyelid
Cancer	C44.11	ICD10	Basal cell carcinoma of skin of eyelid
Cancer	C44.12	ICD10	Squamous cell carcinoma of skin of eyelid
Cancer	C44.19	ICD10	Other specified malignant neoplasm of skin of eyelid
Cancer	C44.191	ICD10	Other specified malignant neoplasm of skin of unspecified eyelid
Cancer	C44.192	ICD10	Other specified malignant neoplasm of skin of right eyelid
Cancer	C44.199	ICD10	Other specified malignant neoplasm of skin of left eyelid

Cancer	C44.39	ICD10	skin of other and unspecified parts of face
			Other specified malignant neoplasm of
Cancer	C44.31	ICD10	Basal cell carcinoma of skin of other and unspecified parts of face
Cancer	C44.309	ICD10	Unspecified malignant neoplasm of skin of other parts of face
Cancer	C44.301	ICD10	of nose
Cancer	C44.300	ICD10	of unspecified part of face Unspecified malignant neoplasm of skin
Cancer	C44.30	ICD10	Unspecified malignant neoplasm of skin of other and unspecified parts of face Unspecified malignant neoplasm of skin
Cancer	C44.299	ICD10	
	111111111111111111111111111111111111111		Other specified malignant neoplasm of skin of left ear and external auricular
Cancer	C44.292	ICD10	skin of right ear and external auricular canal
	3231		Other specified malignant neoplasm of
Cancer	C44.291	ICD10	Other specified malignant neoplasm of skin of unspecified ear and external auricular canal
Cancer	C44.29	ICD10	Other specified malignant neoplasm of skin of ear and external auricular canal
Cancer	C44.22	ICD10	and external auricular canal
			Squamous cell carcinoma of skin of ear
Cancer	C44.21	ICD10	Basal cell carcinoma of skin of ear and external auricular canal
Cancer	C44.209	ICD10	Unspecified malignant neoplasm of skin of left ear and external auricular canal
Cancer	C44.202	ICD10	Unspecified malignant neoplasm of skin of right ear and external auricular canal
Cancer	C44.201	ICD10	
Cancer	C44.20	ICD10	Unspecified malignant neoplasm of skin of ear and external auricular canal
Cancer	C44.2	ICD10	Other and unspecified malignant neoplasm of skin of ear and external auricular canal

			Other specified malignant neoplasm of
Cancer	C44.390	ICD10	skin of unspecified parts of face
			Other specified malignant neoplasm of
Cancer	C44.391	ICD10	skin of nose
			Other specified malignant neoplasm of
Cancer	C44.399	ICD10	skin of other parts of face
			Other and unspecified malignant
Cancer	C44.4	ICD10	neoplasm of skin of scalp and neck
			Unspecified malignant neoplasm of skin
Cancer	C44.40	ICD10	of scalp and neck
_			Other specified malignant neoplasm of
Cancer	C44.49	ICD10	skin of scalp and neck
C	C44 F00	10010	Unspecified malignant neoplasm of anal
Cancer	C44.500	ICDIO	
Cancor	C44 F01	ICD10	Unspecified malignant neoplasm of skin of breast
Cancer	C44.501	ICDIO	
Cancer	C44 509	ICD10	Unspecified malignant neoplasm of skin of other part of trunk
Cancer			Basal cell carcinoma of skin of trunk
Cancer			Squamous cell carcinoma of skin of trunk
	011132	10010	Other specified malignant neoplasm of
Cancer	C44.59	ICD10	skin of trunk
			Other specified malignant neoplasm of
Cancer	C44.590	ICD10	anal skin
			Other specified malignant neoplasm of
Cancer	C44.591	ICD10	skin of breast
			Other specified malignant neoplasm of
Cancer	C44.599	ICD10	skin of other part of trunk
			Other and unspecified malignant
Cancer	C44.6	ICD10	neoplasm of skin of upper limb
_			Unspecified malignant neoplasm of skin
Cancer	C44.60	ICD10	of upper limb
		105.10	Unspecified malignant neoplasm of skin
Cancer	C44.601	ICD10	of unspecified upper limb
Cancor	C44 603	ICD10	Unspecified malignant neoplasm of skin
Cancer	C44.602	ICDIO	of right upper limb
Cancer	C44 600	ICD10	Unspecified malignant neoplasm of skin of left upper limb
Caricei	C44.003	ICDIO	or left apper mino
Cancer	C44 61	ICD10	Basal cell carcinoma of skin of upper limb
	C77.01	.0210	24347 Cen caremonia of skill of apper lillio

			Carramana and carrier area of chira of manage
Cancer	C44.62	ICD10	Squamous cell carcinoma of skin of upper limb
			Other specified malignant neoplasm of
Cancer	C44.69	ICD10	skin of upper limb
			Other specified malignant neoplasm of
Cancer	C44.691	ICD10	skin of unspecified upper limb
			Other specified malignant neoplasm of
Cancer	C44.692	ICD10	skin of right upper limb
			Other specified malignant neoplasm of
Cancer	C44.699	ICD10	skin of left upper limb
•			Other and unspecified malignant
Cancer	C44.7	ICD10	neoplasm of skin of lower limb
			Unspecified malignant neoplasm of skin
Cancer	C44.70	ICD10	of lower limb
			Unspecified malignant neoplasm of skin
Cancer	C44.701	ICD10	of unspecified lower limb
			Unspecified malignant neoplasm of skin
Cancer	C44.702	ICD10	of right lower limb
			Unspecified malignant neoplasm of skin
Cancer	C44.709	ICD10	of left lower limb
Cancer	C44.71	ICD10	Basal cell carcinoma of skin of lower limb
			Squamous cell carcinoma of skin of lower
Cancer	C44.72	ICD10	
			Other specified malignant neoplasm of
Cancer	C44.79	ICD10	skin of lower limb
			Other specified malignant neoplasm of
Cancer	C44.791	ICD10	skin of unspecified lower limb
			Other specified malignant neoplasm of
Cancer	C44.792	ICD10	skin of right lower limb
			Other specified malignant neoplasm of
Cancer	C44.799	ICD10	skin of left lower limb
			Other and unspecified malignant
Cancer	C44.8	ICD10	neoplasm of overlapping sites of skin
			Unspecified malignant neoplasm of
Cancer	C44.80	ICD10	overlapping sites of skin
			Other specified malignant neoplasm of
Cancer	C44.89	ICD10	overlapping sites of skin
			Other and unspecified malignant
Cancer	C44.9	ICD10	neoplasm of skin
	33		

Cancer	C44.90	ICD10	Unspecified malignant neoplasm of skin
			Other specified malignant neoplasm of
Cancer	C44.99	ICD10	skin
Cancer	C45.0	ICD10	Mesothelioma of pleura
Cancer	C45.2	ICD10	Mesothelioma of pericardium
			Malignant neoplasm of peripheral nerves
Cancer	C47	ICD10	and autonomic nervous system
			Malignant neoplasm of peripheral nerves
Cancer	C47.0	ICD10	of head
			Malignant neoplasm of peripheral nerves
Cancer	C47.1	ICD10	of upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.10	ICD10	of unspecified upper limb
		<b>6</b>	Malignant neoplasm of peripheral nerves
Cancer	C47.11	ICD10	of right upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.12	ICD10	of left upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.2	ICD10	of lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.20	ICD10	of unspecified lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.21	ICD10	of right lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.22	ICD10	of left lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.3	ICD10	of thorax
			Malignant neoplasm of peripheral nerves
Cancer	C47.4	ICD10	of abdomen
	6.5	105.46	Malignant neoplasm of peripheral nerves
Cancer	C47.5	ICD10	of pelvis
Canada	647.6	10040	Malignant neoplasm of peripheral nerves
Cancer	C47.6	ICD10	of trunk
			Malignant neoplasm of overlapping sites
Cancor	C17 0	ICD10	of peripheral nerves and autonomic
Cancer	C47.8	ICDIO	nervous system  Malignant popularm of poripheral popular
Cancer	C47.0	ICD10	Malignant neoplasm of peripheral nerves and autonomic nervous system
Cancer	C47.9	ICDIO	-
Cancer	C40 0	ICD10	Malignant neoplasm of other connective and soft tissue
Caricei	C43.U	ICDIO	מווע שווג נוששע

Cancer	C/19 O	ICD10	Malignant neoplasm of connective and soft tissue of head
Caricei	C+3.0	ICDIO	
Canacan	C40 1	ICD10	Malignant neoplasm of connective and
Cancer	C49.1	ICDIO	soft tissue of upper limb
	040.40		Malignant neoplasm of connective and
Cancer	C49.10	ICD10	soft tissue of unspecified upper limb
			Malignant neoplasm of connective and
Cancer	C49.11	ICD10	soft tissue of right upper limb
			Malignant neoplasm of connective and
Cancer	C49.12	ICD10	soft tissue of left upper limb
•			Malignant neoplasm of connective and
Cancer	C49.2	ICD10	soft tissue of lower limb
			Malignant neoplasm of connective and
Cancer	C49.20	ICD10	soft tissue of unspecified lower limb
			Malignant neoplasm of connective and
Cancer	C49.21	ICD10	soft tissue of right lower limb
			Malignant neoplasm of connective and
Cancer	C49.22	ICD10	soft tissue of left lower limb
			Malignant neoplasm of connective and
Cancer	C49.3	ICD10	soft tissue of thorax
			Malignant neoplasm of connective and
Cancer	C49.4	ICD10	soft tissue of abdomen
			Malignant neoplasm of connective and
Cancer	C49.5	ICD10	soft tissue of pelvis
			Malignant neoplasm of connective and
Cancer	C49.6	ICD10	soft tissue of trunk
Carroci	0.5.0	10210	Malignant neoplasm of overlapping sites
Cancer	C/10 8	ICD10	of connective and soft tissue
Caricei	C+3.6	ICDIO	
Cancer	C40 0	ICD10	Malignant neoplasm of connective and soft tissue
Cancer			Gastrointestinal stromal tumor
Cancer	C49.AU	ICDIO	Gastrointestinal stromal tumor
Canaar	C40 44	10040	Gastrointestinal stromal tumor of
Cancer	C49.A1	ICD10	esophagus
	0.40.40	105.46	Gastrointestinal stromal tumor of
Cancer	C49.A2	ICD10	stomach
			Gastrointestinal stromal tumor of small
Cancer	C49.A3	ICD10	intestine
			Gastrointestinal stromal tumor of large
Cancer	C49.A4	ICD10	intestine

Cancer	C49.A5	ICD10	Gastrointestinal stromal tumor of rectum
		102.20	Gastrointestinal stromal tumor of other
Cancer	C49.A9	ICD10	
Cancer			Merkel cell carcinoma
Cancer			Merkel cell carcinoma of lip
Cancer			Merkel cell carcinoma of eyelid
Carreer	017112	10010	Merkel cell carcinoma of unspecified
Cancer	C4A.10	ICD10	•
Cancer			Merkel cell carcinoma of right eyelid
Cancer			Merkel cell carcinoma of left eyelid
- Carreer		.0220	Merkel cell carcinoma of ear and external
Cancer	C4A.2	ICD10	auricular canal
Carreer	011.112	10010	Merkel cell carcinoma of unspecified ear
Cancer	C4A.20	ICD10	and external auricular canal
			Merkel cell carcinoma of right ear and
Cancer	C4A.21	ICD10	external auricular canal
			Merkel cell carcinoma of left ear and
Cancer	C4A.22	ICD10	external auricular canal
			Merkel cell carcinoma of other and
Cancer	C4A.3	ICD10	unspecified parts of face
			Merkel cell carcinoma of unspecified part
Cancer	C4A.30	ICD10	
Cancer	C4A.31	ICD10	Merkel cell carcinoma of nose
			Merkel cell carcinoma of other parts of
Cancer	C4A.39	ICD10	-
Cancer	C4A.4	ICD10	Merkel cell carcinoma of scalp and neck
Cancer	C4A.5	ICD10	Merkel cell carcinoma of trunk
Cancer	C4A.51	ICD10	Merkel cell carcinoma of anal skin
Cancer	C4A.52	ICD10	Merkel cell carcinoma of skin of breast
			Merkel cell carcinoma of other part of
Cancer	C4A.59	ICD10	trunk
Cancer	C4A.6	ICD10	Merkel cell carcinoma of upper limb
			Merkel cell carcinoma of unspecified
Cancer	C4A.60	ICD10	upper limb
Cancer	C4A.61	ICD10	Merkel cell carcinoma of right upper limb
Cancer	C4A.62	ICD10	Merkel cell carcinoma of left upper limb
Cancer	C4A.7	ICD10	Merkel cell carcinoma of lower limb

			Merkel cell carcinoma of unspecified
Cancer	C4A 70	ICD10	lower limb
Carreer	0 17 1.7 0	10010	lower mins
Cancer	C4A.71	ICD10	Merkel cell carcinoma of right lower limb
Cancer			Merkel cell carcinoma of left lower limb
Cancer	C4A.8	ICD10	Merkel cell carcinoma of overlapping sites
Cancer			Merkel cell carcinoma
Cancer	C50.02	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.021	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.022	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.029	ICD10	Malignant neoplasm of nipple and areola
			Malignant neoplasm of central portion of
Cancer	C50.12	ICD10	breast
			Malignant neoplasm of central portion of
Cancer	C50.121	ICD10	right male breast
			Malignant neoplasm of central portion of
Cancer	C50.122	ICD10	left male breast
			Malignant neoplasm of central portion of
Cancer	C50.129	ICD10	unspecified male breast
			Malignant neoplasm of upper-inner
Cancer	C50.22	ICD10	quadrant of breast
			Malignant neoplasm of upper-inner
Cancer	C50.221	ICD10	quadrant of right male breast
			Malignant neoplasm of upper-inner
Cancer	C50.222	ICD10	quadrant of left male breast
			Malignant neoplasm of upper-inner
Cancer	C50.229	ICD10	quadrant of unspecified male breast
_			Malignant neoplasm of lower-inner
Cancer	C50.32	ICD10	quadrant of breast
			Malignant neoplasm of lower-inner
Cancer	C50.321	ICD10	quadrant of right male breast
			Malignant neoplasm of lower-inner
Cancer	C50.322	ICD10	quadrant of left male breast
	050 000	10546	Malignant neoplasm of lower-inner
Cancer	C50.329	ICD10	quadrant of unspecified male breast
	050.40	10040	Malignant neoplasm of upper-outer
Cancer	C50.42	ICD10	quadrant of breast
Compar	CEO 424	10040	Malignant neoplasm of upper-outer
Cancer	C50.421	ICD10	quadrant of right male breast

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Cancor	CEO 422	ICD10	Malignant neoplasm of upper-outer quadrant of left male breast
Cancer	C50.422	ICDIO	<u> </u>
Cancor	CEO 420	ICD10	Malignant neoplasm of upper-outer quadrant of unspecified male breast
Cancer	C50.429	ICDIO	· · · · · · · · · · · · · · · · · · ·
Canaar	CEO E 2	ICD10	Malignant neoplasm of lower-outer
Cancer	C50.52	ICDIO	quadrant of breast
Canaca	CEO E31	ICD10	Malignant neoplasm of lower-outer
Cancer	C50.521	ICDIO	quadrant of right male breast
C	CEO E22	10040	Malignant neoplasm of lower-outer
Cancer	C50.522	ICD10	quadrant of left male breast
	050.500	10540	Malignant neoplasm of lower-outer
Cancer	C50.529	ICD10	quadrant of unspecified male breast
			Malignant neoplasm of axillary tail of
Cancer	C50.62	ICD10	
			Malignant neoplasm of axillary tail of
Cancer	C50.621	ICD10	right male breast
			Malignant neoplasm of axillary tail of left
Cancer	C50.622	ICD10	male breast
			Malignant neoplasm of axillary tail of
Cancer	C50.629	ICD10	unspecified male breast
			Malignant neoplasm of overlapping sites
Cancer	C50.82	ICD10	of breast
			Malignant neoplasm of overlapping sites
Cancer	C50.821	ICD10	of right male breast
			Malignant neoplasm of overlapping sites
Cancer	C50.822	ICD10	of left male breast
			Malignant neoplasm of overlapping sites
Cancer	C50.829	ICD10	of unspecified male breast
			Malignant neoplasm of breast of
Cancer	C50.92	ICD10	unspecified site
			Malignant neoplasm of unspecified site of
Cancer	C50.921	ICD10	right male breast
			Malignant neoplasm of unspecified site of
Cancer	C50.922	ICD10	left male breast
			Malignant neoplasm of unspecified site of
Cancer	C50.929	ICD10	unspecified male breast
Cancer			Malignant neoplasm of vulva
Cancer	1		Malignant neoplasm of labium majus
Cancer	i e		Malignant neoplasm of labium minus
Cancer			Malignant neoplasm of clitoris

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Cancer	C51.9	ICD10	Malignant neoplasm of vulva
Cancer	C52	ICD10	Malignant neoplasm of vagina
Cancer	C53	ICD10	Malignant neoplasm of cervix uteri
Cancer	C53.0	ICD10	Malignant neoplasm of endocervix
Cancer	C53.1	ICD10	Malignant neoplasm of exocervix
			Malignant neoplasm of overlapping sites
Cancer	C53.8	ICD10	of cervix uteri
Cancer	C53.9	ICD10	Malignant neoplasm of cervix uteri
Cancer	C61	ICD10	Malignant neoplasm of prostate
Cancer	C69	ICD10	Malignant neoplasm of eye and adnexa
Cancer	C69.0	ICD10	Malignant neoplasm of conjunctiva
			Malignant neoplasm of unspecified
Cancer	C69.00	ICD10	conjunctiva
Cancer	C69.01	ICD10	Malignant neoplasm of right conjunctiva
Cancer	C69.02	ICD10	Malignant neoplasm of left conjunctiva
Cancer	C69.1	ICD10	Malignant neoplasm of cornea
			Malignant neoplasm of unspecified
Cancer	C69.10	ICD10	cornea
Cancer	C69.11	ICD10	Malignant neoplasm of right cornea
Cancer	C69.12	ICD10	Malignant neoplasm of left cornea
Cancer	C69.2	ICD10	Malignant neoplasm of retina
Cancer	C69.20	ICD10	Malignant neoplasm of unspecified retina
Cancer	C69.21	ICD10	Malignant neoplasm of right retina
Cancer	C69.22	ICD10	Malignant neoplasm of left retina
Cancer	C69.3	ICD10	Malignant neoplasm of choroid
			Malignant neoplasm of unspecified
Cancer	C69.30	ICD10	choroid
Cancer	C69.31	ICD10	Malignant neoplasm of right choroid
Cancer	C69.32	ICD10	Malignant neoplasm of left choroid
Cancer	C69.4	ICD10	Malignant neoplasm of ciliary body
			Malignant neoplasm of unspecified ciliary
Cancer	C69.40	ICD10	
Cancer	C69.41	ICD10	Malignant neoplasm of right ciliary body
Cancer	C69.42	ICD10	Malignant neoplasm of left ciliary body
			Malignant neoplasm of lacrimal gland and
Cancer	C69.5	ICD10	
			Malignant neoplasm of unspecified
Cancer	C69.50	ICD10	lacrimal gland and duct
•	_		-

		Malignant neoplasm of right lacrimal
C69.51	ICD10	gland and duct
		Malignant neoplasm of left lacrimal gland
C69.52	ICD10	
C69.6	ICD10	Malignant neoplasm of orbit
		Malignant neoplasm of unspecified orbit
C69.61	ICD10	Malignant neoplasm of right orbit
		Malignant neoplasm of left orbit
		Malignant neoplasm of overlapping sites
C69.8	ICD10	of eye and adnexa
		Malignant neoplasm of overlapping sites
C69.80	ICD10	of unspecified eye and adnexa
		Malignant neoplasm of overlapping sites
C69.81	ICD10	of right eye and adnexa
		Malignant neoplasm of overlapping sites
C69.82	ICD10	of left eye and adnexa
		Malignant neoplasm of unspecified site of
C69.9	ICD10	eye
		Malignant neoplasm of unspecified site of
C69.90	ICD10	unspecified eye
		Malignant neoplasm of unspecified site of
C69.91	ICD10	right eye
		Malignant neoplasm of unspecified site of
C69.92	ICD10	left eye
C70	ICD10	Malignant neoplasm of meninges
		Malignant neoplasm of cerebral meninges
C70.1	ICD10	Malignant neoplasm of spinal meninges
C70.9	ICD10	Malignant neoplasm of meninges
C71	ICD10	Malignant neoplasm of brain
C71.0	ICD10	Malignant neoplasm of cerebrum
C71.1	ICD10	Malignant neoplasm of frontal lobe
C71.2	ICD10	Malignant neoplasm of temporal lobe
C71.3	ICD10	Malignant neoplasm of parietal lobe
C71.4	ICD10	Malignant neoplasm of occipital lobe
C71.5	ICD10	Malignant neoplasm of cerebral ventricle
C71.6	ICD10	Malignant neoplasm of cerebellum
C71.7	ICD10	Malignant neoplasm of brain stem
		Malignant neoplasm of overlapping sites
C71.8	ICD10	of brain
	C69.52 C69.6 C69.60 C69.61 C69.62 C69.80 C69.81 C69.82 C69.90 C69.91 C69.92 C70 C70.0 C70.1 C70.9 C71.1 C71.2 C71.3 C71.4 C71.5 C71.6 C71.7	C69.52 ICD10 C69.60 ICD10 C69.61 ICD10 C69.62 ICD10 C69.81 ICD10 C69.81 ICD10 C69.82 ICD10 C69.91 ICD10 C69.91 ICD10 C69.91 ICD10 C69.92 ICD10 C70.1 ICD10 C70.1 ICD10 C70.9 ICD10 C70.9 ICD10 C71.1 ICD10 C71.1 ICD10 C71.2 ICD10 C71.3 ICD10 C71.4 ICD10 C71.5 ICD10 C71.6 ICD10

Cancer	C74.01	ICD10	adrenal gland
	2730		Malignant neoplasm of cortex of right
Cancer	C74.00	ICD10	Malignant neoplasm of cortex of unspecified adrenal gland
Cancer	C74.0	ICD10	
			Malignant neoplasm of cortex of adrenal
Cancer	C74	ICD10	Malignant neoplasm of adrenal gland
Cancer			Malignant neoplasm of thyroid gland
Cancer	C72.9	ICD10	system
Cancer	C72.59	ICD10	nerves  Malignant neoplasm of central nervous
	070	105.15	Malignant neoplasm of other cranial
Cancer	C72.50	ICD10	cranial nerve
Caricei	C/2.5	ICDIO	Malignant neoplasm of unspecified
Cancer	C72 E	ICD10	Malignant neoplasm of other and unspecified cranial nerves
Cancer	C72.42	ICD10	Malignant neoplasm of left acoustic nerve
	0-2 (2)	105.15	
Cancer	C72.41	ICD10	nerve
			Malignant neoplasm of right acoustic
Cancer	C72.40	ICD10	acoustic nerve
			Malignant neoplasm of unspecified
Cancer	T		Malignant neoplasm of acoustic nerve
Cancer			Malignant neoplasm of left optic nerve
Cancer	_		Malignant neoplasm of right optic nerve
Cancer	C72.30	JCD10	Malignant neoplasm of unspecified optic nerve
Cancer	C/2.3	ICDIO	Malignant neoplasm of optic nerve
Cancer	C72.22		
Canaar	672.22	ICD10	Malignant neoplasm of left olfactory
Cancer	C72.21	ICD10	
			Malignant neoplasm of right olfactory
Cancer	C72.20	ICD10	olfactory nerve
			Malignant neoplasm of unspecified
Cancer	C72.2	ICD10	Malignant neoplasm of olfactory nerve
Cancer	C72.1	ICD10	Malignant neoplasm of cauda equina
Cancer	C72.0	ICD10	Malignant neoplasm of spinal cord
Cancer	T		Malignant neoplasm of spinal cord
Cancer	C/1.9	ICDIO	Malignant neoplasm of brain

	I		Malignant manufacture of postery of laft
Cancer	C74 02	ICD10	Malignant neoplasm of cortex of left adrenal gland
Caricei	C/4.02	ICDIO	
Cancer	C7/L1	ICD10	Malignant neoplasm of medulla of adrenal gland
Cancer	C/4.1	ICDIO	_
Cancer	C74 10	ICD10	Malignant neoplasm of medulla of unspecified adrenal gland
Caricei	C/4.10	ICDIO	
Cancer	C7/1 11	ICD10	Malignant neoplasm of medulla of right adrenal gland
Caricei	C/4.11	ICDIO	
Cancer	C74 12	ICD10	Malignant neoplasm of medulla of left adrenal gland
Caricer	C/4.12	ICDIO	Malignant neoplasm of unspecified part
Cancer	C74 9	ICD10	of adrenal gland
Currect	C/4.5	ICDIO	Malignant neoplasm of unspecified part
Cancer	C74.90	ICD10	of unspecified adrenal gland
Carroci	07 1130	10220	Malignant neoplasm of unspecified part
Cancer	C74.91	ICD10	of right adrenal gland
	07 110 2		Malignant neoplasm of unspecified part
Cancer	C74.92	ICD10	of left adrenal gland
			Malignant neoplasm of other endocrine
Cancer	C75	ICD10	glands and related structures
Cancer	C75.0	ICD10	Malignant neoplasm of parathyroid gland
Cancer			Malignant neoplasm of pituitary gland
			Malignant neoplasm of craniopharyngeal
Cancer	C75.2	ICD10	
Cancer	C75.3	ICD10	Malignant neoplasm of pineal gland
Cancer	1		Malignant neoplasm of carotid body
			Malignant neoplasm of aortic body and
Cancer	C75.5	ICD10	other paraganglia
			Malignant neoplasm with pluriglandular
Cancer	C75.8	ICD10	involvement
Cancer	C75.9	ICD10	Malignant neoplasm of endocrine gland
Cancer	C76.1	ICD10	Malignant neoplasm of thorax
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
			Malignant carcinoid tumor of unspecified
Cancer	C7A.00	ICD10	site
			Malignant carcinoid tumor of the
Cancer	C7A.020	ICD10	appendix

Cancer	C7A.021	ICD10	Malignant carcinoid tumor of the cecum
			Malignant carcinoid tumor of the
Cancer	C7A.022	ICD10	ascending colon
			Malignant carcinoid tumor of the
Cancer	C7A.023	ICD10	transverse colon
			Malignant carcinoid tumor of the
Cancer	C7A.024	ICD10	descending colon
			Malignant carcinoid tumor of the sigmoid
Cancer	C7A.025	ICD10	
			Malignant carcinoid tumor of the large
Cancer	C7A.029	ICD10	intestine
			Malignant carcinoid tumor of the
Cancer	C7A.090	ICD10	bronchus and lung
Cancer			Malignant carcinoid tumor of the thymus
			,
Cancer	C7A.092	ICD10	Malignant carcinoid tumor of the stomach
Cancer			Malignant carcinoid tumor of the kidney
			,
Cancer	C7A.098	ICD10	Malignant carcinoid tumors of other sites
			Malignant poorly differentiated
Cancer	C7A.1	ICD10	neuroendocrine tumors
Cancer			Other malignant neuroendocrine tumors
Cancer			Secondary carcinoid tumors
Cancer	C7B.1	ICD10	Secondary Merkel cell carcinoma
			Multifocal and multisystemic
			(disseminated) Langerhans-cell
Cancer	C96.0	ICD10	histiocytosis
Cancer	C96.2	ICD10	Malignant mast cell neoplasm
Cancer	C96.22	ICD10	Mast cell sarcoma
Cancer	C96.A	ICD10	Histiocytic sarcoma
Cancer	D00.0	ICD10	Carcinoma in situ of lip
Cancer	D00.00	ICD10	Carcinoma in situ of oral cavity
			Carcinoma in situ of labial mucosa and
Cancer	D00.01	ICD10	vermilion border
Cancer	D00.02	ICD10	Carcinoma in situ of buccal mucosa
			Carcinoma in situ of gingiva and
Cancer	D00.03	ICD10	edentulous alveolar ridge
Cancer			Carcinoma in situ of soft palate
			1
Cancer		ICD10	Carcinoma in situ of hard palate

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Cancer			Carcinoma in situ of tongue
Cancer	D00.08	ICD10	Carcinoma in situ of pharynx
Cancer	D00.1	ICD10	Carcinoma in situ of esophagus
Cancer	D00.2	ICD10	Carcinoma in situ of stomach
Cancer	D01.0	ICD10	Carcinoma in situ of colon
Cancer	D01.5	ICD10	Carcinoma in situ of liver
Cancer	D02.0	ICD10	Carcinoma in situ of larynx
Cancer	D02.1	ICD10	Carcinoma in situ of trachea
Cancer	D02.2	ICD10	Carcinoma in situ of bronchus and lung
Cancer	D02 20	ICD10	Carcinoma in situ of unspecified bronchus and lung
Carreer	502.20	10010	Carcinoma in situ of right bronchus and
Cancer	D02.21	ICD10	_
Carreer	002.21	1CD10	Carcinoma in situ of left bronchus and
Cancer	D02.22	ICD10	
Carreer	D02.22	ICDIO	Carcinoma in situ of other parts of
Cancer	DU3 3	ICD10	respiratory system
Cancer			Carcinoma in situ of respiratory system
Cancer			Carcinoma in situ of breast
Cancer			Lobular carcinoma in situ of breast
Carreer	003.0	ICDIO	Lobular carcinoma in situ of unspecified
Cancer	D05.00	ICD10	
Cancer			Lobular carcinoma in situ of right breast
Cancer			Lobular carcinoma in situ of left breast
Cancer			Intraductal carcinoma in situ of breast
Cancer	003.1	ICDIO	Intraductal carcinoma in situ of
Cancer	D05.10	ICD10	unspecified breast
			Intraductal carcinoma in situ of right
Cancer	D05.11	ICD10	breast
Cancer	D05.12	ICD10	Intraductal carcinoma in situ of left breast
			Other specified type of carcinoma in situ
Cancer	D05.8	ICD10	of breast
			Other specified type of carcinoma in situ
Cancer	D05.80	ICD10	of unspecified breast
			Other specified type of carcinoma in situ
Cancer	D05.81	ICD10	of right breast
			Other specified type of carcinoma in situ
Cancer	D05.82	ICD10	of left breast

			Unspecified type of carcinoma in situ of
Cancer	D05 9	ICD10	
currect	503.3	ICDIO	Unspecified type of carcinoma in situ of
Cancer	D05 90	ICD10	unspecified breast
Carreer	503.50	10010	Unspecified type of carcinoma in situ of
Cancer	D05 91	ICD10	right breast
Carreer	503.31	10220	Unspecified type of carcinoma in situ of
Cancer	D05.92	ICD10	left breast
Cancer	1		Carcinoma in situ of vulva
Cancer	D07.2	ICD10	Carcinoma in situ of vagina
			Carcinoma in situ of other and unspecified
Cancer	D07.3	ICD10	female genital organs
			Carcinoma in situ of unspecified female
Cancer	D07.30	ICD10	genital organs
			Carcinoma in situ of other female genital
Cancer	D07.39	ICD10	
Cancer	D07.4	ICD10	Carcinoma in situ of penis
Cancer			Carcinoma in situ of prostate
			Carcinoma in situ of other and unspecified
Cancer	D07.6	ICD10	male genital organs
			Carcinoma in situ of unspecified male
Cancer	D07.60	ICD10	genital organs
Cancer			Carcinoma in situ of scrotum
			Carcinoma in situ of other male genital
Cancer	D07.69	ICD10	
			Carcinoma in situ of other and unspecified
Cancer	D09	ICD10	sites
Cancer	D09.0	ICD10	Carcinoma in situ of bladder
			Carcinoma in situ of other and unspecified
Cancer	D09.1	ICD10	urinary organs
			Carcinoma in situ of unspecified urinary
Cancer	D09.10	ICD10	organ
Cancer	D09.19	ICD10	Carcinoma in situ of other urinary organs
Cancer	D09.2	ICD10	Carcinoma in situ of eye
Cancer	D09.20	ICD10	Carcinoma in situ of unspecified eye
Cancer	D09.21	ICD10	Carcinoma in situ of right eye
Cancer	D09.22	ICD10	Carcinoma in situ of left eye
			Carcinoma in situ of thyroid and other
Cancer	D09.3	ICD10	endocrine glands
Cancer	D09.8	ICD10	Carcinoma in situ of other specified sites

Cancer	D09.9	ICD10	Carcinoma in situ
			Neoplasm of uncertain behavior of female
Cancer	D39	ICD10	genital organs
Cancer	D39.0	ICD10	Neoplasm of uncertain behavior of uterus
Cancer	D39.1	ICD10	Neoplasm of uncertain behavior of ovary
			Neoplasm of uncertain behavior of
Cancer	D39.10	ICD10	unspecified ovary
			Neoplasm of uncertain behavior of right
Cancer	D39.11	ICD10	ovary
			Neoplasm of uncertain behavior of left
Cancer	D39.12	ICD10	ovary
			Neoplasm of uncertain behavior of
Cancer	D39.2	ICD10	placenta
			Neoplasm of uncertain behavior of other
Cancer	D39.8	ICD10	specified female genital organs
			Neoplasm of uncertain behavior of female
Cancer	D39.9	ICD10	genital organ
			Neoplasm of uncertain behavior of
Cancer	D41.4	ICD10	bladder
			Neoplasm of unspecified behavior of
Cancer	D49.4	ICD10	bladder
Cancer	G89.3	ICD10	Neoplasm related pain (acute) (chronic)
			1/4
Cancer	M90.6	ICD10	Osteitis deformans in neoplastic diseases
Cancer	N90.3	ICD10	Dysplasia of vulva
Cancer	R97.1	ICD10	Elevated cancer antigen 125 [CA 125]
			Personal history of malignant neoplasm of
Cancer	Z85.01	ICD10	esophagus
			Personal history of malignant neoplasm of
Cancer	Z85.02	ICD10	stomach
			Personal history of malignant carcinoid
Cancer	Z85.020	ICD10	tumor of stomach
			Personal history of other malignant
Cancer	Z85.028	ICD10	neoplasm of stomach
			Personal history of malignant neoplasm of
Cancer	Z85.03	ICD10	large intestine
			Personal history of malignant carcinoid
Cancer	Z85.030	ICD10	tumor of large intestine

			Personal history of other malignant
Cancer	785.038	ICD10	neoplasm of large intestine
- Carros		.0220	Personal history of malignant neoplasm of
Cancer	Z85.07	ICD10	pancreas
		10220	Personal history of malignant neoplasm of
Cancer	Z85.1	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	Z85.11	ICD10	bronchus and lung
			Personal history of malignant carcinoid
Cancer	Z85.110	ICD10	tumor of bronchus and lung
4			Personal history of other malignant
Cancer	Z85.118	ICD10	neoplasm of bronchus and lung
			Personal history of malignant neoplasm of
Cancer	Z85.12	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	Z85.2	ICD10	other respiratory and intrathoracic organs
			Personal history of malignant neoplasm of
Cancer	Z85.20	ICD10	unspecified respiratory organ
			Personal history of malignant neoplasm of
Cancer	Z85.21	ICD10	
			Personal history of malignant neoplasm of
Cancer	Z85.22	ICD10	nasal cavities
			Personal history of malignant neoplasm of
Cancer	Z85.23	ICD10	thymus
			Personal history of malignant carcinoid
Cancer	Z85.230	ICD10	tumor of thymus
	705 000	10540	Personal history of other malignant
Cancer	285.238	ICD10	neoplasm of thymus
			Developed history of modification of
Cancor	705 20	ICD10	Personal history of malignant neoplasm of
Cancer	265.29	ICDIO	other respiratory and intrathoracic organs
Cancer	Z85.3	ICD10	Personal history of malignant neoplasm of breast
Caricei	203.3	ICDIO	Personal history of malignant neoplasm of
Cancer	Z85.40	ICD10	unspecified female genital organ
Caricei	203.40	10010	Personal history of malignant neoplasm of
Cancer	Z85.41	ICD10	cervix uteri
	203.71	10010	Personal history of malignant neoplasm of
Cancer	785 44	ICD10	other female genital organs
Carreer	203.74	10010	other remaie benital organis

Cancer	Z85.848	ICD10	Personal history of malignant neoplasm of other parts of nervous tissue
Cancer	Z85.841	ICD10	
Cancer	Z85.840	ICD10	•
Cancer	Z85.831	ICD10	Personal history of malignant neoplasm of soft tissue
Cancer	Z85.830	ICD10	Personal history of malignant neoplasm of bone
Cancer			Personal history of malignant neoplasm of bone and soft tissue
Cancer			Personal history of malignant neoplasm of unspecified site of lip
Cancer			Personal history of malignant neoplasm of other sites of lip
Cancer	Z85.810		Personal history of malignant neoplasm of
Cancer	Z85.81		Personal history of malignant neoplasm of
Cancer	Z85.79	ICD10	Personal history of other malignant neoplasms of lymphoid
Cancer			Personal history of other malignant neoplasms of lymphoid
Cancer	Z85.59	ICD10	Personal history of malignant neoplasm of other urinary tract organ
Cancer	Z85.54	ICD10	Personal history of malignant neoplasm of ureter
Cancer	Z85.50	ICD10	Personal history of malignant neoplasm of unspecified urinary tract organ
Cancer	Z85.5	ICD10	Personal history of malignant neoplasm of urinary tract
Cancer	Z85.49	ICD10	Personal history of malignant neoplasm of other male genital organs
Cancer	Z85.48	ICD10	Personal history of malignant neoplasm of epididymis
Cancer	Z85.46	ICD10	Personal history of malignant neoplasm of prostate
Cancer	Z85.45	ICD10	Personal history of malignant neoplasm of unspecified male genital organ

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Cancer Z85.850 ICD10 thyroid  Cancer Z85.858 ICD10 Personal history of malignant neoplasm of other endocrine glands  Chronic kidney disease 403 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403.01 ICD9 Hypertensive renal disease  Chronic kidney disease 403.1 ICD9 Hypertensive renal disease  Chronic kidney disease 403.1 ICD9 Hypertensive renal disease  Chronic kidney disease 403.11 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 585.1 ICD9 Chronic kidney disease  Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease	Cancer	Z85.850	ICD10	thyroid
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Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 403.91 ICD9 Hypertensive renal disease  Chronic kidney disease 585.1 ICD9 Chronic kidney disease  Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease				
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Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 585.1 ICD9 Chronic kidney disease  Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease	Chania kidaay diaaaa	402.0	ICDO	Illumoutonella usaal diagga
Chronic kidney disease 403.91 ICD9 Hypertensive renal disease  Chronic kidney disease 585.1 ICD9 Chronic kidney disease  Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease	Chronic kluney disease	403.9	ICD9	Hypertensive renai disease
Chronic kidney disease 403.91 ICD9 Hypertensive renal disease  Chronic kidney disease 585.1 ICD9 Chronic kidney disease  Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease	Chronic kidney disease	403.9	ICD9	Hypertensive renal disease
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Chronic kidney disease 585.1 ICD9 Chronic kidney disease  Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease	Chronic kidney disease	403.91	ICD9	Hypertensive renal disease
Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease	,			
Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease	Chronic kidney disease	585.1	ICD9	Chronic kidney disease
Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease				
Chronic kidney disease 585.4 ICD9 Chronic kidney disease	Chronic kidney disease	585.2	ICD9	Chronic kidney disease
Chronic kidney disease 585.4 ICD9 Chronic kidney disease				
	Chronic kidney disease	585.3	ICD9	Chronic kidney disease
		505.4		
Chronic kidnov dispass	Chronic kidney disease	585.4	ICD9	Chronic kidney disease
	Chronic kidney disease	I12.0	ICD10	Hypertensive chronic kidnov discosso
Chronic kidney disease I12.0 ICD10 Hypertensive chronic kidney disease Hypertensive chronic kidney disease with	chi offic kiuffey disease	112.0	ICDIO	
stage 5 chronic kidney disease or end				• •
Chronic kidney disease I12.0 ICD10 stage renal disease	Chronic kidney disease	112.0	ICD10	,

			Hypertensive chronic kidney disease with
			stage 1 through stage 4 chronic kidney
Chronic kidney disease	l12.9	ICD10	disease
Chronic kidney disease	N18.1	ICD10	Chronic kidney disease
Chronic kidney disease	N18.2	ICD10	Chronic kidney disease
Chronic kidney disease	N18.3	ICD10	Chronic kidney disease
Chronic kidney disease	N18.4	ICD10	Chronic kidney disease
Chronic obstructive	$O_{\lambda}$		
pulmonary disease	491.2	ICD9	Obstructive chronic bronchitis
Chronic obstructive			
pulmonary disease	491.2	ICD9	Obstructive chronic bronchitis
Chronic obstructive			Obstructive chronic bronchitis with (acute)
pulmonary disease	491.21	ICD9	exacerbation
Chronic obstructive			Obstructive chronic bronchitis with acute
pulmonary disease	491.22	ICD9	bronchitis
Chronic obstructive			
pulmonary disease	492	ICD9	Emphysema
Chronic obstructive			
pulmonary disease	492	ICD9	Emphysematous bleb
Chronic obstructive			
pulmonary disease	492.8	ICD9	Other emphysema
Chronic obstructive			
pulmonary disease	496	ICD9	Chronic airway obstruction
Chronic obstructive			Other chronic obstructive pulmonary
pulmonary disease	J44.0	ICD10	disease
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.0	ICD10	with acute lower respiratory infection
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.1	ICD10	with (acute) exacerbation
Chronic obstructive			
pulmonary disease	J42.0	ICD10	Unspecified chronic bronchitis
Chronic obstructive			Simple and mucopurulent chronic
pulmonary disease	J41.0	ICD10	bronchitis
Chronic obstructive			
pulmonary disease	J41.0	ICD10	Simple chronic bronchitis

Chronic obstructive			
pulmonary disease	J41.1	ICD10	Mucopurulent chronic bronchitis
Chronic obstructive			Mixed simple and mucopurulent chronic
pulmonary disease	J41.8	ICD10	bronchitis
Chronic obstructive			
pulmonary disease	J43.0	ICD10	Emphysema
Chronic obstructive			Unilateral pulmonary emphysema
pulmonary disease	J43.0	ICD10	[MacLeod's syndrome]
Chronic obstructive			
pulmonary disease	J43.1	ICD10	Panlobular emphysema
Chronic obstructive			
pulmonary disease	J43.2	ICD10	Centrilobular emphysema
Chronic obstructive			
pulmonary disease	J43.8	ICD10	Other emphysema
Chronic obstructive			
pulmonary disease	J43.9	ICD10	Emphysema
Chronic obstructive			Other chronic obstructive pulmonary
pulmonary disease	J44.0	ICD10	disease
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.0	ICD10	with acute lower respiratory infection
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.1	ICD10	with (acute) exacerbation
Chronic obstructive			
pulmonary disease	J44.9	ICD10	Chronic obstructive pulmonary disease
Diabetes mellitus	249		Secondary diabetes mellitus
Diabetes mellitus	249	ICD9	Secondary diabetes mellitus
Diabetes mellitus	249		Secondary diabetes mellitus
Diabetes mellitus	249.01		Secondary diabetes mellitus
			Secondary diabetes mellitus with
Diabetes mellitus	249.1	ICD9	ketoacidosis
			Secondary diabetes mellitus with
Diabetes mellitus	249.1	ICD9	ketoacidosis
			Secondary diabetes mellitus with
Diabetes mellitus	249.11	ICD9	ketoacidosis
occo memeas	213.11		Secondary diabetes mellitus with
Diabetes mellitus	249.2	ICDa	hyperosmolarity
Diabetes memeas	243.2	.003	Secondary diabetes mellitus with
Diabetes mellitus	249.2	ICUa	hyperosmolarity
Diabetes memus	243.2	1003	Secondary diabetes mellitus with
Diabetes mellitus	249.21	ICDO	hyperosmolarity
Dianetes memitus	243.21	ICDS	πγρετοδιποιατιτγ

			Secondary diabetes mellitus with other
Diabetes mellitus	249.3	ICD9	coma
Diabetes meintas	243.3	1000	Secondary diabetes mellitus with other
Diabetes mellitus	249.3	ICD9	coma
Diabetes meintas	243.3	1003	Secondary diabetes mellitus with other
Diabetes mellitus	249.31	ICD9	coma
Diabetes memeas	213.31	1000	Secondary diabetes mellitus with renal
Diabetes mellitus	249.4	ICD9	manifestations
			Secondary diabetes mellitus with renal
Diabetes mellitus	249.4	ICD9	manifestations
			Secondary diabetes mellitus with renal
Diabetes mellitus	249.41	ICD9	manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.5	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.5	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.51	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.6	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.6	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.61	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.7	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with
Diabetes mellitus	249.7	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with
Diabetes mellitus	249.71	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with other
Diabetes mellitus	249.8	ICD9	specified manifestations
			Secondary diabetes mellitus with other
Diabetes mellitus	249.8	ICD9	specified manifestations
			Secondary diabetes mellitus with other
Diabetes mellitus	249.81	ICD9	specified manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.9	ICD9	unspecified complication
			Secondary diabetes mellitus with
Diabetes mellitus	249.9	ICD9	unspecified complication

			Secondary diabetes mellitus with
Diabetes mellitus	249.91	ICD9	unspecified complication
Diabetes mellitus	250	ICD9	Diabetes mellitus
			Diabetes mellitus without mention of
Diabetes mellitus	250	ICD9	complication
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250	ICD9	onset type] or unspecified type
			type I diabetes mellitus [insulin
Diabetes mellitus	250.01	ICD9	dependent type] [IDDM] [juvenile type]
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.02	ICD9	onset type] or unspecified type
Diabetes mellitus	250.03	ICD9	type I diabetes mellitus [juvenile type]
Diabetes mellitus	250.1	ICD9	Diabetes with ketoacidosis
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.1	ICD9	onset type] or unspecified type
			type I diabetes mellitus [insulin
Diabetes mellitus	250.11	ICD9	dependent type] [IDDM] [juvenile type]
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.12		onset type] or unspecified type
Diabetes mellitus	250.13		type I diabetes mellitus [juvenile type]
Diabetes mellitus	250.2		Diabetes mellitus with hyperosmolarity
Diabetes mellitus	250.2		Diabetes mellitus
Diabetes mellitus	250.21	ICD9	Diabetes mellitus
			Diabetes mellitustype II [non-insulin
			dependent type] [NIDDM type] [adult-
			onset type] or unspecified type with
Diabetes mellitus	250.22		hyperosmolarity
Diabetes mellitus	250.23		Diabetes mellitus
Diabetes mellitus	250.3		Diabetes with other coma
Diabetes mellitus	250.3		Diabetes mellitus
Diabetes mellitus	250.31	ICD9	Diabetes mellitus
Diabetes mellitus	250.32	ICD9	Diabetes mellitus with other coma
Diabetes mellitus	250.33	ICD9	Diabetes mellitus with other coma
Diabetes mellitus	250.4	ICD9	Diabetes with renal manifestations

Diabetes mellitus	250.71	ICD9	dependent type] [IDDM] [juvenile type]
		_	Diabetes mellitus type I [insulin
Diabetes mellitus	250.7	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
			Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.7	ICD9	disorders
			Diabetes with peripheral circulatory
Diabetes mellitus	250.63		Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.62	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
		. 32 3	Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.61	ICD9	dependent type] [IDDM] [juvenile type]
	250.0	.000	Diabetes mellitus type I [insulin
Diabetes mellitus	250.6	ICD9	dependent type] [NIDDM type] [adult- onset type] or unspecified type
			Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.6	ICD9	Diabetes with neurological manifestations
Diabetes mellitus	250.53	ICD9	Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.52	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
			Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.51	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.5	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
			Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.5	ICD9	Diabetes with ophthalmic manifestations
	230.13	.555	
Diabetes mellitus	250.43		Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.42	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
Diancics inclinus	230.41	יכטא	Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.41	ICDa	dependent type] [IDDM] [juvenile type]
Dianetes mellitus	230.4	וכטא	Diabetes mellitus type I [insulin
Diabetes mellitus	250.4	וכטט	dependent type] [NIDDM type] [adult- onset type] or unspecified type
			Diabetes mellitus type II [non-insulin

			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.72	ICD9	onset type] or unspecified type
Diabetes mellitus	250.72		Diabetes mellitus type I [juvenile type]
Diabetes memeas	230.73	1003	Diabetes with other specified
Diabetes mellitus	250.8	ICD9	manifestations
Diabetes memeas	250.0	1023	Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.8	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.81	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.82	ICD9	onset type] or unspecified type
Diabetes mellitus	250.83	ICD9	Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.9	ICD9	Diabetes with unspecified complication
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.9	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.91	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.92	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.93	ICD9	dependent type] [IDDM] [juvenile type]
Diabetes mellitus	357.2	ICD9	Polyneuropathy in diabetes
			Diabetes mellitus due to underlying
Diabetes mellitus	E08	ICD10	condition
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.0	ICD10	condition with hyperosmolarity
			Diabetes mellitus due to underlying
			condition with hyperosmolarity without
			nonketotic hyperglycemic-hyperosmolar
Diabetes mellitus	E08.00	ICD10	coma (NKHHC)
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.01	ICD10	condition with hyperosmolarity with coma
	500		Diabetes mellitus due to underlying
Diabetes mellitus	E08.1	ICD10	condition with ketoacidosis

			Diabetes mellitus due to underlying
Diabetes mellitus	E08.10	ICD10	condition with ketoacidosis without coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.11	ICD10	condition with ketoacidosis with coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.2	ICD10	condition with kidney complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.21	ICD10	condition with diabetic nephropathy
			Diabetes mellitus due to underlying
Diabetes mellitus	E00 22	ICD10	condition with diabetic chronic kidney disease
Diabetes meintus	EU0.22	ICDIO	Diabetes mellitus due to underlying
			condition with other diabetic kidney
Diabetes mellitus	E08.29	ICD10	complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3	ICD10	condition with ophthalmic complications
			Diabetes mellitus due to underlying
			condition with unspecified diabetic
Diabetes mellitus	E08.31	ICD10	retinopathy
			Diabetes mellitus due to underlying
S. I	500.044	10540	condition with unspecified diabetic
Diabetes mellitus	E08.311	ICD10	retinopathy with macular edema
			Diabetes mellitus due to underlying
Diabetes mellitus	F08 319	ICD10	condition with unspecified diabetic retinopathy without macular edema
Diabetes memeas	100.313	ICDIO	Diabetes mellitus due to underlying
			condition with mild nonproliferative
Diabetes mellitus	E08.32	ICD10	diabetic retinopathy
			Diabetes mellitus due to underlying
			condition with mild nonproliferative
Diabetes mellitus	E08.321	ICD10	diabetic retinopathy with macular edema
			Diabetes with mild nonp rtnop with
Diabetes mellitus	E08.3211	ICD10	macular edema
	500.00		Diabetes with mild nonp rtnop with
Diabetes mellitus	E08.3212	ICD10	macular edema
Diahataa maallitusa	F00 2242	10040	Diabetes with mild nonp rtnop with
Diabetes mellitus	EU8.3213	ICD10	macular edema

			Diabetes with mild nonp rtnop with
Diabetes mellitus	F08 3219	ICD10	macular edema
Diabetes memeas	L00.3213	ICDIO	
			Diabetes mellitus due to underlying
			condition with mild nonproliferative
Diebetee meellitus	E00 220	ICD10	diabetic retinopathy without macular
Diabetes mellitus	E08.329	ICDIO	
			Diabetes with mild nonp rtnop without
Diabetes mellitus	E08.3291	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with mild nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E08.3292	ICD10	edema
			Diabetes with mild nonp rtnop without
Diabetes mellitus	E08.3293	ICD10	macular edema
			Diabetes with mild nonp rtnop without
Diabetes mellitus	E08.3299	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with moderate nonproliferative
Diabetes mellitus	E08.33	ICD10	diabetic retinopathy
			Diabetes mellitus due to underlying
			condition with moderate nonproliferative
Diabetes mellitus	E08.331	ICD10	diabetic retinopathy with macular edema
			Diabetes with moderate nonp rtnop with
Diabetes mellitus	F08 3311	ICD10	macular edema
Diabetes memeas	100.5511	10010	Tridedial Cacilla
			Diabatas mallitus dua ta undarluina
			Diabetes mellitus due to underlying
Diabetes mellitus	F00 2212	ICD10	condition with moderate nonproliferative
Diabetes meintus	EU8.3312	ICDIO	diabetic retinopathy with macular edema
D: 1	500 2242	16546	Diabetes with moderate nonp rtnop with
Diabetes mellitus	E08.3313	ICD10	macular edema
			Diabetes with moderate nonp rtnop with
Diabetes mellitus	E08.3319	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with moderate nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E08.339	ICD10	edema

			Diabetes mellitus due to underlying
			condition with moderate nonproliferative diabetic retinopathy without macular
Diabetes mellitus	E08.3391	ICD10	edema ,
			Diabetes mellitus due to underlying
			condition with moderate nonproliferative diabetic retinopathy without macular
Diabetes mellitus	E08.3392	ICD10	edema
D. I	500 2202	10040	Diabetes with moderate nonp rtnop
Diabetes mellitus	E08.3393	ICD10	without macular edema
			Diabetes mellitus due to underlying condition with moderate nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E08.3399	ICD10	edema
			Diabetes mellitus due to underlying
Diabetes mellitus	E00 24	ICD10	condition with severe nonproliferative
Diabetes meintus	EU6.54	ICDIO	diabetic retinopathy
			Diabetes mellitus due to underlying
			condition with severe nonproliferative
Diabetes mellitus	E08.341	ICD10	diabetic retinopathy with macular edema
S. I	500 0444	10540	Diabetes with severe nonp rtnop with
Diabetes mellitus	E08.3411	ICD10	macular edema
Diabetes mellitus	E08.3412	ICD10	Diabetes with severe nonp rtnop with macular edema
			Diabetes with severe nonp rtnop with
Diabetes mellitus	E08.3413	ICD10	macular edema
Diahataa wallituu	F00 2440	16040	Diabetes with severe nonp rtnop with
Diabetes mellitus	E08.3419	ICD10	macular edema
			Diabetes mellitus due to underlying condition with severe nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E08.349	ICD10	edema ,
			Diabetes with severe nonp rtnop without
Diabetes mellitus	E08.3491	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with severe nonproliferative diabetic retinopathy without macular
Diabetes mellitus	E08.3492	ICD10	edema

			Diabetes with severe nonp rtnop without
Diabetes mellitus	E08.3493	ICD10	macular edema
			Diabetes with severe nonp rtnop without
Diabetes mellitus	E08.3499	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.35	ICD10	retinopathy
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.351	ICD10	retinopathy with macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.3511	ICD10	retinopathy with macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.3512	ICD10	retinopathy with macular edema
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3513	ICD10	macular edema
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3519	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.352	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3521	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3522	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3523	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3529	ICD10	detachment involving the macula

	1		
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.353	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3531	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
· · · · · · · · · · · · · · · · · · ·			retinopathy with traction retinal
Diabetes mellitus	E08.3532	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3533	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3539	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with combined traction retinal
			detachment and rhegmatogenous retinal
Diabetes mellitus	E08.354	ICD10	detachment
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3541	ICD10	comb detach
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with combined traction retinal
			detachment and rhegmatogenous retinal
Diabetes mellitus	E08.3542	ICD10	detachment
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3543	ICD10	combined detach
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3549	ICD10	comb detach
			Diabetes mellitus due to underlying
			condition with stable proliferative diabetic
Diabetes mellitus	E08.355	ICD10	retinopathy

Diabetes mellitus	E08.4	ICD10	condition with neurological complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.39	ICD10	condition with other diabetic ophthalmic complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.37X9	ICD10	condition with diabetic macular edema
Diabetes memus	100.3783	ICDIO	Diabetes will diabetic macdial edema  Diabetes mellitus due to underlying
Diabetes mellitus	E08.37X3		Diabetes with diabetic macular edema
Diabetes mellitus	E08.37X2	ICD10	Diabetes mellitus due to underlying condition with diabetic macular edema
Diabetes mellitus	E08.37X1	ICD10	condition with diabetic macular edema
Diabotos mallitus	E00 27V4	ICD10	Diabetes mellitus due to underlying
Diabetes mellitus	E08.37	ICD10	condition with diabetic macular edema
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.36	ICD10	condition with diabetic cataract
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3599	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3593	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
Diabetes memus	100.3332	10010	Diabetes mellitus due to underlying
Diabetes mellitus	E08.3592	ICD10	retinopathy without macular edema
		5	Diabetes mellitus due to underlying condition with proliferative diabetic
Diabetes mellitus	E08.3591	ICD10	retinopathy without macular edema
Dialasta a seculity	E00 3E04	10040	condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.359	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3559	ICD10	retinopathy
			Diabetes with stable prolif diabetic
Diabetes mellitus	E08.3553	ICD10	retinopathy
Diabetes memeas	200.3332	10010	Diabetes with stable prolif diabetic
Diabetes mellitus	F08 3552	ICD10	Diabetes with stable prolif diabetic retinopathy
Dianetes meintus	EU6.3331	ICDIO	retinopathy  Diabetes with stable prolif diabetis
Diabetes mellitus	EU0 3EE1	ICD10	Diabetes with stable prolif diabetic

Diabetes mellitus	E08.620	ICD10	lipoidica
			condition with diabetic necrobiosis
Diabetes memus	200.02	10010	Diabetes mellitus due to underlying
Diabetes mellitus	E08.62	ICD10	Diabetes mellitus due to underlying condition with skin complications
Diabetes mellitus	EU8.618	ICD10	condition with other diabetic arthropathy
Diabatas mallitus	E00 C10	ICD10	Diabetes mellitus due to underlying
Diabetes mellitus	E08.610	ICD10	arthropathy
			condition with diabetic neuropathic
Dianetes illellitus	100.01	ICDIO	Diabetes mellitus due to underlying
Diabetes mellitus	E08.61	ICD10	Diabetes mellitus due to underlying condition with diabetic arthropathy
Diabetes mellitus	E08.6	ICD10	condition with other specified complications
Diabetes memeas	200.55	10010	Diabetes mellitus due to underlying
Diabetes mellitus	E08.59	ICD10	Diabetes mellitus due to underlying condition with other circulatory complications
Diabetes mellitus	E08.52	ICD10	angiopathy with gangrene
			condition with diabetic peripheral
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.51	ICD10	angiopathy without gangrene
			condition with diabetic peripheral
Diabetes memeas	200.5	ICDIO	Diabetes mellitus due to underlying
Diabetes mellitus	E08.5	ICD10	Diabetes mellitus due to underlying condition with circulatory complications
Diabetes mellitus	E08.49	ICD10	complication  Diabetes mollitus due to underlying
Diahatas wallitus	F09.40	ICD10	Diabetes mellitus due to underlying condition with other diabetic neurological
Diabetes mellitus	E08.44	ICD10	condition with diabetic amyotrophy
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.43	ICD10	(poly)neuropathy
			condition with diabetic autonomic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.42	ICD10	condition with diabetic polyneuropathy
Dianetes Hieilitus	100.41	ICDIO	Diabetes mellitus due to underlying
Diabetes mellitus	E09 //1	ICD10	Diabetes mellitus due to underlying condition with diabetic mononeuropathy
Diabetes mellitus	E08.40	ICD10	condition with diabetic neuropathy
Diahatas	F00.40	10040	Diabetes mellitus due to underlying

			Diabetes mellitus due to underlying
Diabetes mellitus	E08.621	ICD10	condition with foot ulcer
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.622	ICD10	condition with other skin ulcer
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.628	ICD10	condition with other skin complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.63	ICD10	condition with oral complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.630	ICD10	condition with periodontal disease
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.638	ICD10	condition with other oral complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.64	ICD10	condition with hypoglycemia
D'abata a a ll'i	F00 C44	10040	Diabetes mellitus due to underlying
Diabetes mellitus	E08.641	ICD10	condition with hypoglycemia with coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.649	ICD10	condition with hypoglycemia without
Diabetes memeas	200.043	ICDIO	Diabetes mellitus due to underlying
Diabetes mellitus	E08.65	ICD10	condition with hyperglycemia
		.0220	Diabetes mellitus due to underlying
			condition with other specified
Diabetes mellitus	E08.69	ICD10	complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.8	ICD10	condition with unspecified complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.9	ICD10	condition without complications
			Drug or chemical induced diabetes
Diabetes mellitus	E09	ICD10	mellitus
			Drug or chemical induced diabetes
Diabetes mellitus	E09.0	ICD10	mellitus with hyperosmolarity
			Drug or chemical induced diabetes
			mellitus with hyperosmolarity without
Diabetes mellitus	E09.00	ICD10	nonketotic hyperglycemic-hyperosmolar
Diabetes meintus	E09.00	ICDIO	coma (NKHHC)
Diabetes mellitus	F09 01	ICD10	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma
D.abetes memeas	203.01	.0010	Drug or chemical induced diabetes
Diabetes mellitus	E09.1	ICD10	mellitus with ketoacidosis
_ 13.0000			

Diabetes mellitus E09.10 ICD10 mellitus with ketoacidosis without coma Diabetes mellitus E09.11 ICD10 mellitus with ketoacidosis with coma Drug or chemical induced diabetes mellitus with ketoacidosis with coma Drug or chemical induced diabetes mellitus with kidney complications Drug or chemical induced diabetes mellitus with diabetic complications Drug or chemical induced diabetes mellitus with diabetic chronic kidney Drug or chemical induced diabetes mellitus with diabetic chronic kidney Drug or chemical induced diabetes mellitus with other diabetic kidney Drug or chemical induced diabetes mellitus with ophthalmic complication Drug or chemical induced diabetes mellitus with ophthalmic complications Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy without macular edema Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema Drug/chem diab with mild nonp rtnop With mccular edema Drug/chem diab with mild nonp rtnop		T	I	
Diabetes mellitus  E09.11 ICD10   Drug or chemical induced diabetes mellitus with ketoacidosis with coma   Drug or chemical induced diabetes mellitus with kidney complications   Drug or chemical induced diabetes mellitus with diabetic nephropathy   Drug or chemical induced diabetes mellitus with diabetic nephropathy   Drug or chemical induced diabetes mellitus with diabetic chronic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with ophthalmic complications   Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes   Drug or chemical induced				Drug or chemical induced diabetes
Diabetes mellitus E09.1 ICD10 mellitus with ketoacidosis with coma  Diabetes mellitus E09.2 ICD10 mellitus with kidney complications  Diabetes mellitus E09.21 ICD10 mellitus with kidney complications  Diabetes mellitus E09.21 ICD10 mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic chronic kidney  Diabetes mellitus E09.22 ICD10 disease  Drug or chemical induced diabetes mellitus with other diabetic kidney  Diabetes mellitus E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic mellitus with unspecified diabetes mellitus with unspecified diabetes mellitus with midence diabetes mellitus with midence diabetes mellitus with midence diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative	Diabetes mellitus	E09.10	ICD10	
Diabetes mellitus  E09.2 ICD10 mellitus with kidney complications  Drug or chemical induced diabetes mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease  Drug or chemical induced diabetes mellitus with other diabetic kidney Diabetes mellitus  E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with other diabetic kidney Diabetes mellitus  E09.31 ICD10 mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic mellitus with unspecified diabetes mellitus with mild nonproliferative Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative				_
Diabetes mellitus E09.2 ICD10 mellitus with kidney complications  Diabetes mellitus E09.21 ICD10 mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease  Diabetes mellitus E09.22 ICD10 diabetes mellitus with other diabetic kidney disease  Diabetes mellitus E09.3 ICD10 mellitus with other diabetic kidney disease  Drug or chemical induced diabetes mellitus with other diabetic kidney disease  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative	Diabetes mellitus	E09.11	ICD10	mellitus with ketoacidosis with coma
Diabetes mellitus  E09.21 ICD10   Drug or chemical induced diabetes mellitus with diabetic nephropathy   Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with ophthalmic complications   Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with unspecified diabetic retinopathy with macular edema   Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema   Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema   Drug or chemical induced diabetes mellitus with mild nonproliferative   Diabetes mellitus   E09.31   ICD10   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes   Drug or chemical induced diabete				Drug or chemical induced diabetes
Diabetes mellitus  E09.21 ICD10 mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic chronic kidney  Diabetes mellitus  E09.22 ICD10 disease  Drug or chemical induced diabetes mellitus with other diabetic kidney  Complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative diabetes mellitus with mild	Diabetes mellitus	E09.2	ICD10	mellitus with kidney complications
Diabetes mellitus  E09.22 ICD10 disease  Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease  Drug or chemical induced diabetes mellitus with other diabetic kidney complication  Drug or chemical induced diabetes mellitus with other diabetic kidney complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative diabetes mellitus wi				Drug or chemical induced diabetes
Diabetes mellitus   E09.22   ICD10   disease	Diabetes mellitus	E09.21	ICD10	mellitus with diabetic nephropathy
Diabetes mellitus  E09.29 ICD10 disease  Drug or chemical induced diabetes mellitus with other diabetic kidney complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Diabetes mellitus  E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with other diabetic kidney  Drug or chemical induced diabetes  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic  Diabetes mellitus  E09.311 ICD10 retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				mellitus with diabetic chronic kidney
Diabetes mellitus  E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.22	ICD10	disease
Diabetes mellitus  E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Diabetes mellitus  E09.3 ICD10 mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic  Diabetes mellitus  E09.31 ICD10 retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				mellitus with other diabetic kidney
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Diabetes mellitus  E09.31 ICD10 retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with unspecified diabetic mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
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mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.311	ICD10	retinopathy with macular edema
Diabetes mellitus  E09.319 ICD10 retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  Drug or chemical induced diabetes mellitus with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
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Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.319	ICD10	retinopathy without macular edema
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Drug or chemical induced diabetes mellitus with mild nonproliferative  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				mellitus with mild nonproliferative
Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.32	ICD10	diabetic retinopathy
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Drug or chemical induced diabetes mellitus with mild nonproliferative  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				
Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.321	ICD10	diabetic retinopathy with macular edema
Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				
Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				_
Drug/chem diab with mild nonp rtnop Diabetes mellitus E09.3212 ICD10 with mclr edema Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.3211	ICD10	•
Diabetes mellitus E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				
Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.3212	ICD10	
				Drug/chem diab with mild nonp rtnop
	Diabetes mellitus	E09.3213	ICD10	• • •

			Drug/chem diab with mild nonp rtnop
Diabetes mellitus	E09.3219	ICD10	with macular edema
Diabetes mellitus	E09.329	ICD10	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus	E09.3291	ICD10	Drug/chem diab with mild nonp rtnop w/o mclr edema
Diabetes mellitus	E09.3292	ICD10	Drug/chem diab with mild nonp rtnop w/o mclr edema
Diabetes mellitus	E09.3293	ICD10	Drug/chem diab with mild nonp rtnop without mclr edema
Diabetes mellitus	E09.3299	ICD10	Drug/chem diab with mild nonp rtnop without mclr edema
Diabetes mellitus	E09.33	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy
Diabetes mellitus	E09.331	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
Diabetes mellitus	E09.3311	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3312	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3313	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3319	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.339	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus	E09.3391		Drug/chem diab with mod nonp rtnop without mclr edema
Diabetes mellitus	E09.3392	ICD10	Drug/chem diab with mod nonp rtnop without mclr edema
Diabetes mellitus	E09.3393	ICD10	Drug/chem diab with mod nonp rtnop without macular edema

			Drug/chem diab with mod nonp rtnop
Diabetes mellitus	E09.3399	ICD10	without mclr edema
			Drug or chemical induced diabetes
			mellitus with severe nonproliferative
Diabetes mellitus	E09.34	ICD10	diabetic retinopathy
			Drug or chemical induced diabetes
			mellitus with severe nonproliferative
Diabetes mellitus	E09.341	ICD10	diabetic retinopathy with macular edema
	500 0444	10540	Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3411	ICD10	with mclr edema
Diahataa mallitus	F00 2412	10010	Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3412	ICD10	with mclr edema
Diahatas mallitus	F00 2412	ICD10	Drug/chem diab with severe nonp rtnop with macular edema
Diabetes mellitus	E09.3413	ICDIO	
Diabetes mellitus	E00 2/10	ICD10	Drug/chem diab with severe nonp rtnop with mclr edema
Diabetes meintus	103.3413	ICDIO	
			Drug or chemical induced diabetes mellitus with severe nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E09.349	ICD10	
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3491	ICD10	w/o mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3492	ICD10	w/o mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3493	ICD10	without mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3499	ICD10	w/o mclr edema
			Drug or chemical induced diabetes
District Pro	500.05	105.10	mellitus with proliferative diabetic
Diabetes mellitus	E09.35	ICD10	retinopathy
			Drug or chemical induced diabetes
Diabotos mallitus	E00 2E1	ICD10	mellitus with proliferative diabetic
Diabetes mellitus	E09.351	ICDIO	retinopathy with macular edema
Diabetes mellitus	E09.3511	ICD10	Drug/chem diab with prolif diab rtnop with mclr edema
Dianetes illellitus	LU3.3311	ICDIO	Drug/chem diab with prolif diab rtnop
Diabetes mellitus	F09 3512	ICD10	with mclr edema
Dianetes memitus	LU3.331Z	ICDIO	with fileli Euclina

			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3513	ICD10	with macular edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3519	ICD10	with mclr edema
			Drug or chemical induced diabetes
			mellitus with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E09.352	ICD10	detachment involving the macula
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3521	ICD10	trctn dtch macula
5.1.	500 3533	10040	Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3522	ICD10	trctn dtch macula
Diahatas mallitus	F00 2F22	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch macula
Diabetes mellitus	E09.3523	ICDIO	
Diabetes mellitus	E09.3529	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch macula
Diabetes meintus	L09.3329	ICDIO	Drug or chemical induced diabetes
			mellitus with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E09.353	ICD10	detachment not involving the macula
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3531	ICD10	trctn dtch n-mcla
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3532	ICD10	trctn dtch n-mcla
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3533	ICD10	trctn dtch n-mcla
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3539	ICD10	trctn dtch n-mcla
			Drug or chemical induced diabetes
			mellitus with proliferative diabetic
			retinopathy with combined traction retinal
D'abata a ma	F00 35 :	10040	detachment and rhegmatogenous retinal
Diabetes mellitus	E09.354	ICD10	detachment
Diabetes mellitus	E00 25 44	ICD10	Drug/chem diab w prolif diab rtnop with comb detach
Diabetes meilitus	EU3.3341	ICDIO	
Diabetes mellitus	F09 3542	ICD10	Drug/chem diab w prolif diab rtnop with comb detach
Diabetes illellitus	205.5542	10010	Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3543	ICD10	with comb detach
	1 -55.55 75		

			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3549	ICD10	with comb detach
			Drug or chemical induced diabetes
			mellitus with stable proliferative diabetic
Diabetes mellitus	E09.355	ICD10	retinopathy
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3551	ICD10	diabetic rtnop
			Drug/chem diab with stable prolif diabetic
Diabetes mellitus	E09.3552	ICD10	rtnop
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3553	ICD10	diabetic rtnop
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3559	ICD10	diabetic rtnop
			Drug or chemical induced diabetes
			mellitus with proliferative diabetic
Diabetes mellitus	E09.359	ICD10	retinopathy without macular edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3591	ICD10	w/o mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3592	ICD10	w/o mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3593	ICD10	without mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3599	ICD10	w/o mclr edema
			Drug or chemical induced diabetes
Diabetes mellitus	E09.36	ICD10	mellitus with diabetic cataract
			Drug or chemical induced diabetes
Diabetes mellitus	E09.37	ICD10	mellitus with diabetic macular edema
Diabetes mellitus	E09.37X1	ICD10	Drug/chem diab w diab mclr edma
Diabetes mellitus	E09.37X2	ICD10	Drug/chem diab w diab mclr edma
Diabetes mellitus	E09.37X3	ICD10	Drug/chem diab with diab mclr edema
Diabetes mellitus	E09.37X9	ICD10	Drug/chem diab with diab mclr edma
			Drug/chem diabetes w oth diabetic
Diabetes mellitus	E09.39	ICD10	ophthalmic complication
			Drug or chemical induced diabetes
Diabetes mellitus	E09.4	ICD10	mellitus with neurological complications
			Drug or chemical induced diabetes
			mellitus with neurological complications
Diabetes mellitus	E09.40	ICD10	with diabetic neuropathy

			Drug/chem diabetes w neuro comp w
Diabetes mellitus	E09.41	ICD10	diabetic mononeuropathy
			Drug or chemical induced diabetes
			mellitus with neurological complications
Diabetes mellitus	E09.42	ICD10	with diabetic polyneuropathy
			Drug or chemical induced diabetes
			mellitus with neurological complications
Diabetes mellitus	E09.43	ICD10	with diabetic autonomic (poly)neuropathy
			Drug/chem diabetes w neurological comp
Diabetes mellitus	E09.44	ICD10	w diabetic amyotrophy
			Drug/chem diabetes w neuro comp w oth
Diabetes mellitus	E09.49	ICD10	diabetic neuro comp
		4	Drug or chemical induced diabetes
Diabetes mellitus	E09.5	ICD10	mellitus with circulatory complications
			Drug or chemical induced diabetes
			mellitus with diabetic peripheral
Diabetes mellitus	E09.51	ICD10	angiopathy without gangrene
			Drug/chem diabetes w diabetic prph
Diabetes mellitus	E09.52	ICD10	angiopath w gangrene
			Drug/chem diabetes mellitus w oth
Diabetes mellitus	E09.59	ICD10	circulatory complications
			Drug or chemical induced diabetes
			mellitus with other specified
Diabetes mellitus	E09.6	ICD10	complications
			Drug or chemical induced diabetes
Diabetes mellitus	E09.61	ICD10	mellitus with diabetic arthropathy
			Drug/chem diabetes w diabetic
Diabetes mellitus	E09.610	ICD10	neuropathic arthropathy
			Drug/chem diabetes mellitus w oth
Diabetes mellitus	E09.618	ICD10	diabetic arthropathy
			Drug or chemical induced diabetes
Diabetes mellitus	E09.62	ICD10	mellitus with skin complications
			Drug/chem diabetes mellitus w diabetic
Diabetes mellitus	E09.620	ICD10	dermatitis
			Drug or chemical induced diabetes
Diabetes mellitus	E09.621	ICD10	mellitus with foot ulcer
			Drug or chemical induced diabetes
Diabetes mellitus	E09.622	ICD10	mellitus with other skin ulcer

Diabetes mellitus	E13.11	ICD10	Other specified diabetes mellitus with ketoacidosis with coma
Diabetes mellitus	E13.10	ICD10	Other specified diabetes mellitus with ketoacidosis without coma
Diabetes mellitus	E13.1	ICD10	ketoacidosis
Diabetes mellitus	E13.01	ICD10	hyperosmolarity with coma Other specified diabetes mellitus with
			Other specified diabetes mellitus with
Diabetes mellitus	E13.00	ICD10	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
Diabetes mellitus	E13.0	ICD10	Other specified diabetes mellitus with hyperosmolarity
Diabetes mellitus	E13.0	ICD10	Other specified diabetes mellitus
Diabetes mellitus	E09.9	ICD10	Drug or chemical induced diabetes mellitus without complications
Diabetes mellitus	E09.8	ICD10	mellitus with unspecified complications
Diabetes mellitus	E09.69	ICD10	mellitus with other specified complication  Drug or chemical induced diabetes
	F00 60	105.10	Drug or chemical induced diabetes
Diabetes mellitus	E09.65	ICD10	Drug or chemical induced diabetes mellitus with hyperglycemia
Diabetes mellitus	E09.649	ICD10	mellitus with hypoglycemia without coma
			Drug or chemical induced diabetes
Diabetes mellitus	E09.641	ICD10	hypoglycemia w coma
Diabetes mellitus	E09.64	ICD10	mellitus with hypoglycemia  Drug/chem diabetes mellitus w
Diabetes mellitus	E09.638	ICD10	complications  Drug or chemical induced diabetes
Diabetes mellitus	E09.630	ICD10	periodontal disease  Drug/chem diabetes mellitus w oth oral
	500.000	105.15	Drug/chem diabetes mellitus w
Diabetes mellitus	E09.63	ICD10	Drug or chemical induced diabetes mellitus with oral complications
Diabetes mellitus	E09.628	ICD10	complications
			Drug/chem diabetes mellitus w oth skin

Diabatas mallitus	F12.2	ICD10	Other specified diabetes mellitus with
Diabetes mellitus	E13.2	ICDIO	kidney complications
D: 1	542.24	10040	Other specified diabetes mellitus with
Diabetes mellitus	E13.21	ICD10	diabetic nephropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.22	ICD10	diabetic chronic kidney disease
			Other specified diabetes mellitus with
Diabetes mellitus	E13.29	ICD10	other diabetic kidney complication
			Other specified diabetes mellitus with
Diabetes mellitus	E13.3	ICD10	ophthalmic complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.36	ICD10	diabetic cataract
			Other specified diabetes mellitus with
Diabetes mellitus	E13.37	ICD10	diabetic macular edema
			Other specified diabetes mellitus with
Diabetes mellitus	E13.37X1	ICD10	diabetic macular edema
			Other specified diabetes mellitus with
Diabetes mellitus	E13.37X2	ICD10	diabetic macular edema
Diabetes memeas	120.077.2	10210	Other specified diabetes mellitus with
Diabetes mellitus	F13 37X3	ICD10	diabetic macular edema
Diabetes memeas	L13.3773	ICDIO	Other specified diabetes mellitus with
Diabetes mellitus	E12 27V0	ICD10	diabetic macular edema
Diabetes meintus	E13.37A9	ICDIO	
Diahataa mallitus	F12 20	ICD10	Other specified diabetes mellitus with
Diabetes mellitus	E13.39	ICDIO	other diabetic ophthalmic complication
			Other specified diabetes mellitus with
Diabetes mellitus	E13.4	ICD10	neurological complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.40	ICD10	diabetic neuropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.41	ICD10	diabetic mononeuropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.42	ICD10	diabetic polyneuropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.43	ICD10	diabetic autonomic (poly)neuropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.44	ICD10	diabetic amyotrophy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.49	ICD10	other diabetic neurological complication
	1		Other specified diabetes mellitus with
Diabetes mellitus	F13 5	ICD10	circulatory complications
Diabetes memtas	L13.3	10010	on ediatory complications

			Other specified diabetes mellitus with
			diabetic peripheral angiopathy without
Diabetes mellitus	E13.51	ICD10	gangrene
			Other specified diabetes mellitus with
			diabetic peripheral angiopathy with
Diabetes mellitus	E13.52	ICD10	gangrene
			Other specified diabetes mellitus with
Diabetes mellitus	E13.59	ICD10	other circulatory complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.6	ICD10	other specified complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.61	ICD10	diabetic arthropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.610	ICD10	diabetic neuropathic arthropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.618	ICD10	other diabetic arthropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.62	ICD10	skin complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.620	ICD10	diabetic necrobiosis lipoidica
			Other specified diabetes mellitus with
Diabetes mellitus	E13.621	ICD10	foot ulcer
			Other specified diabetes mellitus with
Diabetes mellitus	E13.622	ICD10	other skin ulcer
			Other specified diabetes mellitus with
Diabetes mellitus	E13.628	ICD10	other skin complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.63	ICD10	oral complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.630	ICD10	periodontal disease
			Other specified diabetes mellitus with
Diabetes mellitus	E13.638	ICD10	other oral complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.64	ICD10	hypoglycemia
			Other specified diabetes mellitus with
Diabetes mellitus	E13.641	ICD10	hypoglycemia with coma
			Other specified diabetes mellitus with
Diabetes mellitus	E13.649	ICD10	hypoglycemia without coma
B. I	F40.6=	105.46	Other specified diabetes mellitus with
Diabetes mellitus	E13.65	ICD10	hyperglycemia

Dishara a all'i	F42.60	10040	Other specified diabetes mellitus with
Diabetes mellitus	E13.69	ICD10	other specified complication
D. I	540.0	10540	Other specified diabetes mellitus with
Diabetes mellitus	E13.8	ICD10	unspecified complications
			Other specified diabetes mellitus without
Diabetes mellitus			complications
Heart failure	428		Heart failure
Heart failure	428		Congestive heart failure (CHF) NOS
Heart failure	428		Congestive heart failure (CHF) NOS **
Heart failure	428.1		Left heart failure
Heart failure	428.2	ICD9	Systolic heart failure
Heart failure	428.2	ICD9	Systolic heart failure
Heart failure	428.21	ICD9	Systolic heart failure
Heart failure	428.22	ICD9	Systolic heart failure
Heart failure	428.23	ICD9	Systolic heart failure
Heart failure	428.3	ICD9	Diastolic heart failure
Heart failure	428.3	ICD9	Diastolic heart failure
Heart failure	428.31	ICD9	Diastolic heart failure
Heart failure	428.32	ICD9	Diastolic heart failure
Heart failure	428.33	ICD9	Diastolic heart failure
			Combined systolic and diastolic heart
Heart failure	428.4	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.4	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.41	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.42	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.43	ICD9	failure
Heart failure	428.9	ICD9	Heart failure unspecified
Heart failure			Heart failure
Heart failure			Left ventricular failure
Heart failure			Systolic (congestive) heart failure
			Unspecified systolic (congestive) heart
Heart failure	150.20	ICD10	failure
Heart failure			Acute systolic (congestive) heart failure
Heart failure	_		Chronic systolic (congestive) heart failure
	.55.22		Acute on chronic systolic (congestive)
Heart failure	150 23	ICD10	heart failure
rical Clanule	130.23	ICDIO	incure failure

Heart failure	150.3	ICD10	Diastolic (congestive) heart failure
			Unspecified diastolic (congestive) heart
Heart failure	150.30	ICD10	failure
Heart failure	150.31	ICD10	Acute diastolic (congestive) heart failure
Heart failure	150.32	ICD10	Chronic diastolic (congestive) heart failure
			Acute on chronic diastolic (congestive)
Heart failure	150.33	ICD10	heart failure
			Combined systolic (congestive) and
Heart failure	150.4	ICD10	diastolic (congestive) heart failure
			Unspecified combined systolic
			(congestive) and diastolic (congestive)
Heart failure	150.40	ICD10	heart failure
		4	Acute combined systolic (congestive) and
Heart failure	150.41	ICD10	diastolic (congestive) heart failure
			Chronic combined systolic (congestive)
Heart failure	150.42	ICD10	and diastolic (congestive) heart failure
			Acute on chronic combined systolic
			(congestive) and diastolic (congestive)
Heart failure	150.43	ICD10	heart failure
Heart failure	150.8	ICD10	Other heart failure
Heart failure	150.81	ICD10	Right heart failure
Heart failure	I50.810	ICD10	Right ventricular failure NOS
Heart failure	I50.811	ICD10	Acute right heart failure
Heart failure	I50.812	ICD10	Chronic right heart failure
Heart failure	I50.813	ICD10	Acute on chronic right heart failure
			Right ventricular failure secondary to left
Heart failure	150.814	ICD10	ventricular failure
Heart failure	150.82	ICD10	Biventricular heart failure
Heart failure	150.83	ICD10	High output heart failure
Heart failure	150.84	ICD10	Stage D heart failure
Heart failure	150.89	ICD10	Other heart failure
Heart failure	150.9	ICD10	Heart failure
Hypertension	401	ICD9	Essential hypertension
Hypertension	401.1	ICD9	Benign essential hypertension
Hypertension	401.9	ICD9	Hypertension NOS
Hypertension	459.3	ICD9	Chronic venous hypertension (idiopathic)
			Chronic venous hypertension without
Hypertension	459.3	ICD9	complications
Hypertension	459.31	ICD9	Chronic venous hypertension with ulcer

			Chronic venous hypertension with
Hypertension	459.32	ICD9	inflammation
			Chronic venous hypertension with ulcer
Hypertension	459.33	ICD9	and inflammation
71			Chronic venous hypertension with other
Hypertension	459.39	ICD9	complication
Hypertension	642		Hypertension complicating pregnancy
Hypertension	642.04	ICD9	Benign essential hypertension
Hypertension	642.1	ICD9	Hypertension secondary to renal disease
Hypertension	642.1	ICD9	Hypertension secondary to renal disease
Hypertension	642.11	ICD9	Hypertension secondary to renal disease
Hypertension	642.12	ICD9	Hypertension secondary to renal disease
Hypertension	642.13	ICD9	Hypertension secondary to renal disease
Hypertension	642.14	ICD9	Hypertension secondary to renal disease
			Other pre-existing hypertension
Hypertension	642.2	ICD9	complicating pregnancy
			Other pre-existing hypertension
Hypertension	642.2	ICD9	complicating pregnancy
Hypertension	642.21	ICD9	Other pre-existing hypertension
Hypertension	642.22	ICD9	Other pre-existing hypertension
Hypertension	642.23	ICD9	Other pre-existing hypertension
Hypertension	642.24	ICD9	Other pre-existing hypertension
			Unspecified hypertension complicating
Hypertension	642.9	ICD9	pregnancy
			Unspecified hypertension complicating
Hypertension	642.9	ICD9	pregnancy
Hypertension	642.91	ICD9	Unspecified hypertension
Hypertension	642.92	ICD9	Unspecified hypertension
Hypertension	642.93	ICD9	Unspecified antepartum hypertension
Hypertension	642.94	ICD9	Unspecified postpartum hypertension
Hypertension	997.91	ICD9	Hypertension
Hypertension	I10	ICD10	Essential (primary) hypertension
Hypertension	127.0	ICD10	Primary pulmonary hypertension
Hypertension	187.3	ICD10	Chronic venous hypertension (idiopathic)
			Chronic venous hypertension (idiopathic)
Hypertension	187.30	ICD10	without complications
			Chronic venous hypertension (idiopathic)
			without complications of right lower
Hypertension	187.301	ICD10	extremity

Hypertension	197 202	ICD10	Chronic venous hypertension (idiopathic) without complications of left lower extremity
пуреттепзіон	107.302	ICDIO	•
Hypertension	187.303	ICD10	Chronic venous hypertension (idiopathic) without complications of bilateral lower extremity
			Chronic venous hypertension (idiopathic) without complications of unspecified
Hypertension	187.309	ICD10	lower extremity
Hypertension	187.31	ICD10	Chronic venous hypertension (idiopathic) with ulcer
Hypertension	187.311	ICD10	Chronic venous hypertension (idiopathic) with ulcer of right lower extremity
		4	Chronic venous hypertension (idiopathic)
Hypertension	187.312	ICD10	with ulcer of left lower extremity
Hypertension	187.313	ICD10	Chronic venous hypertension (idiopathic) with ulcer of bilateral lower extremity
			Chronic venous hypertension (idiopathic)
Hypertension	187.319	ICD10	with ulcer of unspecified lower extremity
Hypertension	187.32	ICD10	Chronic venous hypertension (idiopathic) with inflammation
Hypertension	187.321	ICD10	Chronic venous hypertension w inflammation of r low extrem
Hypertension	187.322	ICD10	Chronic venous hypertension (idiopathic) with inflammation of left lower extremity
Hypertension	187 323	ICD10	Chronic venous hypertension (idiopathic) with inflammation of bilateral lower extremity
Пурстеплоп	107.323	ICDIO	Chronic venous hypertension w
Hypertension	187.329	ICD10	inflammation of unsp low extrm
Hypertension	187.33		Chronic venous hypertension (idiopathic) with ulcer and inflammation
			Chronic venous hypertension (idiopathic) with ulcer and inflammation of right
Hypertension	187.331	ICD10	lower extremity
	10-01-		Chronic venous hypertension (idiopathic) with ulcer and inflammation of left lower
Hypertension	187.332	ICD10	extremity

Hypertension	187.333	ICD10	Chronic venous hypertension (idiopathic) with ulcer and inflammation of bilateral lower extremity
Hypertension			Chronic venous hypertension (idiopathic) with ulcer and inflammation of unspecified lower extremity
Hypertension			Chronic venous hypertension (idiopathic) with other complications
Hypertension	187.391	ICD10	Chronic venous hypertension w oth comp of r low extrem
Hypertension	187.392	ICD10	Chronic venous hypertension w oth comp of I low extrem
Hypertension	187.393	ICD10	Chronic venous hypertension (idiopathic) with other complications of bilateral lower extremity
Hypertension	187.399	ICD10	Chronic venous hypertension (idiopathic) with other complications of unspecified lower extremity
Hypertension			Pre-existing hypertension complicating pregnancy
Hypertension	010.0	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.01	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.011	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.012	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.013	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.019	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.02	ICD10	Pre-existing essential hypertension complicating childbirth
Hypertension	010.03	ICD10	Pre-existing essential hypertension complicating the puerperium
Hypertension	010.1	ICD10	Pre-existing hypertensive heart disease complicating pregnancy
Hypertension	010.11	ICD10	Pre-existing hypertensive heart disease complicating pregnancy

Hypertension O10.111 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.112 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.113 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.119 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.12 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.13 ICD10 complicating childbirth Pre-existing hypertensive heart disease Hypertension O10.13 ICD10 complicating the puerperium Pre-existing hypertensive chronic kidney Hypertension O10.21 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.211 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.212 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.213 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.213 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.219 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.219 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.21 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.21 ICD10 disease complicating the puerperium Pre-existing hypertensive chronic kidney Hypertension O10.31 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Pre-existing hypertensive heart and chronic kidney				
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Hypertension O10.12 ICD10 complicating childbirth  Pre-existing hypertensive heart disease complicating the puerperium  Pre-existing hypertensive chronic kidney disease complicating pregnancy  Pre-existing hypertensive chronic kidney disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart	nypertension	010.119	ICD10	
Hypertension  O10.21 ICD10 disease complicating pregnancy  Pre-existing hypertensive chronic kidney disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart and chronic	Llumortoroi o -	010.13	ICD40	
Hypertension  O10.21 ICD10 complicating the puerperium  Pre-existing hypertensive chronic kidney disease complicating pregnancy  Pre-existing hypertensive chronic kidney disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart and chronic kidney disease c	nypertension	010.12	ICD10	<u> </u>
Hypertension  O10.21 ICD10 disease complicating pregnancy  Pre-existing hypertensive chronic kidney disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy		010.13	ICD10	<u> </u>
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Hypertension O10.211 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney disease complicating childbirth Pre-existing hypertensive chronic kidney disease complicating the puerperium Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Pre-existing hypertensive heart and chronic kidney disease c	Hyportonsian	010.21	ICD10	<u> </u>
Hypertension O10.211 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney disease complicating childbirth Pre-existing hypertensive chronic kidney disease complicating the puerperium Pre-existing hypertensive heart and chronic kidney disease complicating	nypertension	010.21	ICDIO	
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Hypertension O10.212 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney disease complicating childbirth Pre-existing hypertensive chronic kidney disease complicating the puerperium Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart and chronic kidney disease hypertensive heart and chroni	пурегтензіоп	010.211	ICDIO	
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Hypertension O10.213 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney disease complicating pregnancy Pre-existing hypertensive chronic kidney disease complicating childbirth Pre-existing hypertensive chronic kidney disease complicating childbirth Pre-existing hypertensive chronic kidney disease complicating the puerperium Pre-existing hypertensive heart and chronic kidney disease complicating	riyperterision	010.212	ICDIO	
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Hypertension  O10.22 ICD10 disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy	Hypertension	010 210	ICD10	
Hypertension  O10.22 ICD10 disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating	пурепензин	010.219	ICDIO	
Hypertension  O10.23 ICD10 disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating  Hypertension  O10.3 ICD10 pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating	Hypertension	010 22	ICD10	- 7.
Hypertension O10.23 ICD10 disease complicating the puerperium Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension O10.3 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension O10.31 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension O10.311 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension Pre-existing hypertensive heart and chronic kidney disease complicating	турстствоп	010.22	10010	
Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart and chronic kidney disease complicating	Hypertension	010.23	ICD10	
Chronic kidney disease complicating Hypertension  O10.3 ICD10 pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension  O10.31 ICD10 pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension  O10.311 ICD10 pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating  Pre-existing hypertensive heart and chronic kidney disease complicating	турстспаюн	010.23	10010	
Hypertension O10.3 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension O10.31 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension O10.311 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Pre-existing hypertensive heart and chronic kidney disease complicating				
Hypertension O10.31 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating	Hypertension	010.3	ICD10	,
Hypertension O10.31 ICD10 pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating  Hypertension O10.311 ICD10 pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating  Pre-existing hypertensive heart and chronic kidney disease complicating	11,00. (01101011	010.0	. 32 10	
Hypertension O10.31 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Pre-existing hypertensive heart and chronic kidney disease complicating Pre-existing hypertensive heart and chronic kidney disease complicating				<u> </u>
Pre-existing hypertensive heart and chronic kidney disease complicating Hypertension O10.311 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating	Hypertension	010.31	ICD10	
chronic kidney disease complicating Hypertension O10.311 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating				
Hypertension O10.311 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating				
Pre-existing hypertensive heart and chronic kidney disease complicating	Hypertension	010.311	ICD10	
chronic kidney disease complicating				
Hypertension O10.312 ICD10 pregnancy				<u> </u>
	Hypertension	010.312	ICD10	pregnancy

			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.313	ICD10	pregnancy
			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.319	ICD10	pregnancy
			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.32	ICD10	childbirth
			Pre-existing hypertensive heart and
			chronic kidney disease complicating the
Hypertension	010.33	ICD10	puerperium
			Pre-existing secondary hypertension
Hypertension	010.4	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.41	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.411	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.412	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.413	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.419	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.42	ICD10	complicating childbirth
			Pre-existing secondary hypertension
Hypertension	010.43	ICD10	complicating the puerperium
			Unspecified pre-existing hypertension
Hypertension	010.9	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.91	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.911	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.912	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.913	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.919	ICD10	complicating pregnancy

			Unspecified pre-existing hypertension
Hypertension	010 92	ICD10	complicating childbirth
riypertension	010.92	ICDIO	<u> </u>
Hyportonsion	010 02	ICD10	Unspecified pre-existing hypertension complicating the puerperium
Hypertension	010.93	ICDIO	
			Gestational [pregnancy-induced]
Hypertension	013	ICD10	hypertension without significant proteinuria
riypertension	013	ICDIO	
			Gestational [pregnancy-induced] hypertension without significant
Hypertension	013.1	ICD10	proteinuria
Пурстеплоп	013.1	ICDIO	Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.2	ICD10	proteinuria
турстспэюп	013.2	10010	Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.3	ICD10	proteinuria
Hypertension			Gestatnl htn without significant protein
Hypertension			Gestatrii htti without significant protein
Пурстеплоп	013.3	ICDIO	Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.9	ICD10	proteinuria
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Stroke	430		Subarachnoid hemorrhage
Stroke	430		Subarachnoid hemorrhage **
Stroke	431		Intracerebral hemorrhage
Stroke	431		Intracerebral hemorrhage **
	.52	. 32 3	Other and unspecified intracranial
Stroke	432	ICD9	hemorrhage
Stroke	432		Nontraumatic extradural hemorrhage
Stroke	432.1		Subdural hemorrhage
Stroke	432.9		Unspecified intracranial hemorrhage
			Occlusion and stenosis of precerebral
Stroke	433	ICD9	arteries
		_	

s		10-1	
Stroke	433		Occlusion and stenosis of basilar artery
Stroke	433.01		Occlusion and stenosis of basilar artery
Stroke	433.1	ICD9	Occlusion and stenosis of carotid artery
Stroke	433.1	ICD9	Occlusion and stenosis of carotid artery
Stroke	433.11	ICD9	Occlusion and stenosis of carotid artery
Stroke	433.2	ICD9	Occlusion and stenosis of vertebral artery
Stroke	433.2	ICD9	Occlusion and stenosis of vertebral artery
Stroke	433.21	ICD9	Occlusion and stenosis of vertebral artery
			Occlusion and stenosis of multiple and
Stroke	433.3	ICD9	bilateral precerebral arteries
		4	Occlusion and stenosis of multiple and
Stroke	433.3	ICD9	bilateral precerebral arteries
			Occlusion and stenosis of multiple and
Stroke	433.31	ICD9	bilateral precerebral arteries
			Occlusion and stenosis of other specified
Stroke	433.8	ICD9	precerebral artery
			Occlusion and stenosis of other specified
Stroke	433.8	ICD9	precerebral artery
			Occlusion and stenosis of other specified
Stroke	433.81	ICD9	precerebral artery
			Occlusion and stenosis of unspecified
Stroke	433.9	ICD9	precerebral artery
			Occlusion and stenosis of unspecified
Stroke	433.9	ICD9	precerebral artery
Stroke	433.91		Unspecified precerebral artery
Stroke	434		Occlusion of cerebral arteries
Stroke	434	ICD9	Cerebral thrombosis
Stroke	434		Cerebral thrombosis
Stroke	434.01		Cerebral thrombosis
Stroke	434.1		Cerebral embolism
Stroke	434.1		Cerebral embolism
Stroke	434.11		Cerebral embolism
Stroke	434.9		Cerebral artery occlusion
Stroke	434.9		Cerebral artery occlusion
Stroke	434.91		Cerebral artery occlusion
	12.1.5.1		Other generalized ischemic
Stroke	437.1	ICD9	cerebrovascular disease
	137.1	.003	CO. C.D. O VOJCOIGI GIJCOJC

163	ICD10	Cerebral infarction
		Cerebral infarction due to cerebral venous
163.6	ICD10	
		Cerebral infarction due to embolism of
163.42	ICD10	anterior cerebral artery
		Cerebral infarction due to embolism of
I63.12	ICD10	basilar artery
		Cerebral infarction due to embolism of
163.113	ICD10	bilateral vertebral arteries
		Cerebral infarction due to embolism of
163.13	ICD10	carotid artery
		Cerebral infarction due to embolism of
163.44	ICD10	cerebellar artery
		Cerebral infarction due to embolism of
163.4	ICD10	cerebral arteries
		Cerebral infarction due to embolism of
163.422	ICD10	left anterior cerebral artery
		Cerebral infarction due to embolism of
163.132	ICD10	left carotid artery
160 110	10540	Cerebral infarction due to embolism of
163.442	ICD10	
162 442	10040	Cerebral infarction due to embolism of
163.412	ICDIO	left middle cerebral artery
162 422	ICD10	Cerebral infarction due to embolism of
163.432	ICDIO	left posterior cerebral artery
162 112	ICD10	Cerebral infarction due to embolism of
103.112		Cerebral infarction due to embolism of
163 //1		middle cerebral artery
103.41	ICDIO	Cerebral infarction due to embolism of
163 49	ICD10	other cerebral artery
103.73	.5510	Cerebral infarction due to embolism of
163.19	ICD10	other precerebral artery
	. 55 10	Cerebral infarction due to embolism of
163.43	ICD10	posterior cerebral artery
		Cerebral infarction due to embolism of
163.1	ICD10	precerebral arteries
		Cerebral infarction due to embolism of
163.421	ICD10	right anterior cerebral artery
	I63.6   I63.42   I63.113   I63.13   I63.44   I63.422   I63.432   I63.412   I63.412   I63.412   I63.412   I63.412   I63.413	I63.6   ICD10     I63.42   ICD10     I63.13   ICD10     I63.13   ICD10     I63.44   ICD10     I63.42   ICD10     I63.42   ICD10     I63.412   ICD10     I63.412   ICD10     I63.412   ICD10     I63.412   ICD10     I63.413   ICD10     I63.414   ICD10     I63.415   ICD10     I63.416   ICD10     I63.417   ICD10     I63.418   ICD10   ICD10     I63.418   ICD10   ICD10

Stroke	162 121	ICD10	Cerebral infarction due to embolism of right carotid artery
Stroke	105.151	ICDIO	
Ctroko	162 441	ICD10	Cerebral infarction due to embolism of
Stroke	103.441	ICDIO	right cerebellar artery
Chualta	162 411	ICD10	Cerebral infarction due to embolism of
Stroke	163.411	ICDIO	right middle cerebral artery
	162.424	10040	Cerebral infarction due to embolism of
Stroke	163.431	ICD10	right posterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.111	ICD10	right vertebral artery
			Cerebral infarction due to embolism of
Stroke	163.429	ICD10	unspecified anterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.139	ICD10	unspecified carotid artery
			Cerebral infarction due to embolism of
Stroke	163.449	ICD10	unspecified cerebellar artery
			Cerebral infarction due to embolism of
Stroke	163.40	ICD10	unspecified cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.419	ICD10	unspecified middle cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.439	ICD10	unspecified posterior cerebral artery
			Cerebral infarction due to embolism of
Stroke	163.10	ICD10	unspecified precerebral artery
			Cerebral infarction due to embolism of
Stroke	163,119	ICD10	unspecified vertebral artery
- CHOKE	1001223	10210	Cerebral infarction due to embolism of
Stroke	163 11	ICD10	vertebral artery
Stroke	103.11	ICDIO	Cerebral infarction due to thrombosis of
Stroke	162.22	ICD10	
Stroke	105.52	ICDIO	anterior cerebral artery
Charles	162.02	10010	Cerebral infarction due to thrombosis of
Stroke	163.02	ICD10	basilar artery
		105 1 -	Cerebral infarction due to thrombosis of
Stroke	163.03	ICD10	carotid artery
			Cerebral infarction due to thrombosis of
Stroke	163.34	ICD10	cerebellar artery
			Cerebral infarction due to thrombosis of
Stroke	163.3	ICD10	cerebral arteries
			Cerebral infarction due to thrombosis of
Stroke	163.322	ICD10	left anterior cerebral artery

Stroke	163.30	ICD10	unspecified cerebral artery
			Cerebral infarction due to thrombosis of
Stroke	163.349	ICD10	Cerebral infarction due to thrombosis of unspecified cerebellar artery
Stroke	163.039	ICD10	unspecified carotid artery
			Cerebral infarction due to thrombosis of
Stroke	163.329	ICD10	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery
Stroke	l63.011	ICD10	Cerebral infarction due to thrombosis of right vertebral artery
Stroke	163.331	ICD10	right posterior cerebral artery
Stroke	I63.311	ICD10	right middle cerebral artery  Cerebral infarction due to thrombosis of
Stroke	163.341	ICD10	right cerebellar artery  Cerebral infarction due to thrombosis of
			Cerebral infarction due to thrombosis of
Stroke	163.031	ICD10	Cerebral infarction due to thrombosis of right carotid artery
Stroke	l63.321	ICD10	Cerebral infarction due to thrombosis of right anterior cerebral artery
Stroke	163.0	ICD10	Cerebral infarction due to thrombosis of precerebral arteries
Stroke	163.33	ICD10	posterior cerebral artery
- C. OKC	103.03	10010	Cerebral infarction due to thrombosis of
Stroke	163 09	ICD10	Cerebral infarction due to thrombosis of other precerebral artery
Stroke	163.39	ICD10	other cerebral artery
		,	Cerebral infarction due to thrombosis of
Stroke	163.31	ICD10	Cerebral infarction due to thrombosis of middle cerebral artery
Stroke	163.012	ICD10	left vertebral artery
Stroke	103.332	ICDIO	left posterior cerebral artery  Cerebral infarction due to thrombosis of
Ctraka	162 222	ICD10	Cerebral infarction due to thrombosis of
Stroke	163.312	ICD10	left middle cerebral artery
			Cerebral infarction due to thrombosis of
Stroke	163.342	ICD10	left cerebellar artery
- Stroke	103.032	10010	Cerebral infarction due to thrombosis of
Stroke	163 032	ICD10	Cerebral infarction due to thrombosis of left carotid artery

		ī	
Stroke	163 319	ICD10	Cerebral infarction due to thrombosis of unspecified middle cerebral artery
Stroke	103.313	ICDIO	Cerebral infarction due to thrombosis of
Stroke	162 220	ICD10	unspecified posterior cerebral artery
Stroke	103.339	ICDIO	
Chualca	163.00	ICD10	Cerebral infarction due to thrombosis of
Stroke	163.00	ICDIO	unspecified precerebral artery
c. I	162.040	10040	Cerebral infarction due to thrombosis of
Stroke	163.019	ICD10	unspecified vertebral artery
	A		Cerebral infarction due to thrombosis of
Stroke	163.01	ICD10	vertebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of anterior cerebral
Stroke	163.52	ICD10	artery
		4	Cerebral infarction due to unspecified
Stroke	163.22	ICD10	occlusion or stenosis of basilar arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral anterior
Stroke	163.523	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral carotid
Stroke	163.233	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral
Stroke	163.543	ICD10	cerebellar arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral middle
Stroke	163.513	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral posterior
Stroke	163.533	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral vertebral
Stroke	163.213	ICD10	arteries
			Cerebral infarction due to unspecified
Stroke	163.23	ICD10	occlusion or stenosis of carotid arteries
	1 22.20		Cerebral infarction due to unspecified
Stroke	163.54	ICD10	occlusion or stenosis of cerebellar artery
	.00.54	.0510	Cerebral infarction due to unspecified
Stroke	163 5	ICD10	occlusion or stenosis of cerebral arteries
SHOKE	103.5	ICDIO	occiusion or stemosis of cerebral arteries

	<b>I</b>		
			Cerebral infarction due to unspecified
			occlusion or stenosis of left anterior
Stroke	163.522	ICD10	cerebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of left carotid
Stroke	163.232	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of left cerebellar
Stroke	163.542	ICD10	artery
			Cerebral infarction due to unspecified
•			occlusion or stenosis of left middle
Stroke	163.512	ICD10	cerebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of left posterior
Stroke	163.532	ICD10	cerebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of left vertebral
Stroke	163.212	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of middle cerebral
Stroke	163.51	ICD10	artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of other cerebral
Stroke	163.59	ICD10	artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of other precerebral
Stroke	163.29	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of posterior cerebral
Stroke	163.53	ICD10	
			Cerebral infarction due to unspecified
			occlusion or stenosis of precerebral
Stroke	163.2	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of right anterior
Stroke	163.521	ICD10	cerebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of right carotid
Stroke	163.231	ICD10	arteries
	.55.251		

Stroke	163.423	ICD10	cerebral arteries
Suoke	103.9	ICDIO	Cerebral infarction  Cerebral infrc due to embolism of bi ant
Stroke Stroke	163.21		occlusion or stenosis of vertebral arteries Cerebral infarction
Stroko	162.21	ICD10	Cerebral infarction due to unspecified
Stroke	163.219	ICD10	occlusion or stenosis of unspecified vertebral arteries
	.55.20	.3210	Cerebral infarction due to unspecified
Stroke	163.20	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries
Stroke	163.539	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery
Stroke	163.519	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery
Stroke	163.50	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery
Stroke	163.549	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery
Stroke	163.239	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries
Stroke	163.529	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery
Stroke	163.211	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral arteries
Stroke	l63.531	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery
Stroke	l63.511	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
Stroke	163.541	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery

			Cerebral infrc due to embolism of bi
Stroke	163.413	ICD10	middle cerebral art
			Cerebral infrc due to embolism of bi post
Stroke	163.433	ICD10	cerebral arteries
			Cerebral infrc due to embolism of
Stroke	163.133	ICD10	bilateral carotid arteries
			Cerebral infrc due to embolism of
Stroke	163.443	ICD10	bilateral cereblr arteries
			Cerebral infrc due to thombos of bi ant
Stroke	163.323	ICD10	cerebral arteries
			Cerebral infrc due to thombos of bi middle
Stroke	163.313	ICD10	cerebral arteries
			Cerebral infrc to thombos of bi posterior
Stroke	163.333	ICD10	cerebral arteries
			Cerebral infrc to thrombosis of bilateral
Stroke	163.343	ICD10	cereblr arteries
Stroke	163.8	ICD10	Other cerebral infarction
Stroke	l61	ICD10	Nontraumatic intracerebral hemorrhage
			Nontraumatic intracerebral hemorrhage
Stroke	161.3	ICD10	in brain stem
			Nontraumatic intracerebral hemorrhage
Stroke	161.4	ICD10	in cerebellum
			Nontraumatic intracerebral hemorrhage
Stroke	161.1	ICD10	in hemisphere
			Nontraumatic intracerebral hemorrhage
Stroke	161.0	ICD10	in hemisphere
			Nontraumatic intracerebral hemorrhage
Stroke	161.2	ICD10	in hemisphere
Stroke	I61.5	ICD10	Nontraumatic intracerebral hemorrhage
Stroke	I61.6	ICD10	Nontraumatic intracerebral hemorrhage
Stroke	l61.9	ICD10	Nontraumatic intracerebral hemorrhage
			Other nontraumatic intracerebral
Stroke	161.8	ICD10	hemorrhage
Stroke	167.81	ICD10	Acute cerebrovascular insufficiency

# STROBE 2007 (v4) checklist of items to be included in reports of observational studies in epidemiology\* Checklist for cohort, case-control, and cross-sectional studies (combined)

Section/Topic	Item#	Recommendation	Reported on page #
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract	1
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	3
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	3
Objectives	3	State specific objectives, including any pre-specified hypotheses	3
Methods			
Study design	4	Present key elements of study design early in the paper	4
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	4
Participants	6	(a) Cohort study—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up  Case-control study—Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls  Cross-sectional study—Give the eligibility criteria, and the sources and methods of selection of participants	4
		(b) Cohort study—For matched studies, give matching criteria and number of exposed and unexposed Case-control study—For matched studies, give matching criteria and the number of controls per case	4
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	5
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	4
Bias	9	Describe any efforts to address potential sources of bias	4
Study size	10	Explain how the study size was arrived at	4
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	4
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	4
		(b) Describe any methods used to examine subgroups and interactions	5
		(c) Explain how missing data were addressed	NA
		(d) Cohort study—If applicable, explain how loss to follow-up was addressed  Case-control study—If applicable, explain how matching of cases and controls was addressed	NA

		Cross-sectional study—If applicable, describe analytical methods taking account of sampling strategy	
		(e) Describe any sensitivity analyses	NA
Results	<u>'</u>		
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed	5
		(b) Give reasons for non-participation at each stage	NA
		(c) Consider use of a flow diagram	NA
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	5
		(b) Indicate number of participants with missing data for each variable of interest	5
		(c) Cohort study—Summarise follow-up time (eg, average and total amount)	5
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time	
		Case-control study—Report numbers in each exposure category, or summary measures of exposure	5
		Cross-sectional study—Report numbers of outcome events or summary measures	
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	10-19
		(b) Report category boundaries when continuous variables were categorized	10-19
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	NA
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	NA
Discussion	· ·		
Key results	18	Summarise key results with reference to study objectives	7-9
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	8-9
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	9
Generalisability	21	Discuss the generalisability (external validity) of the study results	9
Other information			
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	2

<sup>\*</sup>Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at http://www.plosmedicine.org/, Annals of Internal Medicine at http://www.annals.org/, and Epidemiology at http://www.epidem.com/). Information on the STROBE Initiative is available at www.strobe-statement.org.

# **BMJ Open**

# Retrospective Cohort Study of Clinical Characteristics of 2,199 Hospitalized COVID-19 Patients in New York City

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**Title**: Retrospective Cohort Study of Clinical Characteristics of 2,199 Hospitalized COVID-19 Patients in New York City

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### **ABSTRACT**

## Objective:

The coronavirus 2019 (COVID-19) pandemic is a global public health crisis, with over 33 million cases and 999,000 deaths worldwide. Data are needed regarding the clinical course of hospitalized patients, particularly in the United States.

We aimed to compare clinical characteristic of COVID-19 patients who had in-hospital mortality with those who were discharged alive.

**Design:** Demographic, clinical, and outcomes data for patients admitted to five Mount Sinai Health System hospitals with confirmed COVID-19 between February 27 and April 2, 2020 were identified through institutional electronic health records. We performed a retrospective comparative analysis of patients who had in-hospital mortality or were discharged alive.

# Setting:

All patients were admitted to the Mount Sinai Health System, a large quaternary care urban hospital system.

#### Participants:

Participants over the age of 18 years were included.

# **Primary Outcomes:**

We investigated in-hospital mortality during the study period.

#### Results

A total of 2,199 patients with COVID-19 were hospitalized during the study period. As of April 2<sup>nd</sup>, 1,121 (51%) patients remained hospitalized, and 1,078 (49%) completed their hospital course. Of the latter, the overall mortality was 29%, and 36% required intensive care. The median age was 65 years overall and 75 years in those who died. Preexisting conditions were present in 65% of those who died and 46% of those discharged. In those who died, the admission median lymphocyte percentage was 11.7%, D-dimer was 2.4 ug/ml, C-reactive protein was 162 mg/L, and procalcitonin was 0.44 ng/mL. In those discharged, the admission median lymphocyte percentage was 16.6%, D-dimer was 0.93 ug/ml, C-reactive protein was 79 mg/L, and procalcitonin was 0.09 ng/mL.

#### **Conclusions**

In our cohort of hospitalized patients, requirement of intensive care and mortality were high. Patients who died typically had more pre-existing conditions and greater perturbations in inflammatory markers as compared to those who were discharged.

# Strengths and limitations of this study:

- Our cohort includes greater racial diversity as compared to previously published work
- Largest hospitalized cohort of COVID-19 patients in New York City
- Limited by lack of access to clinical notes
- Our study is limited by the short followup time period
- Our study is limited by high censoring rate

#### INTRODUCTION

The Coronavirus disease (COVID-19) pandemic, caused by severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2), has held the world at a standstill with its virulence. As of September 28, 2020, over 33 million people have been affected, and more than 999,000 patients have died worldwide<sup>1</sup>. In addition to being highly contagious, the disease manifestations and clinical course are variable, spanning from asymptomatic status to severe acute respiratory distress syndrome with multiorgan failure and death<sup>2,3</sup>, acute kidney injury<sup>4,5</sup>, acute myocardial injury<sup>6</sup>, and coagulopathy<sup>7–11</sup>

Reports from China and Italy provided early data on disease presentation and management<sup>12–14</sup> but also revealed varying geographic disease expressions. Nearly one-third of the world's cases are now in the United States (US), and with nearly one-

third of those cases located in New York, it represents the current epicenter of the COVID-19 pandemic<sup>15</sup>.

As the number of cases continues to climb, hospitals are being stretched well-beyond capacity while facing challenges of insufficient personal protective equipment (PPE), ventilators, and workforce. Thus, understanding the clinical course of hospitalized COVID-19 patients is critical not only for providing optimal patient care but also to inform resource management in other locations across the US likely to experience similar case surges<sup>16</sup>. Data specifically examining differences in admission laboratory data in patients who died as compared to those who were ultimately discharged is lacking.

The Mount Sinai Healthcare System (MSHS) is the largest academic health system in New York City and serves as an ideal platform to better understand the evolving landscape of COVID-19 across a diverse population. Here, we present the largest case series of patients hospitalized with laboratory confirmed COVID-19 to date in the US.

#### **METHODS**

#### **Patient involvement**

Patients and the public were not directly involved in the study design or implementation.

# **Study Population**

The MSHS serves a large, racially and ethnically diverse patient population. In this study, patient data came from 5 major hospitals: the Mount Sinai Hospital located in East Harlem, Manhattan; Mount Sinai Morningside located in Morningside Heights, Manhattan; Mount Sinai West located in Midtown and the West Side, Manhattan; Mount Sinai Brooklyn located in Midwood, Brooklyn; and Mount Sinai Queens located in Astoria, Queens. We included patients who were at least 18 years old, had a laboratory-confirmed COVID-19 infection, and were admitted to any of the aforementioned 5 MSHS hospitals between February 27 and 12 a.m. April 2, 2020 (time of data freeze). A confirmed case of COVID-19 was defined by a positive reverse transcriptase polymerase chain reaction (RT-PCR) assay of a specimen collected via nasopharyngeal swab. The Mount Sinai Institutional Review Board approved this research under a broad regulatory protocol allowing for analysis of limited patient-level data.

## **Detection of Viral RNA**

Nasopharyngeal swab specimens were taken from all patients and placed in 120-140  $\mu L$  viral transport media (VTM). Ribonucleic acid (RNA) was purified from specimens using either the Qiacube Connect (Qiagen), QIAamp Viral RNA mini kit (Qiagen), or the EZ1 DSP Virus kit (Qiagen). SARS-CoV-2 RNA was detected using the qualitative cobas® SARS-CoV-2 kit using the cobas® 6800 system. For detection, a two-target reverse transcriptase polymerase chain reaction (RT-PCR) using 1) SARS-CoV-2 specific primers and 2) pan-sarbecovirus primers as included in the cobas® master mix. All assays were performed in a CLIA certified high complexity laboratory at the Mount Sinai Health System.

#### **Data Collection**

The dataset was obtained from different sources and aggregated by the New York Covid Informatics Taskforce (NYCIT) (Further description of NYCIT is provided in Supplementary Material). We obtained demographics, diagnosis codes (International Classification of Diseases-9/10-Clinical Modification (ICD-9/10-CM) codes and procedures, as well as vital signs and laboratory measurements during hospitalization. Demographics included age, sex, and language, as well as race and ethnicity in the electronic health records. Racial groups included White, Black or African American, Asian, Pacific Islander, Other, and Unknown. Ethnic groups included Non-Hispanic/Latino, Hispanic/Latino, or Unknown. All vital signs and laboratory values were obtained as part of indicated clinical care.

# **Definitions of Pre-existing Conditions**

We defined a pre-existing condition as the presence of diagnosis codes associated with specific diseases. Diagnoses and corresponding ICD codes are provided in **Supplemental Table 1.** 

#### **Definitions of Outcomes**

We assessed in-hospital mortality and admission to intensive care.

# **Statistical Analysis**

Results are reported as medians and interquartile ranges or means and standard deviations, as appropriate. Categorical variables were summarized as counts and percentages. Statistical significance was evaluated using a Wilcoxon test for continuous variables and a Fisher-exact test for categorical variables. We visualized length of stay (LOS) using a cumulative incidence function with competing risks for mutually exclusive events of in-hospital mortality or discharge. Patients who were still hospitalized at the time of data freeze were regarded as having a censored LOS. We assumed censored observations from patients with ongoing hospitalization will not exceed the longest LOS in our dataset when calculating the restricted mean LOS. No imputation was made for missing data. Analysis was performed with R<sup>17</sup>.

# **Data Availability**

Please contact authors for information on data availability.

### **RESULTS**

A consort diagram of included patients and outcomes is depicted in **Supplementary Figure 1**.

## **Demographic and Clinical Characteristics**

From February 27 to April 2, 2020, 2,199 COVID-19 positive patients were hospitalized at one of five MSHS New York City hospitals. At the time of writing this report, 1,121 (51%) patients remained hospitalized and 1,078 (49%) completed their hospital course,

with 768 discharges and 310 deaths. **Figure 1** details the number of patients admitted to the hospital per day and the total number of patients admitted cumulatively over time. During the study period, the trend of hospital admissions per day consistently increased.

Patient demographics, pre-existing conditions as well as vital signs and laboratory values at the time of admission are displayed in Table 1. Median age was 65 years with only 3% of patients less than 30 years and 36% over 70 years. The proportion of men was higher (59%) than women (41%) and 25% had their race identified as White, 25% as African American, and 3% as Asian. One quarter of the population has their ethnicity identified as Hispanic/Latino. More than half of the population had at least one pre-existing condition. Specifically, 37% presented with a history of hypertension, 27% with diabetes mellitus, 16% with coronary artery disease, 10% with heart failure and 9% with chronic kidney disease.

# Laboratory Results and Vital Signs at Presentation

Overall, 1,558 (71%) of patients were admitted through the emergency department. On hospital admission, 39% of all patients were tachycardic and 88% of all patients were febrile (**Table 1**). The median white blood cell count was 7 K/uL and lymphocyte percentage was 13.8. The median serum creatinine was 1 mg/dL. Select inflammatory markers performed in subsets of patients in accordance with clinical indication were markedly elevated on admission (**Table 1**). Specifically, the median C-reactive protein (CRP) was 110 mg/L, lactate dehydrogenase (LDH) was 416 U/L, and ferritin was 714 ng/L. Over one-quarter of patients (28%) had a procalcitonin level above 0.49 ng/mL, and nearly half of patients (46%) had a procalcitonin level less than 0.15 ng/mL. The median D-dimer was 1.31 ug/mL; one-third of patients (33%) had a D-dimer greater than 2 ug/mL.

The frequencies of otherwise non-routine laboratory assessments ordered on day of admission increased over time and are shown in **Supplementary Figure 2.** In contrast, hemoglobin, a routinely measured clinical lab value, was ordered at admission in the majority of patients without variation over the study period.

#### Clinical Outcomes

Due to the unknown future clinical course of those patients hospitalized at the time of data freeze, below we present clinical characteristics of only those patients who had completed their hospital course. A total of 1,078 COVID-19 confirmed hospitalized patients completed their hospital course (died or discharged alive) by the date of data freeze on April 02, 2020. Of these, 768 (71%) were discharged and 310 (29%) died in the hospital. Estimates for mortality and need for ICU admissions over time are displayed in **Figure 2**.

The median LOS was 7.7 days, accounting for censoring of patients with ongoing hospitalization. By the mean LOS (10.5 days), 45% of patients had been discharged, 17% had died, and 38% were still hospitalized (**Figure 2**). Demographics and admission laboratory measurements for patients who completed their hospital course are displayed in **Table 2**, stratified by mortality. The median age was significantly greater in

those who died as compared to those who were discharged (75 years vs 59 years; p<0.001). Pre-existing conditions were present in 64% of those who died and 46% of those discharged. We observed a significantly greater prevalence of diabetes (34% vs 20%; p=0.004), chronic obstructive pulmonary disease (9% vs 4%; p=0.002), heart failure (21% vs 7%; p<0.001), stroke (10% vs 5%; p=0.004), and hypertension (45% vs 30%; p<0.001) in those who died as compared to those who were discharged. Prevalence of other comorbidities are provided in **Table 2**.

We present key laboratory markers at the time of hospital admission in subsets of patients for whom they were measured. Patients who died had a significantly lower median lymphocyte percentage (11.7% vs 16.6%; p <0.001) and greater aspartate aminotransferase (AST) (58.5 U/L vs 36; p <0.001), CRP (162 mg/L vs 79; p <0.001), ferritin (798 ng/L vs 509 ng/L; p <0.001), LDH (517 U/L vs 347 U/L; p<0.001), and procalcitonin (0.44 ng/mL vs 0.09 ng/mL; p<0.001) as compared to those who were discharged (**Table 2**). We also observed a significant elevation in D-Dimer (56% >2.0 ug/mL vs 21 % >2.0 ug/mL; p<0.001) in those who died as compared to those who were discharged.

# Patients Requiring ICU Admission

Of the 1,078 patients who completed their hospital course, 385 (36%) required intensive care during their hospital stay. For these patients, vital signs and laboratory values immediately before transfer to intensive care are displayed in **Table 3**, stratified by mortality outcome. Immediately before their ICU admission, patients who died were more likely to be tachycardiac (38% vs 19%; p <0.001) and hypotensive (22% vs 4%; p <0.001) as compared to those who were ultimately discharged. We also observed that patients who died had a lower median lymphocyte percentage (9.6% vs 16.6%) and greater serum creatinine (1.5 mg/dL vs 0.6 mg/dL; p<0.001), AST (62 U/L vs 35; p<0.001), CRP (220 mg/L vs 76 mg/L; p<0.001), ferritin (920 ng/L vs 503; p<0.001), procalcitonin greater than 0.49 mg/mL (59% vs 10%; p<0.001), LDH (513 U/L vs 333 U/L; p<0.001), CK (659 U/L vs 146; p<0.001) and D-dimer greater than 2 ug/mL (63%vs 22%; p<0.001) as compared to those who were discharged (**Table 3**).

## Outcomes by Race

Including all individuals (N= 2199), we then investigated survival probability stratified self-reported race and ethnicity by fitting a Cox proportional hazards model adjusted for age and sex (**Supplementary Figure 3**). As compared to White individuals, we did not find a significant association of survival with self-reported Black (HR = 0.88; p = 0.37), or other race (HR = 1.12; p = 0.45). We also did not find a significant association of survival with Hispanic ethnicity (HR = 1.10; p = 0.50).

# **DISCUSSION**

The COVID-19 pandemic represents the greatest public health emergency in the modern world. Limited data, especially in the US, exists to guide clinical care, resource

management, and risk stratification in hospitalized patients. Our study is of the case series of patients reported with confirmed COVID-19 in the US. Previous reports were either from other countries, examined smaller cohorts, or were focused on critically ill patients 13,14,18–23. The present report provides a broad perspective on patients admitted with COVID-19 in both general medicine ward and intensive care settings. Our study presents key clinical differences from laboratory data available at time of admission and thus would aid clinical management decision-making early in the hospital course. Additionally, our health system serves a unique population representative of the ethnic and socioeconomic diversity seen in both New York City and across the United States.

We highlight several key findings. Among the 1,078 patients who completed their hospital course (discharge or in-hospital death), the overall mortality rate was 29% and 31% in patients who received ICU care. The overall case fatality rate likely represents an overestimation of the true disease mortality rate since patients who remained hospitalized at the date of data freeze were not included in this calculation. The mortality rate in intensive care is lower than previously described 13,23-25 and may be reflective of early care escalation.

We observed that patients who died had a significantly higher median age with significantly more pre-existing conditions than those who were discharged. Though 25% of patients were febrile on admission, this may be an underestimation due to possible antipyretic use and/or selection bias. A substantial proportion of patients with COVID-19 displayed abnormal laboratory measurements at the time of admission. These included lymphopenia and elevated inflammatory markers such as D-dimer, CRP, LDH, and ferritin. These trends persisted among those who died and/or received intensive care, both on admission and at the time of ICU transfer. If formal epidemiologic analyses confirm these observations, early laboratory evaluation may be crucial in identifying patients suspected for COVID-19 prior to RT-PCR test result. It may also aid clinicians in identifying patients at high risk of decompensation, ICU admission, and potentially even death. Early identification of high-risk patients could enable timely patient triage and improved resource allocation. Additional work is needed to develop real-time, accurate predictive models for risk stratification in COVID-19, particularly to elucidate the clinical utility of specific laboratory measurements.

Han et al. found a significant association of serum lactate dehydrogenase and creactive protein with COVID-19 severity in patients from China<sup>26</sup>. As the number of cases rose quickly in New York City, MSHS hospitals served as early adopters, creating a COVID-19 order set in our EHR to streamline objective data gathering, facilitate more cohesive workflow amongst team members, and minimize ancillary staff exposure by completing all necessary admission labs at one time. This laboratory order set included serum D-dimer, C-reactive protein, procalcitonin, ferritin, and lactate dehydrogenase. In turn, we observed an increase in these orders from the first day of admission over the study period (**Supplementary Figure 2**). Given the abnormalities observed in patients who died, these laboratory measurements may be prognostic markers of disease severity or subsequent clinical course, although this requires further investigation. If

confirmed, other health systems expecting impending case surges may consider similar workflows to promote improved healthcare delivery to affected patients.

We found a significantly higher procalcitonin level in individuals who died as compared to those who were discharged alive. Moreover, of the 2,199 individuals in the study, 28% had a procalcitonin greater than 0.49. In the context of COVID-19, an elevated procalcitonin may signify a superimposed bacterial infection, but may also be a marker of acute respiratory distress syndrome or a result of upregulated cytokine production secondary to respiratory failure. Additionally, we found that individuals who died in the ICU had higher procalcitonin levels, supporting previous work demonstrating that patients with more severe COVID-19 infections have higher procalcitonin levels<sup>22,27</sup>.

The clinical characteristics of our cohort were largely similar to other large cohorts of COVID-19 patients from China<sup>2,22</sup> and Italy. Specifically, patients in our dataset were elderly and had a male predominance, similar to previous reports. There was also a high prevalence of comorbid conditions, including hypertension and diabetes mellitus. Similar to an early report from Wuhanz, patients largely had a normal procalcitonin at admission, but individual requiring ICU care had a higher procalcitonin level. However, as compared studies from Wuhan, China<sup>22</sup> and Genoa, Italy<sup>14</sup>, and New York City<sup>28</sup>, our cohort had a significantly lower prevalence of lymphopenia at admission.

Our study should be considered in light of several limitations. Since COVID-19 testing is frequently repeated in hospitalized patients and initial testing may result in false negatives, we are unable to determine whether patients developed their infection during or before hospital admission. Furthermore, COVID-19 has a variable incubation period of approximately 8-15 days<sup>29</sup>, and patients may present to the hospital several days after initial infection or the onset of symptoms. Thus, we are unable to determine patients' disease duration. Additionally, we separated discharged patients from those who died, but some patients may have expired after discharge. This could affect our listed case mortality rate. Our study is also confined by the inherent limitations (e.g. biases) of EHR data. Although utilizing structured EHR data allows for rapid integration of multiple data streams and real-time analysis, data present only in clinical note text. such as symptoms on presentation are missed. Additionally, symptoms present before the time of admission were not included. We chose not to perform comprehensive manual chart review to prioritize timely dissemination of our observations. Another limitation of our dataset is the large proportion of individuals that were censored. These individuals remained in the hospital at the time of data analysis and thus had unknown outcomes. Future work will analyze these patients' hospital course in greater detail with complete outcomes data.

As the COVID-19 pandemic spreads from the current epicenter in New York City to other areas, our report provides meaningful clinical insights that may better inform care for diverse populations. Future work will aim to predict COVID-19 patient outcomes using a variety of approaches, thereby reducing healthcare system burden and permitting improved care delivery.

# **Figures**

**Figure 1:** Hospital Admissions of COVID-19 patients within our cohort. <u>Panel A</u>: The number of total patients (n = 2,199) admitted each day to one of the hospitals for the duration of the study period. <u>Panel B</u>: The number of patients cumulatively admitted, cumulatively discharged, or still hospitalized by day.

Figure 2: Cumulative incidence function displays the probability of mutually exclusive events of discharge (blue) or death (red) by a given day of hospitalization, accounting for the changing number of patients at risk including censoring. The remaining portion (white) shows patients that are still hospitalized, where the median length of stay is 7.7 days. 

**Table 1.** Characteristics of Hospitalized COVID-19 Patients at Baseline (n=2,199)

Admission Source, n (%)  Emergency Department Other 641 (29)  Race, n (%)  White Black or African American Asian 74 (3.4) Pacific Islander Other 912 (41.5) Unknown 91 (4.1)  Ethnicity, n (%)  Hispanic/Latino Taysinal (IQR) Age Groups, n (%)  18-30 73 (3.3) 31-40 41-50 225 (10.2) 51-60 61-70 71-80 81-90 91 or older 82 (3.7)  Sex, n (%)  Male Perevious Medical History, n (%)  Athal Fibrillation 156 (7.1) Asthma 180 (8.2) Coronary Artery Disease Cancer Chronic Kidney Disease Chronic Kidney Disease  Chronic Kidney Disease 207 (9.4)	Characteristics of Admission		N with characteristic available	
Other         641 (29)         2199           Race, n (%)         White         554 (25.2)         Black or African American         543 (24.7)         Asian         74 (3.4)         2199           Pacific Islander         25 (1.1)         Other         25 (1.1)         Other         912 (41.5)         Unknown         91 (4.1)           Ethnicity, n (%)         Hispanic/Latino         576 (26.2)         2199         2199           Non-Hispanic/Latino         1305 (59.4)         2199         2199           Age, Median (IQR)         65 (54-76)         2199         2199           Age Groups, n (%)         73 (3.3)         31-40         225 (10.2)         2199           41-50         225 (10.2)         51-60         395 (18.0)         2199           61-70         527 (24.0)         71-80         444(20.2)         81-90         274 (12.5)         91 or older         82 (3.7)         2199           Sex, n (%)         Male         1293 (58.8)         2199         2199           Body Mass Index in kg/m², Median (IQR)         28 (6)         1316         2199           Previous Medical History, n (%)         456 (7.1)         Asthma         180 (8.2)         207 (9.4)         2199           Chronic Kidney Disease <td>Admission Source, n (%)</td> <td></td> <td></td>	Admission Source, n (%)			
Other     641 (29)       Race, n (%)     554 (25.2)       Black or African American     543 (24.7)       Asian     74 (3.4)       Pacific Islander     25 (1.1)       Other     912 (41.5)       Unknown     91 (4.1)       Ethnicity, n (%)       Hispanic/Latino     576 (26.2)       Non-Hispanic/Latino     1305 (59.4)       Unknown     318 (14.5)       Age, Median (IQR)     65 (54-76)       Age Groups, n (%)       18-30     73 (3.3)       31-40     179 (8.1)       41-50     225 (10.2)       51-60     395 (18.0)       61-70     527 (24.0)       71-80     444(20.2)       81-90     274 (12.5)       91 or older     82 (3.7)       Sex, n (%)       Male     1293 (58.8)       Female     906 (41.2)       Body Mass Index in kg/m², Median (IQR)     28 (6)       Previous Medical History, n (%)       Atrial Fibrillation     156 (7.1)       Asthma     180 (8.2)       Coronary Artery Disease     343 (15.6)       Cancer     151 (6.9)       Chronic Kidney Disease     207 (9.4)	Emergency Department	1558 (71)	2100	
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Black or African American 543 (24.7) Asian 74 (3.4) Pacific Islander 25 (1.1) Other 912 (41.5) Unknown 91 (4.1)  Ethnicity, n (%) Hispanic/Latino 576 (26.2) Non-Hispanic/Latino 1305 (59.4) Unknown 318 (14.5)  Age, Median (IQR) 65 (54-76) 2199  Age Groups, n (%)  18-30 73 (3.3) 31-40 179 (8.1) 41-50 225 (10.2) 51-60 395 (18.0) 61-70 527 (24.0) 71-80 444(20.2) 81-90 274 (12.5) 91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1) Asthma 180 (8.2) Coronary Artery Disease 343 (15.6) Cancer 151 (6.9) Chronic Kidney Disease 207 (9.4)	Race, n (%)			
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Pacific Islander Other Other Other Unknown 91 (4.1.5) Unknown 91 (4.1.6)  Ethnicity, n (%) Hispanic/Latino Non-Hispanic/Latino Unknown 318 (14.5)  Age, Median (IQR) Age Groups, n (%)  18-30 173 (3.3) 31-40 179 (8.1) 41-50 225 (10.2) 51-60 395 (18.0) 61-70 527 (24.0) 71-80 444(20.2) 81-90 91 or older 82 (3.7)  Sex, n (%)  Male Female Previous Medical History, n (%) Atrial Fibrillation Asthma 180 (8.2) Coronary Artery Disease Cancer Chronic Kidney Disease  Chronic Kidney Disease  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199	Asian	74 (3.4)	2100	
Unknown         Ethnicity, n (%)         Hispanic/Latino       576 (26.2)         Non-Hispanic/Latino       1305 (59.4)         Unknown       318 (14.5)         Age, Median (IQR)       65 (54-76)       2199         Age Groups, n (%)       2199         18-30       73 (3.3)       31-40       179 (8.1)         41-50       225 (10.2)       51-60       395 (18.0)       2199         61-70       527 (24.0)       71-80       444(20.2)       244 (12.5)       2199         81-90       274 (12.5)       91 or older       82 (3.7)       258x, n (%)       2199         Male       1293 (58.8)       2199       2199         Female       906 (41.2)       2199         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)       Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)       2199         Chronic Kidney Disease       207 (9.4)       2199	Pacific Islander	25 (1.1)		
Ethnicity, n (%)  Hispanic/Latino  Non-Hispanic/Latino  1305 (59.4)  Unknown  318 (14.5)  Age, Median (IQR)  Age Groups, n (%)  18-30  31-40  41-50  51-60  61-70  71-80  81-90  91 or older  82 (3.7)  Sex, n (%)  Male  Female  Body Mass Index in kg/m², Median (IQR)  Age Median (IQR)  Age Groups, n (%)  Atrial Fibrillation  Asthma  180 (8.2)  Coronary Artery Disease  Chronic Kidney Disease  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199  2199	Other	912 (41.5)		
Hispanic/Latino   576 (26.2)   Non-Hispanic/Latino   1305 (59.4)   Unknown   318 (14.5)	Unknown	91 (4.1)		
Non-Hispanic/Latino				
Unknown       318 (14.5)         Age, Median (IQR)       65 (54-76)       2199         Age Groups, n (%)       73 (3.3)       31-40       179 (8.1)         41-50       225 (10.2)       51-60       395 (18.0)       2199         61-70       527 (24.0)       71-80       444(20.2)       81-90       274 (12.5)       91 or older       82 (3.7)         Sex, n (%)       Sex, n (%)         Male       1293 (58.8)       2199         Female       906 (41.2)       28 (6)       1316         Previous Medical History, n (%)       Atrial Fibrillation       156 (7.1)       Asthma       180 (8.2)       Coronary Artery Disease       343 (15.6)       2199         Chronic Kidney Disease       207 (9.4)       2199       2199		-		
Age, Median (IQR)       65 (54-76)       2199         Age Groups, n (%)       73 (3.3)       31-40       179 (8.1)         41-50       225 (10.2)       251-60       395 (18.0)       2199         51-60       395 (18.0)       257 (24.0)       274 (12.5)       2199         71-80       444(20.2)       274 (12.5)       291       274 (12.5)       291         91 or older       82 (3.7)       2199       28 (3.7)       2199         Sex, n (%)       2199       2199         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)       28 (6)       1316         Previous Medical History, n (%)       28 (6)       1316         Coronary Artery Disease       343 (15.6)       2199         Chronic Kidney Disease       207 (9.4)       2199	<u> </u>	<u> </u>	2199	
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18-30       73 (3.3)         31-40       179 (8.1)         41-50       225 (10.2)         51-60       395 (18.0)         61-70       527 (24.0)         71-80       444(20.2)         81-90       274 (12.5)         91 or older       82 (3.7)         Sex, n (%)         Male       1293 (58.8)         Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)         1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)         Chronic Kidney Disease       207 (9.4)	Age, Median (IQR)	65 (54-76)	2199	
31-40	Age Groups, n (%)			
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51-60 395 (18.0) 61-70 527 (24.0) 71-80 444(20.2) 81-90 274 (12.5) 91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1) Asthma 180 (8.2) Coronary Artery Disease 343 (15.6) Cancer 151 (6.9) Chronic Kidney Disease 207 (9.4)	31-40	179 (8.1)		
61-70	41-50	225 (10.2)		
61-70       527 (24.0)         71-80       444(20.2)         81-90       274 (12.5)         91 or older       82 (3.7)         Sex, n (%)         Male       1293 (58.8)         Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)       2199         Chronic Kidney Disease       207 (9.4)	51-60	395 (18.0)	2100	
81-90 274 (12.5) 91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) 2199  Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1)  Asthma 180 (8.2)  Coronary Artery Disease 343 (15.6)  Cancer 151 (6.9) 2199  Chronic Kidney Disease 207 (9.4)	61-70	527 (24.0)	2199	
91 or older 82 (3.7)  Sex, n (%)  Male 1293 (58.8) Female 906 (41.2)  Body Mass Index in kg/m², Median (IQR) 28 (6) 1316  Previous Medical History, n (%)  Atrial Fibrillation 156 (7.1) Asthma 180 (8.2)  Coronary Artery Disease 343 (15.6)  Cancer 151 (6.9) 2199  Chronic Kidney Disease 207 (9.4)	71-80	444(20.2)		
91 or older       82 (3.7)         Sex, n (%)	81-90	274 (12.5)		
Male       1293 (58.8)         Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)       2199         Chronic Kidney Disease       207 (9.4)	91 or older			
Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)       2199         Chronic Kidney Disease       207 (9.4)	Sex, n (%)			
Female       906 (41.2)         Body Mass Index in kg/m², Median (IQR)       28 (6)       1316         Previous Medical History, n (%)         Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)       2199         Chronic Kidney Disease       207 (9.4)	Male	1293 (58.8)	2100	
Previous Medical History, n (%)           Atrial Fibrillation         156 (7.1)           Asthma         180 (8.2)           Coronary Artery Disease         343 (15.6)           Cancer         151 (6.9)           Chronic Kidney Disease         207 (9.4)	Female	906 (41.2)	<del></del>	
Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)         Chronic Kidney Disease       207 (9.4)	Body Mass Index in kg/m², Median (IQR)	28 (6)	1316	
Atrial Fibrillation       156 (7.1)         Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)         Chronic Kidney Disease       207 (9.4)				
Asthma       180 (8.2)         Coronary Artery Disease       343 (15.6)         Cancer       151 (6.9)         Chronic Kidney Disease       207 (9.4)		156 (7.1)		
Coronary Artery Disease         343 (15.6)           Cancer         151 (6.9)           Chronic Kidney Disease         207 (9.4)	Asthma			
Cancer         151 (6.9)         2199           Chronic Kidney Disease         207 (9.4)				
Chronic Kidney Disease 207 (9.4)		` ′	2199	
Chronic Obstructive Pulmonary Disease   113 (5.1)	Chronic Obstructive Pulmonary Disease	113 (5.1)		
Diabetes Mellitus 583 (26.5)	<del>-</del>			

Heart Failure	217 (9.9)	
Hypertension	812 (37)	
Stroke	153 (7)	
Vital Signs at Hospital Admission		
Heart Rate in beats per min, Median (IQR)	95 (83-108)	
Number of patients >100 Beats per min, n(%)	857 (39)	2181
Temperature in degree Fahrenheit, Median (IQR)	99 (98.2 – 100.4)	
Number of patients >100.4-degree Fahrenheit, n (%)	1926 (88)	2180
Respiratory Rate in breaths/minute, Median (IQR)	20 (18-21)	
Systolic Blood Pressure in mmHg, Median (IQR)	130 (116-145)	2176
Diastolic Blood Pressure in mmHg, Median (IQR)	74 (65-82)	2170
Oxygen Saturation, Median (IQR)	95 (92-97)	2176
Admission Laboratory Parameters, Median (I	QR)	
White Blood Cell Count -K/uL, Median (IQR)	7 (5.2-9.9)	2029
Number of patients >10, n (%)	498 (25)	2029
Number of patients <4, n (%)	224 (11)	2029
Lymphocyte Count - K/uL, Median (IQR)	0.9 (0.7-1.3)	1888
Lymphocyte Percentage, Median (IQR)	13.8(8.5-20.5)	1972
Hemoglobin - g/dL, Median (IQR)	13.1(11.6-14.4)	2031
Platelet Count - K/uL, Median (IQR)	195(151-253)	2028
Prothrombin Time - sec, Median (IQR)	13.9(13.2-15)	937
Activated Partial Thromboplastin Time - sec, Median (IQR)	32 (29-36.1)	926
Serum Sodium - mEq/L, Median (IQR)	137 (134-140)	2015
Serum Potassium - mEq/L, Median (IQR)	4.2 (3.9-4.6)	2006
Serum Creatinine - mg/dL, Median (IQR)	1 (0.8-1.5)	2018
Aspartate aminotransferase - U/L, Median (IQR)	42 (30-70.5)	1815
Alanine aminotransferase - U/L, Median (IQR)	32 (19-56)	1025
Serum Albumin - g/dL, Median (IQR)	3.2 (2.8-3.6)	1848
Venous lactate - mmol/L, Median (IQR)	1.5 (1.1-2)	775
Number of patients >1.5, n (%)	392 (51)	775
Inflammatory Markers		

C-Reactive Protein - mg/L, Median (IQR)	110 (57.8-196)	1354
Ferritin -ng/L, Median (IQR)	714 (324-1730)	1324
Procalcitonin -ng/mL, Median (IQR)	0.18 (0.08-0.57)	1241
Number of patients >0.49, n (%)	344 (28)	1241
Number of patients <0.15, n (%)	573 (46)	1241
Lactate Dehydrogenase -U/L, Median (IQR)	416 (314-545)	1290
Creatinine Kinase - U/L, Median (IQR)	199 (97-565)	502
D-Dimer -ug/mL, Median (IQR)	1.31 (0.74-2.44)	1079
Number of patients >2.0, n (%)	352 (33)	1079
Required Mechanical Ventilation, n (%)	446 (20)	2199

Baseline values are defined as first values on hospitalization. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.

**Table 2.** Characteristics of Hospitalized COVID-19 patients by patients who had in-hospital mortality vs. those who were discharged alive (N=1,078). Continuous and categorical variables were compared using a Wilcoxon test and Fisher exact test, respectively.

	Patients with In-Hospital Mortality (n=310)	N with characteristic available	Patients who were discharged alive (n=768)	N with characteristic available	P value
Required Mechanical Ventilation, n (%)	165 (53)	310	14 (1.8)	768	<0.001
Time to ICU (hours), Median (IQR)	11.0 (4.9 - 44.7)	121	12.6 (3.1 - 11.1)	264	<0.001
Race, n (%)					
White	98 (31.6)		216 (28.1)		
Black or African American	71 (22.9)		185 (24.1)		
Asian	17 (5.5)	310	22 (2.9)	768	<0.001
Pacific Islander	1 (0.3)	<b>`</b> O.	7 (0.9)		
Other	111 (35.8)		310 (40.4)		
Unknown	12 (3.9)		28 (3.6)		
Ethnicity, n (%)					
Hispanic/Latino	58 (18.7)	1	208 (27.1)		
Non- Hispanic/Latino	198 (63.9)	310	464 (60.4)	768	0.005
Unknown	54 (17.4)		96 (12.5)		
Age, Median (IQR)	75 (64-85)		59 (45-72)		<0.001
Age Groups, n (%)					
18-30	1 (0.32)		53 (6.9)		
31-40	2 (0.65)		108 (14.1)		
41-50	17 (5.5)		100 (13.0)		
51-60	37 (11.9)	310	143 (18.6)	768	
61-70	66 (21.3)	310	157 (20.4)	]	
71-80	83 (26.8)		130 (16.9)		
80-90	75 (24.2)		62 (8.1)		
>90	29 (9.4)		15 (2.0)		
Sex, n (%)					
Male	191 (61.6)	310	436 (56.8)	768	0.16
Female	119 (38.4)	310	332 (43.2)	7 00	
Body Mass Index in kg/m <sup>2</sup> , Median (IQR)	32 (27-34)	241	28 (25-32)	627	<0.001

<b>Previous Medical</b>	History, n (%)				
Atrial Fibrillation	43 (13.9)		42 (5.5)		0.91
Asthma	23 (7.4)		61 (7.9)		0.87
Coronary Artery Disease	83 (26.8)		84 (10.9)		<0.001
Cancer	24 (7.7)		40 (5.2)		0.147
Chronic Kidney Disease	41 (13.2)		54 (7)		0.002
Chronic Obstructive Pulmonary Disease	28 (9)	768	31 (4)	768	0.002
Diabetes Mellitus	105 (33.9)		151 (19.7)		<0.001
Heart Failure	64 (20.6)		53 (6.9)		<0.001
Hypertension	140 (45.2)		233 (30.3)		<0.001
Stroke	32 (10.3)		40 (5.2)		0.004
Admission Labora	tory Parameters				
White Blood Cell Count -K/µL, Median (IQR)	8.6 (5.9-12)	281	6.2 (4.7-8.2)	728	<0.001
Number of patients >10 K/µL, n (%)	105(37)	281	101(14)	728	<0.001
Number of patients <4 K/µL, n (%)	17 (6)	281	106 (15)	728	<0.001
Hemoglobin - g/dL, Median (IQR)	12.6 (10.9- 14.3)	282	13.2 (11.9- 14.4)	728	<0.001
Platelet Count - K/uL, Median (IQR)	185 (144-239)	282	193 (153-247)	726	0.070
Lymphocyte Count - K/µL, Median (IQR)	0.9 (0.6-1.3)	248	1 (0.8-1.4)	689	<0.001
Lymphocyte Percentage, Median (IQR)	11.7 (6.6-18.6)	270	16.6 (11.7- 24.2)	710	<0.001
Prothrombin Time - sec, Median (IQR)	14.2 (13.6- 16.3)	142	13.5 (13-14.4)	304	<0.001
Activated Partial Thromboplastin Time - sec, Median (IQR)	32.9 (30.2- 37.6)	140	31.4 (28.7- 34.8)	302	0.001

Serum Sodium - mEq/L, Median (IQR)	138 (134-141)	284	137 (135-140)	708	0.059
Serum Potassium - mEq/L, Median (IQR)	4.4 (4-5)	288	4.1 (3.8-4.5)	706	<0.001
Serum Creatinine - mg/dL, Median (IQR)	1.3 (0.9-2.2)	288	0.9(0.7-1.2)	710	<0.001
Aspartate aminotransferase - U/L, Median (IQR)	58.5 (34-102)	246	36 (26-54)	628	<0.001
Alanine aminotransferase - U/L, Median (IQR)	32 (19-58)	119	30 (19-52)	358	0.47
Serum Albumin - g/dL, Median (IQR)	3 (2.7-3.4)	255	3.4 (3-3.7)	635	<0.001
Venous lactate - mmol/L, Median (IQR)	1.8 (1.3-2.6)	108	1.3 (1.1-1.8)	236	<0.001
Number of patients >1.5 mmol/L, n (%)	74 (69)	108	88 (37)	236	<0.001
Inflammatory Mark	kers				
C-Reactive Protein - mg/L, Median (IQR)	162 (75.7-266)	141	79.3 (37.5- 144)	422	<0.001
Ferritin -ng/L, Median (IQR)	798 (397- 2020)	146	509 (235-987)	410	<0.001
Procalcitonin - ng/mL, Median (IQR)	0.44 (0.16- 1.45)	138	0.09 (0.05- 0.22)	392	<0.001
Number of patients >0.49 ng/mL, n (%)	67 (49)	138	46 (12)	392	<0.001
Number of patients <0.15 ng/mL, n (%)	34 (25)	138	263 (67)	392	<0.001
Lactate Dehydrogenase - U/L, Median (IQR)	517(371-756)	134	347 (272-448)	419	<0.001
Creatinine Kinase - U/L, Median (IQR)	472 (139-940)	74	154 (84-319)	126	<0.001

μg	D-Dimer - /mL, Median ≀R)	2.41 (1.18- 3.79)	117	0.93 (0.58- 1.61)	282	<0.001
	Number of tients >2.0 /mL, n (%)	66(56)	117	59 (21)	282	<0.001

Baseline values are defined as first values on hospitalization. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.

**Table 3.** Selected characteristics for hospitalized COVID-19 patients before transfer to Intensive care stratified by in-hospital mortality (N= 385). Continuous and categorical variables were compared using a Wilcoxon test and Fisher exact test, respectively.

	Patients with In-Hospital Mortality who Required Intensive Care (n=121)	N with characteristic available	Patients who were discharged alive but Required Intensive Care (n=264)	N with characteristic available	P Value
Required Mechanical Ventilation, n (%)	95 (79)	121	11 (4)	264	<0.001
Vital Signs, n (%)					
Number of patients with heart rate >100 Beats per min, n (%)	45 (38)		51 (19)		<0.001
Number of patients with temperature >100.4F, n (%)	107 (91)	118	228 (86)	264	0.370
Systolic Blood Pressure < 100 mm of Hg, n (%)	27 (22)	6	10 (4)		<0.001
Oxygen Saturation, Median (IQR)	92 (88 – 95)		95 (92 – 97)		<0.001
Admission Laborator	y Parameters, N	Median (IQR)			
White Blood Cell Count -K/μL, Median (IQR)	10.1 (6.3- 14.7)	111	5.6 (4.3-7.7)	258	<0.001
Number of patients >10-K/μL, n (%)	58 (52)	111	28 (11)	258	<0.001
Number of patients <4 K/µL, n (%)	6 (5)	111	54 (21)	258	<0.001
Hemoglobin - g/dL, Median (IQR)	12.1 (10.4- 13.8)	111	13 (11.5-14.2)	258	<0.001
Platelet Count - K/µL, Median (IQR)	185 (146-230)	111	191(153-248)	258	0.308
Lymphocyte Count - K/µL, Median (IQR)	0.8 (0.6-1.25)	91	1 (0.75-1.4)	239	0.003

Lymphocyte Percentage, Median (IQR)	9.6 (5.5-17.2)	103	16.6 (12-26.4)	251	<0.001
Prothrombin Time - sec, Median (IQR)	14.9 (13.8- 16.7)	63	13.7(13.2- 14.7)	97	<0.001
Activated Partial Thromboplastin Time - sec, Median (IQR)	34 (30.6-38.2)	62	31.4 (29.4-35)	96	0.027
Serum Sodium - mEq/L, Median (IQR)	137 (135-140)	114	137 (135-140)	237	0.449
Serum Potassium - mEq/L, Median (IQR)	4.3 (4-4.9)	112	4.1 (3.8-4.4)	237	<0.001
Serum Creatinine - mg/dL, Median (IQR)	1.5 (0.94-2.4)	114	0.8 (0.7-1.1)	261	<0.001
Aspartate aminotransferase - U/L, Median (IQR)	62 (36.2-105)	106	35 (26-54.5)	236	<0.001
Alanine aminotransferase - U/L, Median (IQR)	28 (16-54)	56	28 (19-52)	215	0.514
Serum Albumin - g/dL, Median (IQR)	2.7 (2.3-3.2)	107	3.3 (2.9-3.6)	236	<0.001
Venous lactate - mmol/L, Median (IQR)	1.55 (1.02- 2.15)	34	1.3 (1.1-1.7)	49	0.157
Number of patients >1.5 mmol/L, n (%)	19 (56)	34	20 (41)	49	0.157
Inflammatory Markers	S				
C-Reactive Protein - mg/L, Median (IQR)	220 (113-297)	80	75.6 (36.2- 134)	182	<0.001
Ferritin -ng/L, Median (IQR)	920 (470- 2220)	76	503 (266- 1020)	187	<0.001
Procalcitonin - ng/mL, Median (IQR)	1.02 (0.20- 4.5)	58	0.08 (0.05- 0.22)	163	<0.001
Number of patients >0.49 ng/mL, n (%)	34 (59)	58	17 (10)	163	<0.001

Number of patients <0.15 ng/mL, n (%)	11 (19)	58	106 (65)	163	<0.001
Lactate Dehydrogenase -U/L, Median (IQR)	513 (399-729)	67	333 (274-422)	188	<0.001
Creatinine Kinase - U/L, Median (IQR)	659 (305- 1450)	42	146 (60-268)	73	<0.001
D-Dimer -μg/mL, Median (IQR)	2.7 (1.6-5.8)	57	0.83 (0.5-1.6)	127	<0.001
Number of patients >2.0 μg/mL, n (%)	36 (63)	57	28 (22)	127	<0.001

All values are closest values in twenty-four hours prior to ICU admission. All continuous characteristics are in Median (Interquartile Range) unless specified otherwise and all categorical characteristics are in number (percentage). The percentage is calculated with the number of patients who had the characteristic available as the denominator. For further clarity, the number in which that characteristic was available for is provided separately in adjacent column.

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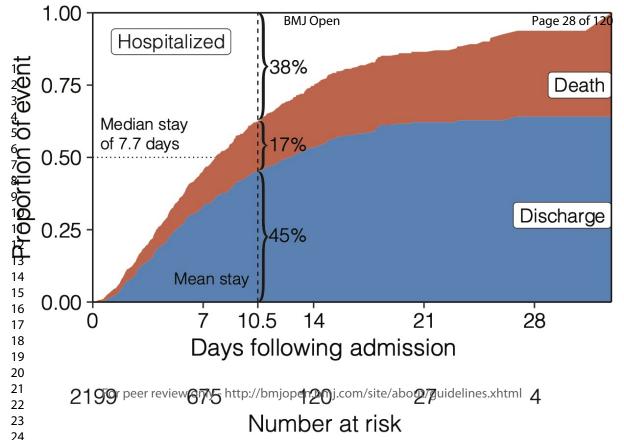
# **Author Contributions:**

I.P., A.J.R., J.F.D., A.L., M.S., A.V., K.W.J, S.S., A.K., R.O., S.M., U.N., S.J., A.K., P.T., J.J., A.F. developed and performed the analysis. P.G., M.A.L., J.F., J.A.A., E.B., C.R.H., B.M., Z.F. critically appraised the manuscript and helped acquire data. I.P., A.L., A.J.R., J.F.D., R.M., M.D., E.G., D.M., P.F.O., L.M.H., R.F., M.S., P.K., V.F., E.P.B., J.N., E.J.N. C.C., D.S.C., D.L.R., Z.F. supervised the project I.P., A.L., A.J.R., J.F.D., G.N.N, B.S.G, A.W.C, A.C.J drafted the manuscript.

# **Competing Interests**

Dr. Nadkarni reports grants, personal fees and non-financial support from Renalytix AI, non-financial support from Pensieve Health, personal fees from AstraZeneca, personal fees from AstraZeneca, personal fees from BioVie, personal fees from GLG Consulting, from outside the submitted work. Dr. Lala reports personal fees from Zoll, outside the submitted work. Dr. Fayad reports grants from Daiichi Sankyo, grants from Amgen, grants from Bristol Myers Squibb, from Siemens Healthineers, personal fees from Alexion, personal fees from GlaxoSmithKline, personal fees from Trained Therapeutix Discovery, outside the submitted work. In addition, Dr. Fayad has patents licensed to Trained Therapeutix Discovery. The other authors have nothing to disclose.





# **Supplementary Material**

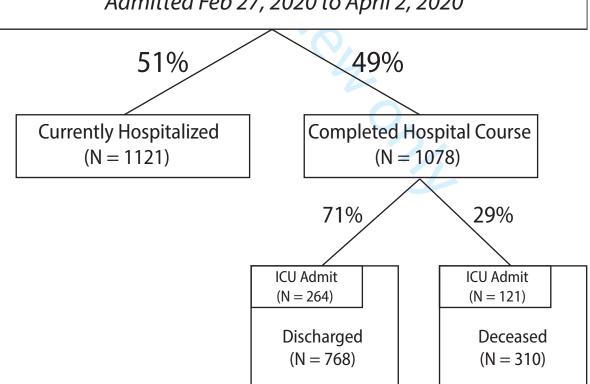
# **Supplementary Methods**

# Mount Sinai Covid Informatics Center (MSCIC) Data Platform

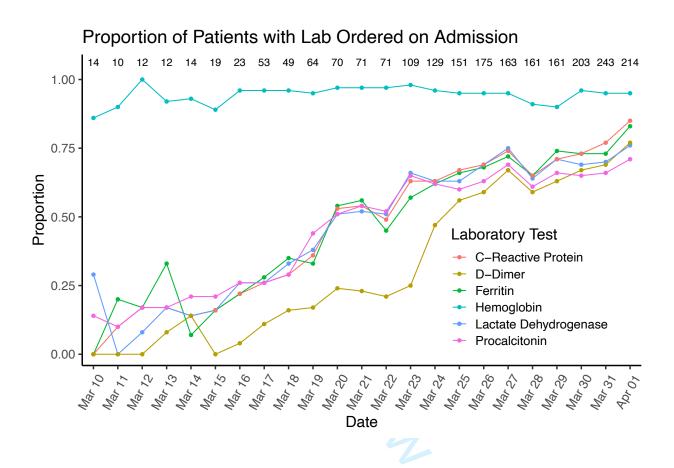
This dataset of clinical data is the first part of a larger effort that aims to create an heterogeneous collection of COVID-19 patient data. This effort brings together different stakeholders from MSHS, including research faculty, data scientists, clinicians, and hospital administrators, among others. The resulting dataset includes or will include longitudinal electronic health record (EHR) patient clinical data, multi-omics, such as genomics, imaging, such as chest CT scans, among others. The data, which are updated on a daily basis, is made available within a secure computational framework based on internal Microsoft Azure Cloud to researchers and analysts within the MSHS and the Icahn School of Medicine at Mount Sinai. This dataset is intended to foster research projects to improve the knowledge of this disease and augment clinical operations with machine intelligence.

# **Supplementary Figures**

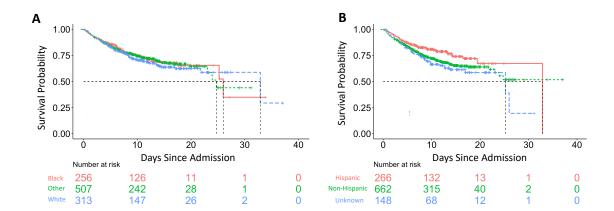
Hospitalized Covid-19 Positive Patients (N = 2199) Admitted Feb 27, 2020 to April 2, 2020



**Supplementary Figure 1:** Flowchart of patients included in study cohort. All patients had a confirmed COVID-19 qPCR from a nasopharyngeal swab. Patients were stratified by completion of hospital course.



**Supplementary Figure 2** Trends in laboratory test orders per day. Tests that compromised the Mount Sinai Health System COVID-19 special order (C-reactive protein, d-dimer, ferritin, hemoglobin, lactate dehydrogenase, procalcitonin) set were included. Number of orders of hemoglobin were also included as a comparison. We only included dates in which there were at least 10 COVID-19 patients admitted (i.e., 03/10/2020). We included data up to 04/01/2020 to leave a full 24 hours for the tests to be ordered.



**Supplementary Figure 3** Kaplan Meier curve stratified by A) self-reported race and B) ethnicity. Individuals were censored if they were hospitalized at the time of data-freeze.

**Supplementary Table 1** Diagnostic codes used to identify clinical comorbidities. Patients were determined to have a history of a clinical condition if they had at least one diagnostic code for the specific condition in their electronic health record.

DIAGNOSIS	CODE	TYPE	DESCRIPTION
Atrial fibrillation	427.3	ICD9	Atrial fibrillation and flutter
Atrial fibrillation	427.31	ICD9	Atrial fibrillation
Atrial fibrillation	427.32	ICD9	Atrial flutter
Atrial fibrillation	148	ICD10	Atrial fibrillation and flutter
Atrial fibrillation	148.0	ICD10	Paroxysmal atrial fibrillation
Atrial fibrillation	148.1	ICD10	Persistent atrial fibrillation
Atrial fibrillation	148.2	ICD10	Chronic atrial fibrillation
Atrial fibrillation	148.3	ICD10	Typical atrial flutter
Atrial fibrillation	148.4	ICD10	Atypical atrial flutter
Atrial fibrillation	148.91	ICD10	Unspecified atrial fibrillation
Atrial fibrillation	148.92	ICD10	Unspecified atrial flutter
Asthma	493	ICD9	Asthma
Asthma	493	ICD9	Extrinsic asthma
			Extrinsic asthma without mention of
Asthma	493	ICD9	status asthmaticus
Asthma	493.01	ICD9	Extrinsic asthma with status asthmaticus
Asthma	493.02	ICD9	Extrinsic asthma with acute exacerbation
Asthma	493.1	ICD9	Intrinsic asthma
			Intrinsic asthma without mention of
Asthma	493.1	ICD9	status asthmaticus
Asthma	493.11	ICD9	Intrinsic asthma with status asthmaticus
Asthma	493.12	ICD9	Intrinsic asthma with acute exacerbation
Asthma	493.2	ICD9	Chronic obstructive asthma
Asthma	493.2	ICD9	Chronic obstructive asthma
Asthma	493.21	ICD9	Chronic obstructive asthma
Asthma	493.22	ICD9	Chronic obstructive asthma
Asthma	493.8	ICD9	Other forms of asthma
Asthma	493.81	ICD9	Exercise induced bronchospasm
Asthma	493.82	ICD9	Cough variant asthma
Asthma	493.9	ICD9	Asthma
Asthma	493.9	ICD9	Asthma
Asthma	493.91	ICD9	Asthma
Asthma	493.92	ICD9	Asthma
Asthma	J45.0	ICD10	Asthma
Asthma	J45.20	ICD10	Mild intermittent asthma
			Mild intermittent asthma with (acute)
Asthma	J45.21	ICD10	exacerbation
			Mild intermittent asthma with status
			ivilia iliterilitterit astrilla with status

Asthma	J45.30	ICD10	Mild persistent asthma
			Mild persistent asthma with (acute)
Asthma	J45.31	ICD10	exacerbation
			Mild persistent asthma with status
Asthma	J45.32	ICD10	asthmaticus
Asthma	J45.40	ICD10	Moderate persistent asthma
			Moderate persistent asthma with (acute)
Asthma	J45.41	ICD10	exacerbation
			Moderate persistent asthma with status
Asthma	J45.42	ICD10	asthmaticus
Asthma	J45.50	ICD10	Severe persistent asthma
			Severe persistent asthma with (acute)
Asthma	J45.51	ICD10	exacerbation
		4	Severe persistent asthma with status
Asthma	J45.52	ICD10	asthmaticus
Asthma	J45.90	ICD10	Unspecified asthma
			Unspecified asthma with (acute)
Asthma	J45.901	ICD10	exacerbation
			Unspecified asthma with status
Asthma			asthmaticus
Asthma			Unspecified asthma
Asthma	J45.990	ICD10	Exercise induced bronchospasm
Asthma	J45.991	ICD10	Cough variant asthma
Asthma	J45.998	ICD10	Other asthma
Coronary artery			Acute coronary occlusion without
disease	411.81	ICD9	myocardial infarction
Coronary artery			
disease	414	ICD9	Coronary atherosclerosis
Coronary artery			Coronary atherosclerosis of unspecified
disease	414	ICD9	type of vessel
Coronary artery			Coronary atherosclerosis of native
disease	414.01	ICD9	coronary artery
Coronary artery			Coronary atherosclerosis of autologous
disease	414.02	ICD9	biological bypass graft
Coronary artery			Coronary atherosclerosis of nonautologous
disease	414.03	ICD9	biological bypass graft
Coronary artery			Coronary atherosclerosis of artery bypass
disease	414.04	ICD9	graft
Coronary artery			Coronary atherosclerosis of unspecified
disease	414.05	ICD9	type of bypass graft

Coronary artery			
disease	414.2	ICD9	Chronic total occlusion of coronary artery
Coronary artery	12.112	.023	Coronary atherosclerosis due to lipid rich
disease	414.3	ICD9	plaque
Coronary artery			Coronary atherosclerosis due to calcified
disease	414.4	ICD9	coronary lesion
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.01	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.02	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.1	ICD9	Acute myocardial infarction
Coronary artery	440.4		
disease	410.1	ICD9	Acute myocardial infarction
Coronary artery	44044	1000	
disease	410.11	ICD9	Acute myocardial infarction
Coronary artery disease	410.12	ICDO	Aguta mugaardial infaration
	410.12	ICD9	Acute myocardial infarction
Coronary artery disease	410.2	ICDO	Acute myocardial infarction
Coronary artery	410.2	ICD3	Acute myocardiai imarction
disease	410.2	ICD9	Acute myocardial infarction
Coronary artery	410.2	ICDS	Acute myocardia marction
disease	410.21	ICD9	Acute myocardial infarction
Coronary artery	.10.21		,
disease	410.22	ICD9	Acute myocardial infarction
Coronary artery			,
disease	410.3	ICD9	Acute myocardial infarction
Coronary artery			·
disease	410.3	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.31	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.32	ICD9	Acute myocardial infarction

Coronary artery			
disease	410.4	ICD9	Acute myocardial infarction
Coronary artery	1.2011		,
disease	410.4	ICD9	Acute myocardial infarction
Coronary artery			,
disease	410.41	ICD9	Acute myocardial infarction
Coronary artery			,
disease	410.42	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.5	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.5	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.51	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.52	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.6	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.6	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.61	ICD9	Acute myocardial infarction
Coronary artery			<b>*</b> O,
disease	410.62	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.7	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.7	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.71	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.72	ICD9	Acute myocardial infarction
Coronary artery			
disease	410.8	ICD9	Acute myocardial infarction
Coronary artery		1656	
disease	410.8	ICD9	Acute myocardial infarction
Coronary artery	440.01	1050	A. I
disease	410.81	ICD9	Acute myocardial infarction
Coronary artery	440.00	1000	A
disease	410.82	ICD9	Acute myocardial infarction

Coronary artery			
disease	410.9	ICD9	Acute myocardial infarction
Coronary artery disease	410.9	ICD9	Acute myocardial infarction
Coronary artery disease	410.91	ICD9	Acute myocardial infarction
Coronary artery disease	410.92	ICD9	Acute myocardial infarction
Coronary artery disease	411		Postmyocardial infarction syndrome
Coronary artery disease	412		Old myocardial infarction
Coronary artery disease	429.7	,	Certain sequelae of myocardial infarction
Coronary artery disease	429.71		Cardiac septal defect
Coronary artery disease	429.79		Other sequelae of myocardial infarction
Coronary artery disease	124.0		Acute coronary thrombosis not resulting in myocardial infarction
Coronary artery disease	125.1		Atherosclerotic heart disease of native coronary artery
Coronary artery disease			Atherosclerotic heart disease of native coronary artery without angina pectoris
Coronary artery disease			Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
Coronary artery disease	125.111	ICD10	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
Coronary artery disease	125.118	ICD10	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
Coronary artery disease	125.119	ICD10	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
Coronary artery disease	125.700	ICD10	Atherosclerosis of coronary artery bypass graft(s)
Coronary artery disease	125.701	ICD10	Atherosclerosis of coronary artery bypass graft(s)

Coronary artery	105 700	10540	Atherosclerosis of coronary artery bypass
disease	125.708	ICD10	
Coronary artery			Atherosclerosis of coronary artery bypass
disease	125.709	ICD10	graft(s)
			Atherosclerosis of autologous vein
Coronary artery			coronary artery bypass graft(s) with
disease	125.710	ICD10	unstable angina pectoris
			Atherosclerosis of autologous vein
Coronary artery			coronary artery bypass graft(s) with
disease	125.711	ICD10	angina pectoris with documented spasm
			Atherosclerosis of autologous vein
Coronary artery			coronary artery bypass graft(s) with other
disease	125.718	ICD10	forms of angina pectoris
			Atherosclerosis of autologous vein
Coronary artery			coronary artery bypass graft(s) with
disease	125 719	ICD10	unspecified angina pectoris
uiscasc	123.713	ICDIO	
Carananyartany			Atherosclerosis of autologous artery
Coronary artery	125 720	ICD10	coronary artery bypass graft(s) with
disease	125.720	ICD10	unstable angina pectoris
Coronary artery			Athscl autologous artery CABG w ang
disease	125.721	ICD10	pctrs w documented spasm
			Atherosclerosis of autologous artery
Coronary artery			coronary artery bypass graft(s) with other
disease	125.728	ICD10	forms of angina pectoris
			Atherosclerosis of autologous artery
Coronary artery			coronary artery bypass graft(s) with
disease	125.729	ICD10	unspecified angina pectoris
			Atherosclerosis of nonautologous
Coronary artery			biological coronary artery bypass graft(s)
disease	125.730	ICD10	with unstable angina pectoris
Coronary artery			Athscl nonaut biological CABG w ang pctrs
disease	125 731	ICD10	w documented spasm
4.50450	123.731	10010	Atherosclerosis of nonautologous
Coronaryartory			
Coronary artery	125 720	ICD40	biological coronary artery bypass graft(s)
disease	125./38	ICDIO	with other forms of angina pectoris
			Atherosclerosis of nonautologous
Coronary artery			biological coronary artery bypass graft(s)
disease	125.739	ICD10	with unspecified angina pectoris
			Atherosclerosis of other coronary artery
Coronary artery			bypass graft(s) with unstable angina
disease	125.790	ICD10	pectoris

Coronary artery disease	125.791	ICD10	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
Coronary artery disease	125.798	ICD10	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
Coronary artery disease	125.799	ICD10	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
Coronary artery disease	125.810	ICD10	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
Coronary artery disease	125.82	ICD10	Chronic total occlusion of coronary artery
Coronary artery disease	125.83	ICD10	Coronary atherosclerosis due to lipid rich plaque
Coronary artery disease	125.84	ICD10	Coronary atherosclerosis due to calcified coronary lesion
Coronary artery disease	121	ICD10	Acute myocardial infarction
Coronary artery disease	123.1	ICD10	Atrial septal defect as current complication following acute myocardial infarction
Coronary artery disease	I51.0	ICD10	Cardiac septal defect
Coronary artery disease	124.1	ICD10	Dressler's syndrome
Coronary artery disease	123.0	ICD10	Hemopericardium as current complication following acute myocardial infarction
Coronary artery disease	I51.3	ICD10	Intracardiac thrombosis
Coronary artery disease	121.9	ICD10	Myocardial infarction (acute) NOS
Coronary artery disease	I21.A1	ICD10	Myocardial infarction type 2
Coronary artery disease	121.4	ICD10	Non-ST elevation (NSTEMI) myocardial infarction
Coronary artery disease	125.2	ICD10	Old myocardial infarction

Coronary artery			Other current complications following
disease	133 8	ICD10	acute myocardial infarction
	123.8	ICDIO	acute myocardiai imarction
Coronary artery disease	121 40	ICD10	Other myecardial infarction type
	121.A9	ICDIO	Other myocardial infarction type
Coronary artery	124.4	10040	
disease	121.A	ICD10	Other type of myocardial infarction
Coronary artery			
disease	123.7	ICD10	Postinfarction angina
			Rupture of cardiac wall without
Coronary artery			hemopericardium as current complication
disease	123.3	ICD10	following acute myocardial infarction
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving left anterior
disease	121.02	ICD10	descending coronary artery
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving left circumflex
disease	121.21	ICD10	coronary artery
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving left main coronary
disease	121.01	ICD10	artery
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving other coronary artery
disease	121.09	ICD10	of anterior wall
			ST elevation (STEMI) myocardial
Coronary artery			infarction involving other coronary artery
disease	121.19	ICD10	of inferior wall
Coronary artery			ST elevation (STEMI) myocardial
disease	121.29	ICD10	infarction involving other sites
Coronary artery			ST elevation (STEMI) myocardial
disease	121.11	ICD10	infarction involving right coronary artery
Coronary artery			ST elevation (STEMI) myocardial
disease	121.0	ICD10	infarction of anterior wall
Coronary artery	1==16		ST elevation (STEMI) myocardial
disease	121.1	ICD10	infarction of inferior wall
Coronary artery	,,,,,,		ST elevation (STEMI) myocardial
disease	121 2	ICD10	infarction of other sites
	121.2	ICDIO	
Coronary artery	124.2	ICD10	ST elevation (STEMI) myocardial
disease	121.3	ICDIO	infarction of unspecified site

Coronary artery			Subsequent non-ST elevation (NSTEMI)
disease	122.2	ICD10	myocardial infarction
			Subsequent ST elevation (STEMI) and non-
Coronary artery			ST elevation (NSTEMI) myocardial
disease	122	ICD10	infarction
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.0	ICD10	myocardial infarction of anterior wall
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.1	ICD10	myocardial infarction of inferior wall
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.8	ICD10	myocardial infarction of other sites
Coronary artery			Subsequent ST elevation (STEMI)
disease	122.9	ICD10	myocardial infarction of unspecified site
Coronary artery	-	4	
disease	123.6	ICD10	Thrombosis of atrium
			Ventricular septal defect as current
Coronary artery			complication following acute myocardial
disease	123.2	ICD10	infarction
Cancer	140	ICD9	Malignant neoplasm of lip
Cancer	140	ICD9	Malignant neoplasm of upper lip
Cancer	140.1	ICD9	Malignant neoplasm of lower lip
Cancer	140.3	ICD9	Malignant neoplasm of upper lip
Cancer	140.4	ICD9	Malignant neoplasm of lower lip
Cancer	140.5	ICD9	Malignant neoplasm of lip
Cancer	140.6	ICD9	Malignant neoplasm of commissure of lip
Cancer	140.8	ICD9	Malignant neoplasm of other sites of lip
Cancer	140.9	ICD9	Malignant neoplasm of lip
Cancer	141	ICD9	Malignant neoplasm of tongue
Cancer	141	ICD9	Malignant neoplasm of base of tongue
			Malignant neoplasm of dorsal surface of
Cancer	141.1	ICD9	tongue
			Malignant neoplasm of tip and lateral
Cancer	141.2	ICD9	border of tongue
			Malignant neoplasm of ventral surface of
Cancer	141.3	ICD9	tongue
			Malignant neoplasm of anterior two-
Cancer	141.4	ICD9	thirds of tongue
			Malignant neoplasm of junctional zone of
Cancer	141.5	ICD9	tongue

Cancer	141.6	ICD9	Malignant neoplasm of lingual tonsil
			Malignant neoplasm of other sites of
Cancer	141.8	ICD9	tongue
Cancer	141.9	ICD9	Malignant neoplasm of tongue
			Malignant neoplasm of major salivary
Cancer	142	ICD9	glands
Cancer	142	ICD9	Malignant neoplasm of parotid gland
			Malignant neoplasm of submandibular
Cancer	142.1	ICD9	gland
Cancer	142.2	ICD9	Malignant neoplasm of sublingual gland
			Malignant neoplasm of other major
Cancer	142.8	ICD9	salivary glands
Cancer	142.9	ICD9	Malignant neoplasm of salivary gland
Cancer	143	ICD9	Malignant neoplasm of gum
Cancer	143	ICD9	Malignant neoplasm of upper gum
Cancer	143.1	ICD9	Malignant neoplasm of lower gum
Cancer	143.8	ICD9	Malignant neoplasm of other sites of gum
Cancer	143.9	ICD9	Malignant neoplasm of gum
Cancer	144	ICD9	Malignant neoplasm of floor of mouth
			Malignant neoplasm of anterior portion of
Cancer	144	ICD9	floor of mouth
			Malignant neoplasm of lateral portion of
Cancer	144.1	ICD9	floor of mouth
			Malignant neoplasm of other sites of floor
Cancer	144.8	ICD9	of mouth
Cancer	144.9	ICD9	Malignant neoplasm of floor of mouth
			Malignant neoplasm of other and
Cancer	145	ICD9	unspecified parts of mouth
Cancer	145	ICD9	Malignant neoplasm of cheek mucosa
			Malignant neoplasm of vestibule of
Cancer	145.1	ICD9	mouth
Cancer	145.2	ICD9	Malignant neoplasm of hard palate
Cancer	145.3	ICD9	Malignant neoplasm of soft palate
Cancer	145.4	ICD9	Malignant neoplasm of uvula
Cancer	145.5	ICD9	Malignant neoplasm of palate
Cancer	145.6	ICD9	Malignant neoplasm of retromolar area
			Malignant neoplasm of other specified
Cancer	145.8	ICD9	parts of mouth
Cancer	145.9	ICD9	Malignant neoplasm of mouth

Cancer	146	ICD9	Malignant neoplasm of oropharynx
Cancer	146		Malignant neoplasm of tonsil
Cancer	146.1	ICD9	Malignant neoplasm of tonsillar fossa
			Malignant neoplasm of tonsillar pillars
Cancer	146.2	ICD9	(anterior) (posterior)
Cancer	146.3	ICD9	Malignant neoplasm of vallecula
			Malignant neoplasm of anterior aspect of
Cancer	146.4	ICD9	epiglottis
			Malignant neoplasm of junctional region
Cancer	146.5	ICD9	of oropharynx
•			Malignant neoplasm of lateral wall of
Cancer	146.6	ICD9	oropharynx
			Malignant neoplasm of posterior wall of
Cancer	146.7	ICD9	oropharynx
			Malignant neoplasm of other specified
Cancer	146.8		sites of oropharynx
Cancer	146.9		Malignant neoplasm of oropharynx
Cancer	147	ICD9	Malignant neoplasm of nasopharynx
			Malignant neoplasm of superior wall of
Cancer	147	ICD9	nasopharynx
			Malignant neoplasm of posterior wall of
Cancer	147.1	ICD9	nasopharynx
			Malignant neoplasm of lateral wall of
Cancer	147.2	ICD9	nasopharynx
			Malignant neoplasm of anterior wall of
Cancer	147.3	ICD9	nasopharynx
			Malignant neoplasm of other specified
Cancer	147.8		sites of nasopharynx
Cancer	147.9		Malignant neoplasm of nasopharynx
Cancer	148	ICD9	Malignant neoplasm of hypopharynx
			Malignant neoplasm of postcricoid region
Cancer	148		of hypopharynx
Cancer	148.1		Malignant neoplasm of pyriform sinus
Cancer	148.2	ICD9	Malignant neoplasm of aryepiglottic fold
			Malignant neoplasm of posterior
Cancer	148.3	ICD9	hypopharyngeal wall
			Malignant neoplasm of other specified
Cancer	148.8		sites of hypopharynx
Cancer	148.9	ICD9	Malignant neoplasm of hypopharynx

			Naci: and an analogue of other and ill
Camaan	140	ICDO	Malignant neoplasm of other and ill-
Cancer	149		defined sites within the lip
Cancer	149		Malignant neoplasm of pharynx
Cancer	149.1	ICD9	Malignant neoplasm of waldeyer's ring
_			Malignant neoplasm of other sites within
Cancer	149.8	ICD9	the lip and oral cavity
			Malignant neoplasm of ill-defined sites
Cancer	149.9		within the lip and oral cavity
Cancer	150	ICD9	Malignant neoplasm of esophagus
			Malignant neoplasm of cervical
Cancer	150	ICD9	esophagus
			Malignant neoplasm of thoracic
Cancer	150.1	ICD9	esophagus
			Malignant neoplasm of abdominal
Cancer	150.2	ICD9	esophagus
			Malignant neoplasm of upper third of
Cancer	150.3	ICD9	esophagus
			Malignant neoplasm of middle third of
Cancer	150.4	ICD9	esophagus
			Malignant neoplasm of lower third of
Cancer	150.5	ICD9	esophagus
			Malignant neoplasm of other specified
Cancer	150.8	ICD9	part of esophagus
Cancer	150.9	ICD9	Malignant neoplasm of esophagus
Cancer	151		Malignant neoplasm of stomach
Cancer	151		Malignant neoplasm of cardia
Cancer	151.1		Malignant neoplasm of pylorus
Cancer	151.2		Malignant neoplasm of pyloric antrum
			3 1 17
Cancer	151.3	ICD9	Malignant neoplasm of fundus of stomach
Cancer	151.4		Malignant neoplasm of body of stomach
			Malignant neoplasm of lesser curvature of
Cancer	151.5	ICD9	stomach
		1023	Malignant neoplasm of greater curvature
Cancer	151.6	ICDa	of stomach
	131.0	.003	Malignant neoplasm of other specified
Cancer	151.8	ICD0	sites of stomach
Cancer	151.8		Malignant neoplasm of stomach
			Malignant neoplasm of colon
Cancer	153		
Cancer	153	ICD9	Malignant neoplasm of hepatic flexure

Cancer	153.1	ICD9	Malignant neoplasm of transverse colon
Cancer	153.2	ICD9	Malignant neoplasm of descending colon
Cancer	153.3	ICD9	Malignant neoplasm of sigmoid colon
Cancer	153.4	ICD9	Malignant neoplasm of cecum
			Malignant neoplasm of appendix
Cancer	153.5	ICD9	vermiformis
Cancer	153.6	ICD9	Malignant neoplasm of ascending colon
Cancer	153.7	ICD9	Malignant neoplasm of splenic flexure
			Malignant neoplasm of other specified
Cancer	153.8	ICD9	sites of large intestine
Cancer	153.9		Malignant neoplasm of colon
			Malignant neoplasm of other sites of
Cancer	154.8	ICD9	rectum
		4	Malignant neoplasm of liver and
Cancer	155	ICD9	intrahepatic bile ducts
			Malignant neoplasm of intrahepatic bile
Cancer	155.1	ICD9	ducts
Cancer	155.2		Malignant neoplasm of liver
Cancer	157		Malignant neoplasm of pancreas
Cancer	157		Malignant neoplasm of head of pancreas
Cancer	157.1		Malignant neoplasm of body of pancreas
Cancer	157.2		Malignant neoplasm of tail of pancreas
Cancer	157.3		Malignant neoplasm of pancreatic duct
Carreer	137.3	1000	Malignant neoplasm of islets of
Cancer	157.4	ICD9	Langerhans
Caricci	137.4	ICDS	Malignant neoplasm of other specified
Cancer	157.8	ICD0	sites of pancreas
Cancer	157.9		Malignant neoplasm of pancreas
Cancer	159		Malignant neoplasm of intestinal tract
Cancer	160		Malignant neoplasm of nasal cavities
			Malignant neoplasm of nasal cavities
Cancer	160		·
Cancer	160.1		Malignant neoplasm of auditory tube
Cancer	160.2		Malignant neoplasm of maxillary sinus
Cancer	160.3		Malignant neoplasm of ethmoidal sinus
Cancer	160.4		Malignant neoplasm of frontal sinus
Cancer	160.5	ICD9	Malignant neoplasm of sphenoidal sinus
6	460.5	1050	Malignant neoplasm of other accessory
Cancer	160.8		sinuses
Cancer	160.9		Malignant neoplasm of accessory sinus
Cancer	161	ICD9	Malignant neoplasm of larynx

Cancer	161	ICD9	Malignant neoplasm of glottis
Cancer	161.1		Malignant neoplasm of supraglottis
Cancer	161.2		Malignant neoplasm of subglottis
			Malignant neoplasm of laryngeal
Cancer	161.3	ICD9	cartilages
			Malignant neoplasm of other specified
Cancer	161.8	ICD9	sites of larynx
Cancer	161.9	ICD9	Malignant neoplasm of larynx
Cancer	162	ICD9	Malignant neoplasm of trachea
Cancer	162	ICD9	Malignant neoplasm of trachea
Cancer	162.2	ICD9	Malignant neoplasm of main bronchus
Cancer	162.3	ICD9	Malignant neoplasm of upper lobe
Cancer	162.4	ICD9	Malignant neoplasm of middle lobe
Cancer	162.5	ICD9	Malignant neoplasm of lower lobe
			Malignant neoplasm of other parts of
Cancer	162.8	ICD9	bronchus or lung
Cancer	162.9	ICD9	Malignant neoplasm of bronchus and lung
Cancer	163	ICD9	Malignant neoplasm of pleura
Cancer	163	ICD9	Malignant neoplasm of parietal pleura
Cancer	163.1	ICD9	Malignant neoplasm of visceral pleura
			Malignant neoplasm of other specified
Cancer	163.8	ICD9	sites of pleura
Cancer	163.9	ICD9	Malignant neoplasm of pleura
Cancer	164	ICD9	Malignant neoplasm of thymus
Cancer	164	ICD9	Malignant neoplasm of thymus
Cancer	164.1	ICD9	Malignant neoplasm of heart
			Malignant neoplasm of anterior
Cancer	164.2	ICD9	mediastinum
			Malignant neoplasm of posterior
Cancer	164.3	ICD9	mediastinum
			Malignant neoplasm of other parts of
Cancer	164.8	ICD9	mediastinum
Cancer	164.9	ICD9	Malignant neoplasm of mediastinum
			Malignant neoplasm of other and ill-
			defined sites within the respiratory
Cancer	165	ICD9	system and intrathoracic organs
			Malignant neoplasm of upper respiratory
Cancer	165	ICD9	tract

			Malignant neoplasm of other sites within
			the respiratory system and intrathoracic
Cancer	165.8	ICD9	organs
			Malignant neoplasm of ill-defined sites
Cancer	165.9	ICD9	within the respiratory system
			Malignant neoplasm of bone and articular
Cancer	170	ICD9	cartilage
			Malignant neoplasm of bones of skull and
Cancer	170	ICD9	face
Cancer	170.1	ICD9	Malignant neoplasm of mandible
Cancer	170.2	ICD9	Malignant neoplasm of vertebral column
Cancer	170.3	ICD9	Malignant neoplasm of ribs
			Malignant neoplasm of scapula and long
Cancer	170.4	ICD9	bones of upper limb
			Malignant neoplasm of short bones of
Cancer	170.5		upper limb
Cancer	170.6	ICD9	Malignant neoplasm of pelvic bones
			Malignant neoplasm of long bones of
Cancer	170.7	ICD9	lower limb
			Malignant neoplasm of short bones of
Cancer	170.8	ICD9	lower limb
			Malignant neoplasm of bone and articular
Cancer	170.9	ICD9	cartilage
			Malignant neoplasm of connective and
Cancer	171	ICD9	other soft tissue
	474	1000	Malignant neoplasm of connective and
Cancer	171	ICD9	other soft tissue of head
G	474.2	1000	Malignant neoplasm of connective and
Cancer	171.2	ICD9	other soft tissue of upper limb
Connection	171 0	ICDO	Malignant neoplasm of connective and
Cancer	171.3	ICD9	other soft tissue of lower limb
Cancor	171 4	ICDO	Malignant neoplasm of connective and other soft tissue of thorax
Cancer	171.4	ICD9	
Cancor	171 г	ICDO	Malignant neoplasm of connective and other soft tissue of abdomen
Cancer	171.5	ICD9	
Cancer	171.6	וכטט	Malignant neoplasm of connective and other soft tissue of pelvis
Cancer	1/1.0	ICD9	•
Cancer	171.7	ICDO	Malignant neoplasm of connective and other soft tissue of trunk
Cancer	1/1./	ICDS	סנוובו אטוג נואאשב טו נועווג

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Camaan	171.0	ICDO	Malignant neoplasm of other specified sites of connective and other soft tissue
Cancer	171.8	ICD9	
Camaan	171.0	ICDO	Malignant neoplasm of connective and
Cancer	171.9		other soft tissue
Cancer	173		Other malignant neoplasm of skin
Cancer	173	ICD9	Other malignant neoplasm of skin of lip
Cancer	173	ICD9	Unspecified malignant neoplasm of skin of lip
Cancer	173.09	ICD9	Other specified malignant neoplasm of skin of lip
•			Other malignant neoplasm of skin of
Cancer	173.1	ICD9	eyelid
Cancer	173.1	ICD9	Unspecified malignant neoplasm of eyelid
			Other specified malignant neoplasm of
Cancer	173.19	ICD9	eyelid
			Other malignant neoplasm of skin of ear
Cancer	173.2	ICD9	and external auditory canal
			Unspecified malignant neoplasm of skin
Cancer	173.2	ICD9	of ear and external auditory canal
			Other specified malignant neoplasm of
Cancer	173.29	ICD9	skin of ear and external auditory canal
			Other malignant neoplasm of skin of
Cancer	173.3	ICD9	other and unspecified parts of face
			Unspecified malignant neoplasm of skin
Cancer	173.3	ICD9	of other and unspecified parts of face
			Other specified malignant neoplasm of
Cancer	173.39	ICD9	skin of other and unspecified parts of face
			Other malignant neoplasm of scalp and
Cancer	173.4	ICD9	skin of neck
			Unspecified malignant neoplasm of scalp
Cancer	173.4	ICD9	and skin of neck
			Other specified malignant neoplasm of
Cancer	173.49	ICD9	scalp and skin of neck
Cancer	173.5	ICD9	Other malignant neoplasm of skin of trunk
			Unspecified malignant neoplasm of skin
Cancer	173.5	ICD9	of trunk

Other specified malignant neoplasm of Skin of trunk  Cancer 173.6 ICD9 upper limb  Unspecified malignant neoplasm of Skin of Upper limb  Cancer 173.6 ICD9 of upper limb  Other specified malignant neoplasm of Skin of Upper limb  Cancer 173.7 ICD9 lower limb  Cancer 173.7 ICD9 of lower limb  Cancer 173.7 ICD9 of lower limb  Cancer 173.7 ICD9 skin of lower limb  Cancer 173.8 ICD9 skin of lower limb  Cancer 173.8 ICD9 specified malignant neoplasm of other specified malignant neoplasm of Skin Other Specified malignant neoplasm of Sk	
Cancer 173.6 ICD9 upper limb  Cancer 173.6 ICD9 upper limb  Unspecified malignant neoplasm of skin of upper limb  Cancer 173.69 ICD9 of upper limb  Other specified malignant neoplasm of skin of Unspecified malignant neoplasm of skin of ICD9 skin of lower limb  Cancer 173.7 ICD9 lower limb  Other specified malignant neoplasm of other specified sites of skin  Unspecified malignant neoplasm of other specified sites of skin  Cancer 173.8 ICD9 specified sites of skin  Cancer 173.89 ICD9 Other malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Cancer 173.99 ICD9 Malignant neoplasm of male breast  Malignant neoplasm of nipple and area	
Cancer 173.6 ICD9 upper limb  Unspecified malignant neoplasm of skin of upper limb  Other specified malignant neoplasm of skin of upper limb  Cancer 173.69 ICD9 skin of upper limb  Other malignant neoplasm of skin of upper limb  Cancer 173.7 ICD9 lower limb  Unspecified malignant neoplasm of skin of lower limb  Cancer 173.7 ICD9 of lower limb  Cancer 173.8 ICD9 skin of lower limb  Other malignant neoplasm of other specified sites of skin  Unspecified malignant neoplasm of oth specified malignant neoplasm of oth specified sites of skin  Cancer 173.8 ICD9 specified sites of skin  Cancer 173.89 ICD9 Other malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Cancer 173.99 ICD9 Malignant neoplasm of male breast  Malignant neoplasm of nipple and area	
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Cancer 173.79 ICD9 skin of lower limb  Other malignant neoplasm of other  Cancer 173.8 ICD9 specified sites of skin  Unspecified malignant neoplasm of other  Specified sites of skin  Other specified malignant neoplasm of other  Cancer 173.89 ICD9 other specified sites of skin  Cancer 173.9 ICD9 Other malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Other specified malignant neoplasm of male breast  Malignant neoplasm of nipple and area	
Cancer 173.79 ICD9 skin of lower limb  Other malignant neoplasm of other  Cancer 173.8 ICD9 specified sites of skin  Unspecified malignant neoplasm of oth  Cancer 173.8 ICD9 specified sites of skin  Other specified malignant neoplasm of  Cancer 173.9 ICD9 Other malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Other specified malignant neoplasm of skin  Other specified malignant neoplasm of skin  Other specified malignant neoplasm of  Malignant neoplasm of nipple and ared	
Other malignant neoplasm of other  Cancer  173.8 ICD9 specified sites of skin  Unspecified malignant neoplasm of other  Cancer  173.8 ICD9 specified sites of skin  Other specified malignant neoplasm of  Cancer  173.89 ICD9 other specified sites of skin  Cancer  173.9 ICD9 Other malignant neoplasm of skin  Cancer  173.9 ICD9 Unspecified malignant neoplasm of skin  Other specified malignant neoplasm of skin  Other specified malignant neoplasm of  Malignant neoplasm of male breast  Malignant neoplasm of nipple and area	
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Cancer 173.89 ICD9 other specified sites of skin  Cancer 173.9 ICD9 Other malignant neoplasm of skin  Cancer 173.9 ICD9 Unspecified malignant neoplasm of skin  Other specified malignant neoplasm of skin  Other specified malignant neoplasm of skin  Other specified malignant neoplasm of skin  ICD9 Skin  Cancer 173.99 ICD9 skin  Cancer 175 ICD9 Malignant neoplasm of male breast  Malignant neoplasm of nipple and area	۲ <u>۰</u>
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Malignant neoplasm of nipple and area	
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Cancer 175 ICD9 of male breast	
Malignant neoplasm of other and	
Cancer 175.9 ICD9 unspecified sites of male breast	
Cancer 180 ICD9 Malignant neoplasm of cervix uteri	
Cancer 180 ICD9 Malignant neoplasm of endocervix	
Cancer 180.1 ICD9 Malignant neoplasm of exocervix	
Malignant neoplasm of other specified	
Cancer 180.8 ICD9 sites of cervix	
Cancer 180.9 ICD9 Malignant neoplasm of cervix uteri	
Cancer 184 ICD9 Malignant neoplasm of vagina	
Cancer 184.1 ICD9 Malignant neoplasm of labia majora	
Cancer 184.2 ICD9 Malignant neoplasm of labia minora	
Cancer 184.3 ICD9 Malignant neoplasm of clitoris	
Cancer 184.4 ICD9 Malignant neoplasm of vulva	

Cancer	185	ICD9	Malignant neoplasm of prostate
			Malignant neoplasm of penis and other
Cancer	187	ICD9	male genital organs
Cancer	190		Malignant neoplasm of eye
Cancer	190	ICD9	Malignant neoplasm of eyeball
Cancer	190.1	ICD9	Malignant neoplasm of orbit
Cancer	190.2	ICD9	Malignant neoplasm of lacrimal gland
Cancer	190.3	ICD9	Malignant neoplasm of conjunctiva
Cancer	190.4	ICD9	Malignant neoplasm of cornea
Cancer	190.5	ICD9	Malignant neoplasm of retina
Cancer	190.6	ICD9	Malignant neoplasm of choroid
Cancer	190.7	ICD9	Malignant neoplasm of lacrimal duct
		·	Malignant neoplasm of other specified
Cancer	190.8	ICD9	sites of eye
Cancer	190.9	ICD9	Malignant neoplasm of eye
Cancer	191	ICD9	Malignant neoplasm of brain
Cancer	191	ICD9	Malignant neoplasm of cerebrum
Cancer	191.1	ICD9	Malignant neoplasm of frontal lobe
Cancer	191.2	ICD9	Malignant neoplasm of temporal lobe
Cancer	191.3	ICD9	Malignant neoplasm of parietal lobe
Cancer	191.4	ICD9	Malignant neoplasm of occipital lobe
Cancer	191.5	ICD9	Malignant neoplasm of ventricles
Cancer	191.6	ICD9	Malignant neoplasm of cerebellum NOS
Cancer	191.7	ICD9	Malignant neoplasm of brain stem
			Malignant neoplasm of other parts of
Cancer	191.8	ICD9	brain
Cancer	191.9	ICD9	Malignant neoplasm of brain
			Malignant neoplasm of other and
Cancer	192	ICD9	unspecified parts of nervous system
Cancer	192	ICD9	Malignant neoplasm of cranial nerves
Cancer	192.1	ICD9	Malignant neoplasm of cerebral meninges
Cancer	192.2	ICD9	Malignant neoplasm of spinal cord
Cancer	192.3	ICD9	Malignant neoplasm of spinal meninges
			Malignant neoplasm of other specified
Cancer	192.8	ICD9	sites of nervous system
Cancer	192.9	ICD9	Malignant neoplasm of nervous system
Cancer	193	ICD9	Malignant neoplasm of thyroid gland
			Malignant neoplasm of other endocrine
Cancer	194	ICD9	glands and related structures

Cancer	194	ICD9	Malignant neoplasm of adrenal gland
Caricei	194	ICD3	I wangnant neopiasin of auterial gianu
Cancer	194.1	ICDO	Malignant neoplasm of parathyroid gland
Caricei	194.1	ICD3	
Canaar	104.3	ICDO	Malignant neoplasm of pituitary gland
Cancer	194.3		and craniopharyngeal duct
Cancer	194.4		Malignant neoplasm of pineal gland
Cancer	194.5	ICD9	Malignant neoplasm of carotid body
	1016	1000	Malignant neoplasm of aortic body and
Cancer	194.6	ICD9	other paraganglia
_			Malignant neoplasm of other endocrine
Cancer	194.8		glands and related structures
Cancer	194.9		Malignant neoplasm of endocrine gland
Cancer	195.1	ICD9	Malignant neoplasm of thorax
			Other malignant neoplasms of lymphoid
Cancer	202	ICD9	and histiocytic tissue
Cancer	202.3	ICD9	Malignant histiocytosis
Cancer	202.3	ICD9	Malignant histiocytosis
			Malignant histiocytosis involving lymph
Cancer	202.31	ICD9	nodes of head
			Malignant histiocytosis involving
Cancer	202.32	ICD9	intrathoracic lymph nodes
			Malignant histiocytosis involving intra-
Cancer	202.33	ICD9	abdominal lymph nodes
			Malignant histiocytosis involving lymph
Cancer	202.34	ICD9	nodes of axilla and upper limb
			Malignant histiocytosis involving lymph
Cancer	202.35	ICD9	nodes of inguinal region and lower limb
			Malignant histiocytosis involving
Cancer	202.36	ICD9	intrapelvic lymph nodes
Cancer	202.37	ICD9	Malignant histiocytosis involving spleen
			Malignant histiocytosis involving lymph
Cancer	202.38	ICD9	nodes of multiple sites
Cancer	202.5		Letterer-Siwe disease
Cancer	202.5		Letterer-Siwe disease
			Letterer-Siwe disease involving lymph
Cancer	202.51	ICD9	nodes of head
	-32.32		Letterer-Siwe disease involving
Cancer	202.52	ICD9	intrathoracic lymph nodes
	202.32	.555	Letterer-Siwe disease involving intra-
Cancer	202.53	ICD0	abdominal lymph nodes
Caricci	202.33	נטטו	abaomina iyinpii nodes

			Letterer-Siwe disease involving lymph
Cancer	202.54	ICD9	nodes of axilla and upper limb
			Letterer-Siwe disease involving lymph
Cancer	202.55	ICD9	nodes of inguinal region and lower limb
			Letterer-Siwe disease involving intrapelvic
Cancer	202.56	ICD9	lymph nodes
Cancer	202.57	ICD9	Letterer-Siwe disease involving spleen
			Letterer-Siwe disease involving lymph
Cancer	202.58	ICD9	nodes of multiple sites
Cancer	202.6	ICD9	Malignant mast cell tumors
Cancer	202.6	ICD9	Malignant mast cell tumors
			Malignant mast cell tumors involving
Cancer	202.61	ICD9	lymph nodes of head
			Malignant mast cell tumors involving
Cancer	202.62	ICD9	intrathoracic lymph nodes
			Malignant mast cell tumors involving intra-
Cancer	202.63	ICD9	abdominal lymph nodes
			Malignant mast cell tumors involving
Cancer	202.64	ICD9	lymph nodes of axilla and upper limb
			Malignant mast cell tumors involving
			lymph nodes of inguinal region and lower
Cancer	202.65	ICD9	limb
			Malignant mast cell tumors involving
Cancer	202.66	ICD9	intrapelvic lymph nodes
			Malignant mast cell tumors involving
Cancer	202.67	ICD9	spleen
			Malignant mast cell tumors involving
Cancer	202.68	ICD9	lymph nodes of multiple sites
			Malignant carcinoid tumors of the
Cancer	209.1	ICD9	appendix
			Malignant carcinoid tumor of the large
Cancer	209.1	ICD9	intestine
			Malignant carcinoid tumor of the
Cancer	209.11	ICD9	appendix
Cancer	209.12	ICD9	Malignant carcinoid tumor of the cecum
			Malignant carcinoid tumor of the
Cancer	209.13	ICD9	ascending colon
			Malignant carcinoid tumor of the
Cancer	209.14	ICD9	transverse colon
•			

			NACTOR OF THE COL
Canaca	200.45	ICDO	Malignant carcinoid tumor of the
Cancer	209.15	ICD9	descending colon
Cancor	209.16	ICDO	Malignant carcinoid tumor of the sigmoid colon
Cancer	209.16	ICD9	
Canaar	209.2	ICDO	Malignant carcinoid tumors of other and
Cancer	209.2	ICD9	unspecified sites
Cancor	200.2	ICDO	Malignant carcinoid tumor of unknown
Cancer	209.2	ICD9	primary site
Canaar	200.21	ICDO	Malignant carcinoid tumor of the
Cancer	209.21		bronchus and lung
Cancer	209.22	ICD9	Malignant carcinoid tumor of the thymus
Canaar	200.22	ICDO	Malignant carsing id tumor of the stamped
Cancer	209.23		Malignant carcinoid tumor of the stomach
Cancer	209.24	ICD9	Malignant carcinoid tumor of the kidney
Cancor	209.29	ICDO	Malignant carsinald tumors of other sites
Cancer	209.29	ICD9	Malignant carcinoid tumors of other sites
Cancor	209.3	ICDO	Malignant poorly differentiated neuroendocrine tumors
Cancer	209.5	ICD9	<u> </u>
Cancor	209.3	ICDO	Malignant poorly differentiated neuroendocrine carcinoma
Cancer	209.5	ICD9	
Canaar	200.21	ICDO	Merkel cell carcinoma of the face
Cancer	209.31	ICD9	(ADDED)
Cancer	209.32	ICDO	Merkel cell carcinoma of the scalp & neck (ADDED)
Cancer	209.32	ICDS	
Cancer	209.33	ICDO	Merkel cell carcinoma of the upper limb (ADDED)
Cancer	209.33	ICDS	
Cancer	209.34	ICDO	Merkel cell carcinoma of the lower limb
Cancer	209.54	ICDS	(ADDED)  Merkel cell carcinoma of the trunk
Cancer	209.35	ICDO	(ADDED)
Cancer	209.55	ICDS	,
Cancer	209.36	ICDO	Merkel cell carcinoma of other sites (ADDED)
Cancer	209.36		Secondary neuroendocrine tumor
Cancer	209.75		Merkel cell carcinoma
Cancer	209.75		Carcinoma in situ of lip
Cancer	230.1		Carcinoma in situ of esophagus
Cancer	230.1		Carcinoma in situ of esophagus  Carcinoma in situ of stomach
Cancer	230.2		Carcinoma in situ of stomach
Cancer	230.3	וכטא	
Cancer	220 o	וכחמ	Carcinoma in situ of liver and biliary
Cancer	230.8	ICD9	system

Cancer	231	ICD9	Carcinoma in situ of respiratory system
Cancer	231		Carcinoma in situ of larynx
Cancer	231.1		Carcinoma in situ of trachea
Cancer	231.2		Carcinoma in situ of bronchus and lung
			Carcinoma in situ of other specified parts
Cancer	231.8	ICD9	of respiratory system
Cancer	231.9		Carcinoma in situ of respiratory system
Cancer	232		Carcinoma in situ of skin
		.020	Carcinoma in situ of breast and
Cancer	233	ICD9	genitourinary system
Cancer	233		Carcinoma in situ of breast
Carroci		.023	Carcinoma in situ of other and unspecified
Cancer	233.3	ICD9	female genital organs
Carreer	233.3	1000	Carcinoma in situ of unspecified female
Cancer	233.3	ICD9	genital organ
Cancer	233.31		Carcinoma in situ of vagina
Cancer	233.32		Carcinoma in situ of vulva
Carreer	233.32	ICDS	Carcinoma in situ of other female genital
Cancer	233.39	ICDO	organ
Cancer	233.4		Carcinoma in situ of prostate
Cancer	233.5		Carcinoma in situ of prostate
Caricei	255.5	ICDS	Carcinoma in situ of other and unspecified
Cancer	233.6	ICDO	male genital organs
Cancer	233.7		Carcinoma in situ of bladder
Cancer	233.7	ICDS	
Cancor	233.9	ICDO	Carcinoma in situ of other and unspecified
Cancer	255.5	ICDS	urinary organs
Canaar	224	ICDO	Carcinoma in situ of other and unspecified
Cancer	234 234		sites Carcinoma in situ of eye
Cancer			Carcinoma in situ of eye  Carcinoma in situ of other specified sites
Cancer	234.8		·
Cancer	234.9	ICD9	Carcinoma in situ
Canada	226	ICDO	Na colores of consentain habanian of change
Cancer	236	ICD9	Neoplasm of uncertain behavior of uterus
	226.4	1000	Neoplasm of uncertain behavior of
Cancer	236.1		placenta
Cancer	236.2	ICD9	Neoplasm of uncertain behavior of ovary
			Neoplasm of uncertain behavior of other
Cancer	236.3	ICD9	and unspecified female genital organs
			Neoplasm of uncertain behavior of
Cancer	236.7	ICD9	bladder

			Neoplasm of unspecified nature of
Cancer	239.4	ICD9	bladder
Cancer	338.3	ICD9	Neoplasm related pain (acute) (chronic)
Cancer	795.82	ICD9	Elevated cancer antigen 125 [CA 125]
			Personal history of malignant neoplasm of
Cancer	V10.01	ICD10	tongue
			Personal history of malignant neoplasm of
Cancer	V10.03	ICD10	esophagus
			Personal history of malignant neoplasm of
Cancer	V10.04	ICD10	stomach
<b>←</b>			Personal history of malignant neoplasm of
Cancer	V10.05	ICD10	large intestine
			Personal history of malignant neoplasm of
Cancer	V10.1	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	V10.11	ICD10	bronchus and lung
		(	Personal history of malignant neoplasm of
Cancer	V10.12	ICD10	trachea
Camaan	V40.2	ICD10	Personal history of malignant neoplasm of
Cancer	V10.2	ICDIO	other respiratory and intrathoracic organs
Canaar	V10 20	ICD10	Personal history of malignant neoplasm of
Cancer	V10.20	ICDIO	unspecified respiratory organ
Cancer	V10.21	ICD10	Personal history of malignant neoplasm of
Cancer	V10.21	ICDIO	Personal history of malignant neoplasm of
Cancer	V10 22	ICD10	nasal cavities
Currect	V10.22	ICDIO	Tidadi cavitics
			Personal history of malignant neoplasm of
Cancer	V10.29	ICD10	other respiratory and intrathoracic organs
			Personal history of malignant neoplasm of
Cancer	V10.41	ICD10	cervix uteri
			Personal history of malignant neoplasm of
Cancer	V10.46	ICD10	prostate
			Personal history of malignant neoplasm of
Cancer	V10.48	ICD10	epididymis .
			Personal history of malignant neoplasm of
Cancer	V10.52	ICD10	kidney
			Personal history of other lymphatic and
Cancer	V10.7	ICD10	hematopoietic neoplasms

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			Personal history of other lymphatic and
Cancer	V10.79	ICD10	hematopoietic neoplasms
			Personal history of malignant neoplasm of
Cancer	V10.81	ICD10	bone
			Personal history of other malignant
Cancer	V10.83	ICD10	neoplasm of skin
			Personal history of malignant neoplasm of
Cancer	V10.84	ICD10	eye
			Personal history of malignant neoplasm of
Cancer	V10.85	ICD10	brain
			Personal history of malignant neoplasm of
Cancer	V10.86	ICD10	other parts of nervous system
			Personal history of malignant neoplasm of
Cancer	V10.87	ICD10	thyroid
			Personal history of malignant neoplasm of
			other endocrine glands and related
Cancer	V10.88	ICD10	structures
Cancer	C00	ICD10	Malignant neoplasm of lip
Cancer	C00.0	ICD10	Malignant neoplasm of external upper lip
Cancer	C00.1	ICD10	Malignant neoplasm of external lower lip
Cancer	C00.2	ICD10	Malignant neoplasm of external lip
Cancer	C00.3	ICD10	Malignant neoplasm of upper lip
Cancer	C00.4	ICD10	Malignant neoplasm of lower lip
Cancer	C00.5	ICD10	Malignant neoplasm of lip
Cancer	C00.6	ICD10	Malignant neoplasm of commissure of lip
			Malignant neoplasm of overlapping sites
Cancer	C00.8	ICD10	of lip
Cancer	C00.9	ICD10	Malignant neoplasm of lip
Cancer	C01	ICD10	Malignant neoplasm of base of tongue
			Malignant neoplasm of other and
Cancer	C02	ICD10	unspecified parts of tongue
			Malignant neoplasm of dorsal surface of
Cancer	C02.0	ICD10	tongue
Cancer	C02.1	ICD10	Malignant neoplasm of border of tongue
			Malignant neoplasm of ventral surface of
Cancer	C02.2	ICD10	tongue
			-

			Malignant neoplasm of anterior two-
Cancer	C02.3	ICD10	thirds of tongue
Cancer			Malignant neoplasm of lingual tonsil
			Malignant neoplasm of overlapping sites
Cancer	C02.8	ICD10	of tongue
Cancer			Malignant neoplasm of tongue
Cancer	C03	ICD10	Malignant neoplasm of gum
Cancer	C03.0	ICD10	Malignant neoplasm of upper gum
Cancer	C03.1	ICD10	Malignant neoplasm of lower gum
Cancer	C03.9	ICD10	Malignant neoplasm of gum
Cancer	C04	ICD10	Malignant neoplasm of floor of mouth
			Malignant neoplasm of anterior floor of
Cancer	C04.0	ICD10	mouth
			Malignant neoplasm of lateral floor of
Cancer	C04.1	ICD10	mouth
			Malignant neoplasm of overlapping sites
Cancer	C04.8	ICD10	of floor of mouth
Cancer	C04.9	ICD10	Malignant neoplasm of floor of mouth
Cancer	C05	ICD10	Malignant neoplasm of palate
Cancer	C05.0	ICD10	Malignant neoplasm of hard palate
Cancer	C05.1	ICD10	Malignant neoplasm of soft palate
Cancer	C05.2	ICD10	Malignant neoplasm of uvula
			Malignant neoplasm of overlapping sites
Cancer	C05.8	ICD10	of palate
Cancer	C05.9	ICD10	Malignant neoplasm of palate
			Malignant neoplasm of other and
Cancer	C06	ICD10	unspecified parts of mouth
Cancer	C06.0	ICD10	Malignant neoplasm of cheek mucosa
			Malignant neoplasm of vestibule of
Cancer	C06.1	ICD10	mouth
Cancer	C06.2	ICD10	Malignant neoplasm of retromolar area
			Malignant neoplasm of overlapping sites
Cancer	C06.8	ICD10	of other and unspecified parts of mouth
			Malignant neoplasm of overlapping sites
Cancer	C06.80	ICD10	of unspecified parts of mouth
			Malignant neoplasm of overlapping sites
Cancer	C06.89	ICD10	of other parts of mouth
Cancer	C06.9	ICD10	Malignant neoplasm of mouth
Cancer	C07	ICD10	Malignant neoplasm of parotid gland

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Caracar	600	10010	Malignant neoplasm of other and
Cancer	C08	ICDIO	unspecified major salivary glands
			Malignant neoplasm of submandibular
Cancer		ICD10	
Cancer	C08.1	ICD10	Malignant neoplasm of sublingual gland
			Malignant neoplasm of major salivary
Cancer		ICD10	
Cancer			Malignant neoplasm of tonsil
Cancer	C09.0	ICD10	Malignant neoplasm of tonsillar fossa
			Malignant neoplasm of tonsillar pillar
Cancer	C09.1	ICD10	(anterior) (posterior)
			Malignant neoplasm of overlapping sites
Cancer	C09.8	ICD10	of tonsil
Cancer	C09.9	ICD10	Malignant neoplasm of tonsil
Cancer			Malignant neoplasm of oropharynx
Cancer	C10.0	ICD10	Malignant neoplasm of vallecula
			Malignant neoplasm of anterior surface of
Cancer	C10.1	ICD10	epiglottis
			Malignant neoplasm of lateral wall of
Cancer	C10.2	ICD10	oropharynx
			Malignant neoplasm of posterior wall of
Cancer	C10.3	ICD10	oropharynx
Cancer	C10.4	ICD10	Malignant neoplasm of branchial cleft
			Malignant neoplasm of overlapping sites
Cancer	C10.8	ICD10	of oropharynx
Cancer	C10.9	ICD10	Malignant neoplasm of oropharynx
Cancer	C11	ICD10	Malignant neoplasm of nasopharynx
			Malignant neoplasm of superior wall of
Cancer	C11.0	ICD10	nasopharynx
			Malignant neoplasm of posterior wall of
Cancer	C11.1	ICD10	nasopharynx
			Malignant neoplasm of lateral wall of
Cancer	C11.2	ICD10	nasopharynx
			Malignant neoplasm of anterior wall of
Cancer	C11.3	ICD10	nasopharynx
			Malignant neoplasm of overlapping sites
Cancer	C11.8	ICD10	of nasopharynx
Cancer			Malignant neoplasm of nasopharynx
Cancer			Malignant neoplasm of pyriform sinus
		ı <b></b>	- 0

Cancor	C12.0	ICD10	Malignant neoplasm of postcricoid region
Cancer Cancer			
Cancer	C15.1	ICDIO	Malignant neoplasm of aryepiglottic fold
Conner	C12.2	ICD10	Malignant neoplasm of posterior wall of
Cancer	C13.2	ICDIO	hypopharynx
	642.0	16546	Malignant neoplasm of overlapping sites
Cancer	1		of hypopharynx
Cancer	C13.9	ICD10	Malignant neoplasm of hypopharynx
	A		Malignant neoplasm of other and ill-
Cancer			defined sites in the lip
Cancer			Malignant neoplasm of pharynx
Cancer	C14.2	ICD10	Malignant neoplasm of Waldeyer's ring
			Malignant neoplasm of overlapping sites
Cancer		ICD10	
Cancer	C15	ICD10	Malignant neoplasm of esophagus
			Malignant neoplasm of upper third of
Cancer	C15.3	ICD10	esophagus
			Malignant neoplasm of middle third of
Cancer	C15.4	ICD10	esophagus
			Malignant neoplasm of lower third of
Cancer	C15.5	ICD10	esophagus
			Malignant neoplasm of overlapping sites
Cancer	C15.8	ICD10	of esophagus
Cancer	C15.9	ICD10	Malignant neoplasm of esophagus
Cancer	C16	ICD10	Malignant neoplasm of stomach
Cancer	C16.0	ICD10	Malignant neoplasm of cardia
Cancer	C16.1	ICD10	Malignant neoplasm of fundus of stomach
Cancer			Malignant neoplasm of body of stomach
Cancer	C16.3	ICD10	Malignant neoplasm of pyloric antrum
Cancer	C16.4	ICD10	Malignant neoplasm of pylorus
			Malignant neoplasm of lesser curvature of
Cancer	C16.5	ICD10	stomach
			Malignant neoplasm of greater curvature
Cancer	C16.6	ICD10	of stomach
			Malignant neoplasm of overlapping sites
Cancer	C16.8	ICD10	of stomach
Cancer			Malignant neoplasm of stomach
Cancer			Malignant neoplasm of colon
Cancer			Malignant neoplasm of cecum
	020.0		

Cancer	C18.1	ICD10	Malignant neoplasm of appendix
Cancer			Malignant neoplasm of ascending colon
Cancer			Malignant neoplasm of hepatic flexure
Cancer			Malignant neoplasm of transverse colon
Cancer			Malignant neoplasm of splenic flexure
Cancer			Malignant neoplasm of descending colon
Cancer	C18.7	ICDIO	Malignant neoplasm of sigmoid colon
Canaca	C10.0	ICD10	Malignant neoplasm of overlapping sites
Cancer			of colon
Cancer			Malignant neoplasm of colon
Cancer	C21.2	ICD10	Malignant neoplasm of cloacogenic zone
			Malignant neoplasm of overlapping sites
Cancer	C21.8	ICD10	of rectum
			Malignant neoplasm of liver and
Cancer			intrahepatic bile ducts
Cancer			Intrahepatic bile duct carcinoma
Cancer			Malignant neoplasm of liver
Cancer	C25	ICD10	Malignant neoplasm of pancreas
Cancer	C25.0	ICD10	Malignant neoplasm of head of pancreas
Cancer	C25.1	ICD10	Malignant neoplasm of body of pancreas
Cancer	C25.2	ICD10	Malignant neoplasm of tail of pancreas
Cancer	C25.3	ICD10	Malignant neoplasm of pancreatic duct
			Malignant neoplasm of endocrine
Cancer	C25.4	ICD10	pancreas
			Malignant neoplasm of other parts of
Cancer	C25.7	ICD10	pancreas
			Malignant neoplasm of overlapping sites
Cancer	C25.8	ICD10	of pancreas
Cancer			Malignant neoplasm of pancreas
Cancer			Malignant neoplasm of intestinal tract
Cancer			Malignant neoplasm of nasal cavity
Cancer			Malignant neoplasm of middle ear
	555.1	.02.20	
Cancer	C31	ICD10	Malignant neoplasm of accessory sinuses
Cancer			Malignant neoplasm of maxillary sinus
Cancer			Malignant neoplasm of ethmoidal sinus
Cancer			Malignant neoplasm of frontal sinus
Cancer			Malignant neoplasm of sphenoid sinus
Caricei	C31.3	ICDIO	
Cancor	C24 0	ICD10	Malignant neoplasm of overlapping sites
Cancer	C31.8	ICDIO	of accessory sinuses

Cancer	C34.9	ICD10	of bronchus or lung
			Malignant neoplasm of unspecified part
Cancer	C34.82	ICD10	of left bronchus and lung
Carloci	C54.01	10010	Malignant neoplasm of overlapping sites
Cancer	C34 81	ICD10	of right bronchus and lung
Caricei	C34.6U	ICDIO	Malignant neoplasm of overlapping sites
Cancer	C3/1 8U	ICD10	Malignant neoplasm of overlapping sites of unspecified bronchus and lung
Cancer	C34.8	ICDIO	of bronchus and lung
Cancor	C24.9	ICD10	Malignant neoplasm of overlapping sites
Cancer	C34.32	ICD10	Malignant neoplasm of lower lobe
Cancer			Malignant neoplasm of lower lobe
Cancer			Malignant neoplasm of lower lobe
Cancer			Malignant neoplasm of lower lobe
Cancer			Malignant neoplasm of middle lobe
Cancer			Malignant neoplasm of upper lobe
Cancer			Malignant neoplasm of upper lobe
Cancer			Malignant neoplasm of upper lobe
Cancer			Malignant neoplasm of upper lobe
Cancer			bronchus  Malignant populare of upper labor
Cancar	C24 C2	ICD10	Malignant neoplasm of left main
Cancer	C34.01	ICD10	
Cancar	C24 C4	ICD10	Malignant neoplasm of right main bronchus
Cancer	C34.00	ICD10	bronchus
Canaan	624.00	ICD40	Malignant neoplasm of unspecified main
Cancer	C34.0	ICD10	Malignant neoplasm of main bronchus
Cancer			Malignant neoplasm of bronchus and lung
<b>C</b>		10040	National contract to
Cancer	C33	ICD10	Malignant neoplasm of trachea
Cancer			Malignant neoplasm of larynx
Cancer			of larynx
			Malignant neoplasm of overlapping sites
Cancer	C32.3	ICD10	Malignant neoplasm of laryngeal cartilage
Cancer	C32.2	ICD10	Malignant neoplasm of subglottis
Cancer	C32.1	ICD10	Malignant neoplasm of supraglottis
Cancer	C32.0	ICD10	Malignant neoplasm of glottis
Cancer	C32	ICD10	Malignant neoplasm of larynx
			Malignant neoplasm of accessory sinus

			Malignant popularm of consequitied gard
Cancer	(3/I DU	ICD10	Malignant neoplasm of unspecified part of unspecified bronchus or lung
Cancer	C34.90	ICDIO	Malignant neoplasm of unspecified part
Cancer	C34 91	ICD10	of right bronchus or lung
Caricer	C54.51	ICDIO	Malignant neoplasm of unspecified part
Cancer	C34 92	ICD10	of left bronchus or lung
Cancer			Malignant neoplasm of thymus
Cancer			Malignant neoplasm of heart
Carreer	000.0	10220	Malignant neoplasm of anterior
Cancer	C38.1	ICD10	mediastinum
Carreer	000.12	10010	Malignant neoplasm of posterior
Cancer	C38.2	ICD10	mediastinum
Cancer			Malignant neoplasm of mediastinum
Cancer			Malignant neoplasm of pleura
			Malignant neoplasm of overlapping sites
Cancer	C38.8	ICD10	of heart
			Malignant neoplasm of other and ill-
			defined sites in the respiratory system
Cancer	C39	ICD10	and intrathoracic organs
			Malignant neoplasm of upper respiratory
Cancer	C39.0	ICD10	tract
			Malignant neoplasm of lower respiratory
Cancer	C39.9	ICD10	tract
			Malignant neoplasm of bone and articular
Cancer	C40	ICD10	cartilage of limbs
			Malignant neoplasm of scapula and long
Cancer	C40.0	ICD10	bones of upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.00	ICD10	bones of unspecified upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.01	ICD10	bones of right upper limb
			Malignant neoplasm of scapula and long
Cancer	C40.02	ICD10	bones of left upper limb
			Malignant neoplasm of short bones of
Cancer	C40.1	ICD10	upper limb
			Malignant neoplasm of short bones of
Cancer	C40.10	ICD10	unspecified upper limb
			Malignant neoplasm of short bones of
Cancer	C40.11	ICD10	right upper limb

			Malignant neoplasm of short bones of left
Cancer	C40.12	ICD10	upper limb
			Malignant neoplasm of long bones of
Cancer	C40.2	ICD10	lower limb
			Malignant neoplasm of long bones of
Cancer	C40.20	ICD10	unspecified lower limb
			Malignant neoplasm of long bones of
Cancer	C40.21	ICD10	right lower limb
			Malignant neoplasm of long bones of left
Cancer	C40.22	ICD10	lower limb
			Malignant neoplasm of short bones of
Cancer	C40.3	ICD10	lower limb
	0.10.00	10040	Malignant neoplasm of short bones of
Cancer	C40.30	ICD10	unspecified lower limb
Carrage	640.24	10040	Malignant neoplasm of short bones of
Cancer	C40.31	ICD10	right lower limb
Canaar	C40 22	ICD10	Malignant neoplasm of short bones of left
Cancer	C40.32	ICDIO	lower limb
Cancer	C40.8	ICD10	Malignant neoplasm of overlapping sites of bone and articular cartilage of limb
- Cambo	0.0.0	.02.20	Malignant neoplasm of overlapping sites
			of bone and articular cartilage of
Cancer	C40.80	ICD10	unspecified limb
			Malignant neoplasm of overlapping sites
			of bone and articular cartilage of right
Cancer	C40.81	ICD10	limb
			Malignant neoplasm of overlapping sites
Cancer	C40.82	ICD10	of bone and articular cartilage of left limb
			Malignant neoplasm of unspecified bones
Cancer	C40.9	ICD10	and articular cartilage of limb
Canaar	C40.00	ICD40	Malignant neoplasm of unspecified bones
Cancer	C40.90	ICDIO	and articular cartilage of unspecified limb
			Malignant neoplasm of unspecified bones
Cancer	<i>C4</i> 0 91	ICD10	and articular cartilage of right limb
Curicci	C <del>7</del> 0.51	10010	Malignant neoplasm of unspecified bones
Cancer	C40 92	ICD10	and articular cartilage of left limb
Caricci	C-10.52	ICDIO	and articular cartilage of left lifts

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Cancer	C41	ICD10	Malignant neoplasm of bone and articular cartilage of other and unspecified sites
			Malignant neoplasm of bones of skull and
Cancer	C41.0	ICD10	face
Cancer	C41.1	ICD10	Malignant neoplasm of mandible
Cancer	C41.2	ICD10	Malignant neoplasm of vertebral column
Cancer	C41.3	ICD10	Malignant neoplasm of ribs
Cancer	C41.4	ICD10	Malignant neoplasm of pelvic bones
Cancer	C41.9	ICD10	Malignant neoplasm of bone and articular cartilage
Cancer	C44.0	ICD10	Other and unspecified malignant neoplasm of skin of lip
Cancer	C44.00	ICD10	Unspecified malignant neoplasm of skin of lip
Cancer	C44.09	ICD10	Other specified malignant neoplasm of skin of lip
Cancer			Other and unspecified malignant neoplasm of skin of eyelid
Cancer	C44.10	ICD10	Unspecified malignant neoplasm of skin of eyelid
Cancer	C44.101	ICD10	Unspecified malignant neoplasm of skin of unspecified eyelid
Cancer	C44.102	ICD10	Unspecified malignant neoplasm of skin of right eyelid
Cancer	C44.109	ICD10	Unspecified malignant neoplasm of skin of left eyelid
Cancer	C44.11	ICD10	Basal cell carcinoma of skin of eyelid
Cancer	C44.12	ICD10	Squamous cell carcinoma of skin of eyelid
Cancer	C44.19	ICD10	Other specified malignant neoplasm of skin of eyelid
Cancer	C44.191	ICD10	Other specified malignant neoplasm of skin of unspecified eyelid
Cancer	C44.192	ICD10	Other specified malignant neoplasm of skin of right eyelid
Cancer	C44.199	ICD10	Other specified malignant neoplasm of skin of left eyelid

Cancer	C44.39	ICD10	skin of other and unspecified parts of face
			Other specified malignant neoplasm of
Cancer	C44.31	ICD10	Basal cell carcinoma of skin of other and unspecified parts of face
Cancer	C44.309	ICD10	Unspecified malignant neoplasm of skin of other parts of face
Cancer	C44.301	ICD10	of nose
Cancer	C44.300	ICD10	of unspecified part of face Unspecified malignant neoplasm of skin
Cancer	C44.30	ICD10	Unspecified malignant neoplasm of skin of other and unspecified parts of face Unspecified malignant neoplasm of skin
Cancer	C44.299	ICD10	
	111111111111111111111111111111111111111		Other specified malignant neoplasm of skin of left ear and external auricular
Cancer	C44.292	ICD10	skin of right ear and external auricular canal
	3231		Other specified malignant neoplasm of
Cancer	C44.291	ICD10	Other specified malignant neoplasm of skin of unspecified ear and external auricular canal
Cancer	C44.29	ICD10	Other specified malignant neoplasm of skin of ear and external auricular canal
Cancer	C44.22	ICD10	and external auricular canal
			Squamous cell carcinoma of skin of ear
Cancer	C44.21	ICD10	Basal cell carcinoma of skin of ear and external auricular canal
Cancer	C44.209	ICD10	Unspecified malignant neoplasm of skin of left ear and external auricular canal
Cancer	C44.202	ICD10	Unspecified malignant neoplasm of skin of right ear and external auricular canal
Cancer	C44.201	ICD10	
Cancer	C44.20	ICD10	Unspecified malignant neoplasm of skin of ear and external auricular canal
Cancer	C44.2	ICD10	Other and unspecified malignant neoplasm of skin of ear and external auricular canal

			Other specified malignant neoplasm of
Cancer	C44.390	ICD10	skin of unspecified parts of face
			Other specified malignant neoplasm of
Cancer	C44.391	ICD10	skin of nose
			Other specified malignant neoplasm of
Cancer	C44.399	ICD10	skin of other parts of face
			Other and unspecified malignant
Cancer	C44.4	ICD10	neoplasm of skin of scalp and neck
			Unspecified malignant neoplasm of skin
Cancer	C44.40	ICD10	of scalp and neck
_			Other specified malignant neoplasm of
Cancer	C44.49	ICD10	skin of scalp and neck
C	C44 F00	10010	Unspecified malignant neoplasm of anal
Cancer	C44.500	ICDIO	
Cancor	C44 F01	ICD10	Unspecified malignant neoplasm of skin of breast
Cancer	C44.501	ICDIO	
Cancer	C44 509	ICD10	Unspecified malignant neoplasm of skin of other part of trunk
Cancer			Basal cell carcinoma of skin of trunk
Cancer			Squamous cell carcinoma of skin of trunk
	011132	10010	Other specified malignant neoplasm of
Cancer	C44.59	ICD10	skin of trunk
			Other specified malignant neoplasm of
Cancer	C44.590	ICD10	anal skin
			Other specified malignant neoplasm of
Cancer	C44.591	ICD10	skin of breast
			Other specified malignant neoplasm of
Cancer	C44.599	ICD10	skin of other part of trunk
			Other and unspecified malignant
Cancer	C44.6	ICD10	neoplasm of skin of upper limb
_			Unspecified malignant neoplasm of skin
Cancer	C44.60	ICD10	of upper limb
		10516	Unspecified malignant neoplasm of skin
Cancer	C44.601	ICD10	of unspecified upper limb
Cancor	C44 603	ICD10	Unspecified malignant neoplasm of skin
Cancer	C44.60Z	ICDIO	of right upper limb
Cancer	C44 600	ICD10	Unspecified malignant neoplasm of skin of left upper limb
Caricei	C44.003	ICDIO	or left apper mino
Cancer	C44 61	ICD10	Basal cell carcinoma of skin of upper limb
	C77.01	.0210	24347 Cen caremonia of skill of apper lillio

			Carramana and carrier area of chira of manage
Cancer	C44.62	ICD10	Squamous cell carcinoma of skin of upper limb
			Other specified malignant neoplasm of
Cancer	C44.69	ICD10	skin of upper limb
			Other specified malignant neoplasm of
Cancer	C44.691	ICD10	skin of unspecified upper limb
			Other specified malignant neoplasm of
Cancer	C44.692	ICD10	skin of right upper limb
			Other specified malignant neoplasm of
Cancer	C44.699	ICD10	skin of left upper limb
•			Other and unspecified malignant
Cancer	C44.7	ICD10	neoplasm of skin of lower limb
			Unspecified malignant neoplasm of skin
Cancer	C44.70	ICD10	of lower limb
			Unspecified malignant neoplasm of skin
Cancer	C44.701	ICD10	of unspecified lower limb
			Unspecified malignant neoplasm of skin
Cancer	C44.702	ICD10	of right lower limb
			Unspecified malignant neoplasm of skin
Cancer	C44.709	ICD10	of left lower limb
Cancer	C44.71	ICD10	Basal cell carcinoma of skin of lower limb
			Squamous cell carcinoma of skin of lower
Cancer	C44.72	ICD10	
			Other specified malignant neoplasm of
Cancer	C44.79	ICD10	skin of lower limb
			Other specified malignant neoplasm of
Cancer	C44.791	ICD10	skin of unspecified lower limb
			Other specified malignant neoplasm of
Cancer	C44.792	ICD10	skin of right lower limb
			Other specified malignant neoplasm of
Cancer	C44.799	ICD10	skin of left lower limb
			Other and unspecified malignant
Cancer	C44.8	ICD10	neoplasm of overlapping sites of skin
			Unspecified malignant neoplasm of
Cancer	C44.80	ICD10	overlapping sites of skin
			Other specified malignant neoplasm of
Cancer	C44.89	ICD10	overlapping sites of skin
			Other and unspecified malignant
Cancer	C44.9	ICD10	neoplasm of skin
	33		

Cancer	C44.90	ICD10	Unspecified malignant neoplasm of skin
			Other specified malignant neoplasm of
Cancer	C44.99	ICD10	skin
Cancer	C45.0	ICD10	Mesothelioma of pleura
Cancer	C45.2	ICD10	Mesothelioma of pericardium
			Malignant neoplasm of peripheral nerves
Cancer	C47	ICD10	and autonomic nervous system
			Malignant neoplasm of peripheral nerves
Cancer	C47.0	ICD10	of head
			Malignant neoplasm of peripheral nerves
Cancer	C47.1	ICD10	of upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.10	ICD10	of unspecified upper limb
		<b>6</b>	Malignant neoplasm of peripheral nerves
Cancer	C47.11	ICD10	of right upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.12	ICD10	of left upper limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.2	ICD10	of lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.20	ICD10	of unspecified lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.21	ICD10	of right lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.22	ICD10	of left lower limb
			Malignant neoplasm of peripheral nerves
Cancer	C47.3	ICD10	of thorax
			Malignant neoplasm of peripheral nerves
Cancer	C47.4	ICD10	of abdomen
	6.5	105.46	Malignant neoplasm of peripheral nerves
Cancer	C47.5	ICD10	of pelvis
Canada	647.6	10040	Malignant neoplasm of peripheral nerves
Cancer	C47.6	ICD10	of trunk
			Malignant neoplasm of overlapping sites
Cancor	C17 0	ICD10	of peripheral nerves and autonomic
Cancer	C47.8	ICDIO	nervous system  Malignant popularm of poripheral popular
Cancer	C47.0	ICD10	Malignant neoplasm of peripheral nerves and autonomic nervous system
Cancer	C47.9	ICDIO	-
Cancer	C40 0	ICD10	Malignant neoplasm of other connective and soft tissue
Caricei	C43.U	ICDIO	מווע שווג נוששע

Cancer	C/19 O	ICD10	Malignant neoplasm of connective and soft tissue of head
Caricei	C+3.0	ICDIO	
Canacan	C40 1	ICD10	Malignant neoplasm of connective and
Cancer	C49.1	ICDIO	soft tissue of upper limb
	040.40		Malignant neoplasm of connective and
Cancer	C49.10	ICD10	soft tissue of unspecified upper limb
			Malignant neoplasm of connective and
Cancer	C49.11	ICD10	soft tissue of right upper limb
			Malignant neoplasm of connective and
Cancer	C49.12	ICD10	soft tissue of left upper limb
•			Malignant neoplasm of connective and
Cancer	C49.2	ICD10	soft tissue of lower limb
			Malignant neoplasm of connective and
Cancer	C49.20	ICD10	soft tissue of unspecified lower limb
			Malignant neoplasm of connective and
Cancer	C49.21	ICD10	soft tissue of right lower limb
			Malignant neoplasm of connective and
Cancer	C49.22	ICD10	soft tissue of left lower limb
			Malignant neoplasm of connective and
Cancer	C49.3	ICD10	soft tissue of thorax
			Malignant neoplasm of connective and
Cancer	C49.4	ICD10	soft tissue of abdomen
			Malignant neoplasm of connective and
Cancer	C49.5	ICD10	soft tissue of pelvis
			Malignant neoplasm of connective and
Cancer	C49.6	ICD10	soft tissue of trunk
Carroci	0.5.0	10210	Malignant neoplasm of overlapping sites
Cancer	C/10 8	ICD10	of connective and soft tissue
Caricei	C+3.6	ICDIO	
Cancer	C40 0	ICD10	Malignant neoplasm of connective and soft tissue
Cancer			Gastrointestinal stromal tumor
Cancer	C49.AU	ICDIO	Gastrointestinal stromal tumor
Canaar	C40 44	10040	Gastrointestinal stromal tumor of
Cancer	C49.A1	ICD10	esophagus
	0.40.40	105.46	Gastrointestinal stromal tumor of
Cancer	C49.A2	ICD10	stomach
			Gastrointestinal stromal tumor of small
Cancer	C49.A3	ICD10	intestine
			Gastrointestinal stromal tumor of large
Cancer	C49.A4	ICD10	intestine

Cancer	C49.A5	ICD10	Gastrointestinal stromal tumor of rectum
		102.20	Gastrointestinal stromal tumor of other
Cancer	C49.A9	ICD10	
Cancer			Merkel cell carcinoma
Cancer			Merkel cell carcinoma of lip
Cancer			Merkel cell carcinoma of eyelid
Carreer	017112	10010	Merkel cell carcinoma of unspecified
Cancer	C4A.10	ICD10	•
Cancer			Merkel cell carcinoma of right eyelid
Cancer			Merkel cell carcinoma of left eyelid
- Carreer		.0220	Merkel cell carcinoma of ear and external
Cancer	C4A.2	ICD10	auricular canal
Carreer	011.112	10010	Merkel cell carcinoma of unspecified ear
Cancer	C4A.20	ICD10	and external auricular canal
			Merkel cell carcinoma of right ear and
Cancer	C4A.21	ICD10	external auricular canal
			Merkel cell carcinoma of left ear and
Cancer	C4A.22	ICD10	external auricular canal
			Merkel cell carcinoma of other and
Cancer	C4A.3	ICD10	unspecified parts of face
			Merkel cell carcinoma of unspecified part
Cancer	C4A.30	ICD10	
Cancer	C4A.31	ICD10	Merkel cell carcinoma of nose
			Merkel cell carcinoma of other parts of
Cancer	C4A.39	ICD10	-
Cancer	C4A.4	ICD10	Merkel cell carcinoma of scalp and neck
Cancer	C4A.5	ICD10	Merkel cell carcinoma of trunk
Cancer	C4A.51	ICD10	Merkel cell carcinoma of anal skin
Cancer	C4A.52	ICD10	Merkel cell carcinoma of skin of breast
			Merkel cell carcinoma of other part of
Cancer	C4A.59	ICD10	trunk
Cancer	C4A.6	ICD10	Merkel cell carcinoma of upper limb
			Merkel cell carcinoma of unspecified
Cancer	C4A.60	ICD10	upper limb
Cancer	C4A.61	ICD10	Merkel cell carcinoma of right upper limb
Cancer	C4A.62	ICD10	Merkel cell carcinoma of left upper limb
Cancer	C4A.7	ICD10	Merkel cell carcinoma of lower limb

			Merkel cell carcinoma of unspecified
Cancer	C4A 70	ICD10	lower limb
Carreer	0 17 1.7 0	10010	lower mins
Cancer	C4A.71	ICD10	Merkel cell carcinoma of right lower limb
Cancer			Merkel cell carcinoma of left lower limb
Cancer	C4A.8	ICD10	Merkel cell carcinoma of overlapping sites
Cancer			Merkel cell carcinoma
Cancer	C50.02	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.021	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.022	ICD10	Malignant neoplasm of nipple and areola
Cancer	C50.029	ICD10	Malignant neoplasm of nipple and areola
			Malignant neoplasm of central portion of
Cancer	C50.12	ICD10	breast
			Malignant neoplasm of central portion of
Cancer	C50.121	ICD10	right male breast
			Malignant neoplasm of central portion of
Cancer	C50.122	ICD10	left male breast
			Malignant neoplasm of central portion of
Cancer	C50.129	ICD10	unspecified male breast
			Malignant neoplasm of upper-inner
Cancer	C50.22	ICD10	quadrant of breast
			Malignant neoplasm of upper-inner
Cancer	C50.221	ICD10	quadrant of right male breast
			Malignant neoplasm of upper-inner
Cancer	C50.222	ICD10	quadrant of left male breast
			Malignant neoplasm of upper-inner
Cancer	C50.229	ICD10	quadrant of unspecified male breast
_			Malignant neoplasm of lower-inner
Cancer	C50.32	ICD10	quadrant of breast
			Malignant neoplasm of lower-inner
Cancer	C50.321	ICD10	quadrant of right male breast
			Malignant neoplasm of lower-inner
Cancer	C50.322	ICD10	quadrant of left male breast
	070 000	10546	Malignant neoplasm of lower-inner
Cancer	C50.329	ICD10	quadrant of unspecified male breast
	050.40	10040	Malignant neoplasm of upper-outer
Cancer	C50.42	ICD10	quadrant of breast
Compar	CEO 424	10040	Malignant neoplasm of upper-outer
Cancer	C50.421	ICD10	quadrant of right male breast

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Cancor	CEO 422	ICD10	Malignant neoplasm of upper-outer quadrant of left male breast
Cancer	C50.422	ICDIO	·
Cancor	CEO 420	ICD10	Malignant neoplasm of upper-outer quadrant of unspecified male breast
Cancer	C50.429	ICDIO	· · · · · · · · · · · · · · · · · · ·
Canaar	CEO E 2	ICD10	Malignant neoplasm of lower-outer
Cancer	C50.52	ICDIO	quadrant of breast
Canaca	CEO E31	ICD10	Malignant neoplasm of lower-outer
Cancer	C50.521	ICDIO	quadrant of right male breast
C	CEO E22	10040	Malignant neoplasm of lower-outer
Cancer	C50.522	ICD10	quadrant of left male breast
	050.500	10540	Malignant neoplasm of lower-outer
Cancer	C50.529	ICD10	quadrant of unspecified male breast
			Malignant neoplasm of axillary tail of
Cancer	C50.62	ICD10	
			Malignant neoplasm of axillary tail of
Cancer	C50.621	ICD10	right male breast
			Malignant neoplasm of axillary tail of left
Cancer	C50.622	ICD10	male breast
			Malignant neoplasm of axillary tail of
Cancer	C50.629	ICD10	unspecified male breast
			Malignant neoplasm of overlapping sites
Cancer	C50.82	ICD10	of breast
			Malignant neoplasm of overlapping sites
Cancer	C50.821	ICD10	of right male breast
			Malignant neoplasm of overlapping sites
Cancer	C50.822	ICD10	of left male breast
			Malignant neoplasm of overlapping sites
Cancer	C50.829	ICD10	of unspecified male breast
			Malignant neoplasm of breast of
Cancer	C50.92	ICD10	unspecified site
			Malignant neoplasm of unspecified site of
Cancer	C50.921	ICD10	right male breast
			Malignant neoplasm of unspecified site of
Cancer	C50.922	ICD10	left male breast
			Malignant neoplasm of unspecified site of
Cancer	C50.929	ICD10	unspecified male breast
Cancer			Malignant neoplasm of vulva
Cancer	1		Malignant neoplasm of labium majus
Cancer	i e		Malignant neoplasm of labium minus
Cancer			Malignant neoplasm of clitoris

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Cancer	C51.9	ICD10	Malignant neoplasm of vulva
Cancer	C52	ICD10	Malignant neoplasm of vagina
Cancer	C53	ICD10	Malignant neoplasm of cervix uteri
Cancer	C53.0	ICD10	Malignant neoplasm of endocervix
Cancer	C53.1	ICD10	Malignant neoplasm of exocervix
			Malignant neoplasm of overlapping sites
Cancer	C53.8	ICD10	of cervix uteri
Cancer	C53.9	ICD10	Malignant neoplasm of cervix uteri
Cancer	C61	ICD10	Malignant neoplasm of prostate
Cancer	C69	ICD10	Malignant neoplasm of eye and adnexa
Cancer	C69.0	ICD10	Malignant neoplasm of conjunctiva
			Malignant neoplasm of unspecified
Cancer	C69.00	ICD10	conjunctiva
Cancer	C69.01	ICD10	Malignant neoplasm of right conjunctiva
Cancer	C69.02	ICD10	Malignant neoplasm of left conjunctiva
Cancer	C69.1	ICD10	Malignant neoplasm of cornea
			Malignant neoplasm of unspecified
Cancer	C69.10	ICD10	cornea
Cancer	C69.11	ICD10	Malignant neoplasm of right cornea
Cancer	C69.12	ICD10	Malignant neoplasm of left cornea
Cancer	C69.2	ICD10	Malignant neoplasm of retina
Cancer	C69.20	ICD10	Malignant neoplasm of unspecified retina
Cancer	C69.21	ICD10	Malignant neoplasm of right retina
Cancer	C69.22	ICD10	Malignant neoplasm of left retina
Cancer	C69.3	ICD10	Malignant neoplasm of choroid
			Malignant neoplasm of unspecified
Cancer	C69.30	ICD10	choroid
Cancer	C69.31	ICD10	Malignant neoplasm of right choroid
Cancer	C69.32	ICD10	Malignant neoplasm of left choroid
Cancer	C69.4	ICD10	Malignant neoplasm of ciliary body
			Malignant neoplasm of unspecified ciliary
Cancer	C69.40	ICD10	
Cancer	C69.41	ICD10	Malignant neoplasm of right ciliary body
Cancer	C69.42	ICD10	Malignant neoplasm of left ciliary body
			Malignant neoplasm of lacrimal gland and
Cancer	C69.5	ICD10	
			Malignant neoplasm of unspecified
Cancer	C69.50	ICD10	lacrimal gland and duct
•	_		-

		Malignant neoplasm of right lacrimal
C69.51	ICD10	gland and duct
		Malignant neoplasm of left lacrimal gland
C69.52	ICD10	
C69.6	ICD10	Malignant neoplasm of orbit
		Malignant neoplasm of unspecified orbit
C69.61	ICD10	Malignant neoplasm of right orbit
		Malignant neoplasm of left orbit
		Malignant neoplasm of overlapping sites
C69.8	ICD10	of eye and adnexa
		Malignant neoplasm of overlapping sites
C69.80	ICD10	of unspecified eye and adnexa
		Malignant neoplasm of overlapping sites
C69.81	ICD10	of right eye and adnexa
		Malignant neoplasm of overlapping sites
C69.82	ICD10	of left eye and adnexa
		Malignant neoplasm of unspecified site of
C69.9	ICD10	eye
		Malignant neoplasm of unspecified site of
C69.90	ICD10	unspecified eye
		Malignant neoplasm of unspecified site of
C69.91	ICD10	right eye
		Malignant neoplasm of unspecified site of
C69.92	ICD10	left eye
C70	ICD10	Malignant neoplasm of meninges
		Malignant neoplasm of cerebral meninges
C70.1	ICD10	Malignant neoplasm of spinal meninges
C70.9	ICD10	Malignant neoplasm of meninges
C71	ICD10	Malignant neoplasm of brain
C71.0	ICD10	Malignant neoplasm of cerebrum
C71.1	ICD10	Malignant neoplasm of frontal lobe
C71.2	ICD10	Malignant neoplasm of temporal lobe
C71.3	ICD10	Malignant neoplasm of parietal lobe
C71.4	ICD10	Malignant neoplasm of occipital lobe
C71.5	ICD10	Malignant neoplasm of cerebral ventricle
C71.6	ICD10	Malignant neoplasm of cerebellum
C71.7	ICD10	Malignant neoplasm of brain stem
		Malignant neoplasm of overlapping sites
C71.8	ICD10	of brain
	C69.52 C69.6 C69.60 C69.61 C69.62 C69.80 C69.81 C69.82 C69.90 C69.91 C69.92 C70 C70.0 C70.1 C70.9 C71.1 C71.2 C71.3 C71.4 C71.5 C71.6 C71.7	C69.52 ICD10 C69.60 ICD10 C69.61 ICD10 C69.62 ICD10 C69.81 ICD10 C69.81 ICD10 C69.82 ICD10 C69.91 ICD10 C69.91 ICD10 C69.91 ICD10 C69.92 ICD10 C70.1 ICD10 C70.1 ICD10 C70.9 ICD10 C70.9 ICD10 C71.1 ICD10 C71.1 ICD10 C71.2 ICD10 C71.3 ICD10 C71.4 ICD10 C71.5 ICD10 C71.6 ICD10

Cancer	C74.01	ICD10	adrenal gland
	2730		Malignant neoplasm of cortex of right
Cancer	C74.00	ICD10	Malignant neoplasm of cortex of unspecified adrenal gland
Cancer	C74.0	ICD10	
			Malignant neoplasm of cortex of adrenal
Cancer	C74	ICD10	Malignant neoplasm of adrenal gland
Cancer			Malignant neoplasm of thyroid gland
Cancer	C72.9	ICD10	system
Cancer	C72.59	ICD10	nerves  Malignant neoplasm of central nervous
	070	105.15	Malignant neoplasm of other cranial
Cancer	C72.50	ICD10	cranial nerve
Caricei	C/2.5	ICDIO	Malignant neoplasm of unspecified
Cancer	C72 E	ICD10	Malignant neoplasm of other and unspecified cranial nerves
Cancer	C72.42	ICD10	Malignant neoplasm of left acoustic nerve
	0-2 (2)	105.15	
Cancer	C72.41	ICD10	nerve
			Malignant neoplasm of right acoustic
Cancer	C72.40	ICD10	acoustic nerve
			Malignant neoplasm of unspecified
Cancer	T		Malignant neoplasm of acoustic nerve
Cancer			Malignant neoplasm of left optic nerve
Cancer	_		Malignant neoplasm of right optic nerve
Cancer	C72.30	JCD10	Malignant neoplasm of unspecified optic nerve
Cancer	C/2.3	ICDIO	Malignant neoplasm of optic nerve
Cancer	C72.22		
Canaar	672.22	ICD10	Malignant neoplasm of left olfactory
Cancer	C72.21	ICD10	
			Malignant neoplasm of right olfactory
Cancer	C72.20	ICD10	olfactory nerve
			Malignant neoplasm of unspecified
Cancer	C72.2	ICD10	Malignant neoplasm of olfactory nerve
Cancer	C72.1	ICD10	Malignant neoplasm of cauda equina
Cancer	C72.0	ICD10	Malignant neoplasm of spinal cord
Cancer	T		Malignant neoplasm of spinal cord
Cancer	C/1.9	ICDIO	Malignant neoplasm of brain

	I		Malignant manufacture of postery of laft
Cancer	C74 02	ICD10	Malignant neoplasm of cortex of left adrenal gland
Caricei	C/4.02	ICDIO	
Cancer	C7/L1	ICD10	Malignant neoplasm of medulla of adrenal gland
Cancer	C/4.1	ICDIO	_
Cancer	C74 10	ICD10	Malignant neoplasm of medulla of unspecified adrenal gland
Caricei	C/4.10	ICDIO	
Cancer	C7/1 11	ICD10	Malignant neoplasm of medulla of right adrenal gland
Caricei	C/4.11	ICDIO	
Cancer	C74 12	ICD10	Malignant neoplasm of medulla of left adrenal gland
Caricer	C/4.12	ICDIO	Malignant neoplasm of unspecified part
Cancer	C74 9	ICD10	of adrenal gland
Currect	C/4.5	ICDIO	Malignant neoplasm of unspecified part
Cancer	C74.90	ICD10	of unspecified adrenal gland
Carroci	07 1130	10220	Malignant neoplasm of unspecified part
Cancer	C74.91	ICD10	of right adrenal gland
	07 110 2		Malignant neoplasm of unspecified part
Cancer	C74.92	ICD10	of left adrenal gland
			Malignant neoplasm of other endocrine
Cancer	C75	ICD10	glands and related structures
Cancer	C75.0	ICD10	Malignant neoplasm of parathyroid gland
Cancer			Malignant neoplasm of pituitary gland
			Malignant neoplasm of craniopharyngeal
Cancer	C75.2	ICD10	
Cancer	C75.3	ICD10	Malignant neoplasm of pineal gland
Cancer	1		Malignant neoplasm of carotid body
			Malignant neoplasm of aortic body and
Cancer	C75.5	ICD10	other paraganglia
			Malignant neoplasm with pluriglandular
Cancer	C75.8	ICD10	involvement
Cancer	C75.9	ICD10	Malignant neoplasm of endocrine gland
Cancer	C76.1	ICD10	Malignant neoplasm of thorax
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
Cancer	C7A.0	ICD10	Malignant carcinoid tumors
			Malignant carcinoid tumor of unspecified
Cancer	C7A.00	ICD10	site
			Malignant carcinoid tumor of the
Cancer	C7A.020	ICD10	appendix

Cancer	C7A.021	ICD10	Malignant carcinoid tumor of the cecum
			Malignant carcinoid tumor of the
Cancer	C7A.022	ICD10	ascending colon
			Malignant carcinoid tumor of the
Cancer	C7A.023	ICD10	transverse colon
			Malignant carcinoid tumor of the
Cancer	C7A.024	ICD10	descending colon
			Malignant carcinoid tumor of the sigmoid
Cancer	C7A.025	ICD10	
			Malignant carcinoid tumor of the large
Cancer	C7A.029	ICD10	intestine
			Malignant carcinoid tumor of the
Cancer	C7A.090	ICD10	bronchus and lung
Cancer			Malignant carcinoid tumor of the thymus
			,
Cancer	C7A.092	ICD10	Malignant carcinoid tumor of the stomach
Cancer			Malignant carcinoid tumor of the kidney
			,
Cancer	C7A.098	ICD10	Malignant carcinoid tumors of other sites
			Malignant poorly differentiated
Cancer	C7A.1	ICD10	neuroendocrine tumors
Cancer			Other malignant neuroendocrine tumors
Cancer			Secondary carcinoid tumors
Cancer	C7B.1	ICD10	Secondary Merkel cell carcinoma
			Multifocal and multisystemic
			(disseminated) Langerhans-cell
Cancer	C96.0	ICD10	histiocytosis
Cancer	C96.2	ICD10	Malignant mast cell neoplasm
Cancer	C96.22	ICD10	Mast cell sarcoma
Cancer	C96.A	ICD10	Histiocytic sarcoma
Cancer	D00.0	ICD10	Carcinoma in situ of lip
Cancer	D00.00	ICD10	Carcinoma in situ of oral cavity
			Carcinoma in situ of labial mucosa and
Cancer	D00.01	ICD10	vermilion border
Cancer	D00.02	ICD10	Carcinoma in situ of buccal mucosa
			Carcinoma in situ of gingiva and
Cancer	D00.03	ICD10	edentulous alveolar ridge
Cancer			Carcinoma in situ of soft palate
			1
Cancer		ICD10	Carcinoma in situ of hard palate

Г			
Cancer			Carcinoma in situ of tongue
Cancer	D00.08	ICD10	Carcinoma in situ of pharynx
Cancer	D00.1	ICD10	Carcinoma in situ of esophagus
Cancer	D00.2	ICD10	Carcinoma in situ of stomach
Cancer	D01.0	ICD10	Carcinoma in situ of colon
Cancer	D01.5	ICD10	Carcinoma in situ of liver
Cancer	D02.0	ICD10	Carcinoma in situ of larynx
Cancer	D02.1	ICD10	Carcinoma in situ of trachea
Cancer	D02.2	ICD10	Carcinoma in situ of bronchus and lung
Cancer	D02 20	ICD10	Carcinoma in situ of unspecified bronchus and lung
Carreer	502.20	10010	Carcinoma in situ of right bronchus and
Cancer	D02.21	ICD10	_
Carreer	002.21	1CD10	Carcinoma in situ of left bronchus and
Cancer	D02.22	ICD10	
Carreer	D02.22	ICDIO	Carcinoma in situ of other parts of
Cancer	DU3 3	ICD10	respiratory system
Cancer			Carcinoma in situ of respiratory system
Cancer			Carcinoma in situ of breast
Cancer			Lobular carcinoma in situ of breast
Carreer	203.0	ICDIO	Lobular carcinoma in situ of unspecified
Cancer	D05.00	ICD10	
Cancer			Lobular carcinoma in situ of right breast
Cancer			Lobular carcinoma in situ of left breast
Cancer			Intraductal carcinoma in situ of breast
Cancer	003.1	ICDIO	Intraductal carcinoma in situ of
Cancer	D05.10	ICD10	unspecified breast
			Intraductal carcinoma in situ of right
Cancer	D05.11	ICD10	breast
Cancer	D05.12	ICD10	Intraductal carcinoma in situ of left breast
			Other specified type of carcinoma in situ
Cancer	D05.8	ICD10	of breast
			Other specified type of carcinoma in situ
Cancer	D05.80	ICD10	of unspecified breast
			Other specified type of carcinoma in situ
Cancer	D05.81	ICD10	of right breast
			Other specified type of carcinoma in situ
Cancer	D05.82	ICD10	of left breast

			Unspecified type of carcinoma in situ of
Cancer	D05 9	ICD10	
currect	503.3	ICDIO	Unspecified type of carcinoma in situ of
Cancer	D05 90	ICD10	unspecified breast
Carreer	503.50	10010	Unspecified type of carcinoma in situ of
Cancer	D05 91	ICD10	right breast
Carreer	503.31	10220	Unspecified type of carcinoma in situ of
Cancer	D05.92	ICD10	left breast
Cancer	1		Carcinoma in situ of vulva
Cancer	D07.2	ICD10	Carcinoma in situ of vagina
			Carcinoma in situ of other and unspecified
Cancer	D07.3	ICD10	female genital organs
			Carcinoma in situ of unspecified female
Cancer	D07.30	ICD10	genital organs
			Carcinoma in situ of other female genital
Cancer	D07.39	ICD10	
Cancer	D07.4	ICD10	Carcinoma in situ of penis
Cancer			Carcinoma in situ of prostate
			Carcinoma in situ of other and unspecified
Cancer	D07.6	ICD10	male genital organs
			Carcinoma in situ of unspecified male
Cancer	D07.60	ICD10	genital organs
Cancer			Carcinoma in situ of scrotum
			Carcinoma in situ of other male genital
Cancer	D07.69	ICD10	
			Carcinoma in situ of other and unspecified
Cancer	D09	ICD10	sites
Cancer	D09.0	ICD10	Carcinoma in situ of bladder
			Carcinoma in situ of other and unspecified
Cancer	D09.1	ICD10	urinary organs
			Carcinoma in situ of unspecified urinary
Cancer	D09.10	ICD10	organ
Cancer	D09.19	ICD10	Carcinoma in situ of other urinary organs
Cancer	D09.2	ICD10	Carcinoma in situ of eye
Cancer	D09.20	ICD10	Carcinoma in situ of unspecified eye
Cancer	D09.21	ICD10	Carcinoma in situ of right eye
Cancer	D09.22	ICD10	Carcinoma in situ of left eye
			Carcinoma in situ of thyroid and other
Cancer	D09.3	ICD10	endocrine glands
Cancer	D09.8	ICD10	Carcinoma in situ of other specified sites

Cancer	D09.9	ICD10	Carcinoma in situ
			Neoplasm of uncertain behavior of female
Cancer	D39	ICD10	genital organs
Cancer	D39.0	ICD10	Neoplasm of uncertain behavior of uterus
Cancer	D39.1	ICD10	Neoplasm of uncertain behavior of ovary
			Neoplasm of uncertain behavior of
Cancer	D39.10	ICD10	unspecified ovary
			Neoplasm of uncertain behavior of right
Cancer	D39.11	ICD10	ovary
			Neoplasm of uncertain behavior of left
Cancer	D39.12	ICD10	ovary
			Neoplasm of uncertain behavior of
Cancer	D39.2	ICD10	placenta
			Neoplasm of uncertain behavior of other
Cancer	D39.8	ICD10	specified female genital organs
			Neoplasm of uncertain behavior of female
Cancer	D39.9	ICD10	genital organ
			Neoplasm of uncertain behavior of
Cancer	D41.4	ICD10	bladder
			Neoplasm of unspecified behavior of
Cancer	D49.4	ICD10	bladder
Cancer	G89.3	ICD10	Neoplasm related pain (acute) (chronic)
			1/4
Cancer	M90.6	ICD10	Osteitis deformans in neoplastic diseases
Cancer	N90.3	ICD10	Dysplasia of vulva
Cancer	R97.1	ICD10	Elevated cancer antigen 125 [CA 125]
			Personal history of malignant neoplasm of
Cancer	Z85.01	ICD10	esophagus
			Personal history of malignant neoplasm of
Cancer	Z85.02	ICD10	stomach
			Personal history of malignant carcinoid
Cancer	Z85.020	ICD10	tumor of stomach
			Personal history of other malignant
Cancer	Z85.028	ICD10	neoplasm of stomach
			Personal history of malignant neoplasm of
Cancer	Z85.03	ICD10	large intestine
			Personal history of malignant carcinoid
Cancer	Z85.030	ICD10	tumor of large intestine

			Personal history of other malignant
Cancer	785.038	ICD10	neoplasm of large intestine
- Carros		.0220	Personal history of malignant neoplasm of
Cancer	Z85.07	ICD10	pancreas
		10220	Personal history of malignant neoplasm of
Cancer	Z85.1	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	Z85.11	ICD10	bronchus and lung
			Personal history of malignant carcinoid
Cancer	Z85.110	ICD10	tumor of bronchus and lung
4			Personal history of other malignant
Cancer	Z85.118	ICD10	neoplasm of bronchus and lung
			Personal history of malignant neoplasm of
Cancer	Z85.12	ICD10	trachea
			Personal history of malignant neoplasm of
Cancer	Z85.2	ICD10	other respiratory and intrathoracic organs
			Personal history of malignant neoplasm of
Cancer	Z85.20	ICD10	unspecified respiratory organ
			Personal history of malignant neoplasm of
Cancer	Z85.21	ICD10	
			Personal history of malignant neoplasm of
Cancer	Z85.22	ICD10	nasal cavities
			Personal history of malignant neoplasm of
Cancer	Z85.23	ICD10	thymus
			Personal history of malignant carcinoid
Cancer	Z85.230	ICD10	tumor of thymus
	705 000	10540	Personal history of other malignant
Cancer	285.238	ICD10	neoplasm of thymus
			Developed bistoms of modification of
Cancor	705 20	ICD10	Personal history of malignant neoplasm of
Cancer	265.29	ICDIO	other respiratory and intrathoracic organs
Cancer	Z85.3	ICD10	Personal history of malignant neoplasm of breast
Caricei	203.3	ICDIO	Personal history of malignant neoplasm of
Cancer	Z85.40	ICD10	unspecified female genital organ
Caricei	203.40	10010	Personal history of malignant neoplasm of
Cancer	Z85.41	ICD10	cervix uteri
	203.71	10010	Personal history of malignant neoplasm of
Cancer	785 44	ICD10	other female genital organs
Carreer	203.74	10010	other remaie benital organis

Cancer	Z85.848	ICD10	Personal history of malignant neoplasm of other parts of nervous tissue
Cancer	Z85.841	ICD10	
Cancer	Z85.840	ICD10	•
Cancer	Z85.831	ICD10	Personal history of malignant neoplasm of soft tissue
Cancer	Z85.830	ICD10	Personal history of malignant neoplasm of bone
Cancer			Personal history of malignant neoplasm of bone and soft tissue
Cancer			Personal history of malignant neoplasm of unspecified site of lip
Cancer			Personal history of malignant neoplasm of other sites of lip
Cancer	Z85.810		Personal history of malignant neoplasm of
Cancer	Z85.81		Personal history of malignant neoplasm of
Cancer	Z85.79	ICD10	Personal history of other malignant neoplasms of lymphoid
Cancer			Personal history of other malignant neoplasms of lymphoid
Cancer	Z85.59	ICD10	Personal history of malignant neoplasm of other urinary tract organ
Cancer	Z85.54	ICD10	Personal history of malignant neoplasm of ureter
Cancer	Z85.50	ICD10	Personal history of malignant neoplasm of unspecified urinary tract organ
Cancer	Z85.5	ICD10	Personal history of malignant neoplasm of urinary tract
Cancer	Z85.49	ICD10	Personal history of malignant neoplasm of other male genital organs
Cancer	Z85.48	ICD10	Personal history of malignant neoplasm of epididymis
Cancer	Z85.46	ICD10	Personal history of malignant neoplasm of prostate
Cancer	Z85.45	ICD10	Personal history of malignant neoplasm of unspecified male genital organ

Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease				Personal history of malignant neoplasm of
Cancer Z85.850 ICD10 thyroid  Cancer Z85.858 ICD10 Personal history of malignant neoplasm of other endocrine glands  Chronic kidney disease 403 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403.01 ICD9 Hypertensive renal disease  Chronic kidney disease 403.1 ICD9 Hypertensive renal disease  Chronic kidney disease 403.1 ICD9 Hypertensive renal disease  Chronic kidney disease 403.11 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 585.1 ICD9 Chronic kidney disease  Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease	Cancer	Z85.850	ICD10	thyroid
Cancer Z85.858 ICD10 Personal history of malignant neoplasm of other endocrine glands  Chronic kidney disease 403 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403.01 ICD9 Hypertensive chronic kidney disease  Chronic kidney disease 403.01 ICD9 Hypertensive renal disease  Chronic kidney disease 403.1 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 403.9 ICD9 Hypertensive renal disease  Chronic kidney disease 585.1 ICD9 Chronic kidney disease  Chronic kidney disease 585.2 ICD9 Chronic kidney disease  Chronic kidney disease 585.3 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease  Chronic kidney disease 585.4 ICD9 Chronic kidney disease				,
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	Chronic kidney disease	585.3	ICD9	Chronic kidney disease
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	Chronic kidney disease	I12.0	ICD10	Hypertensive chronic kidnov discosso
Chronic kidney disease I12.0 ICD10 Hypertensive chronic kidney disease Hypertensive chronic kidney disease with	chi offic kiuffey disease	112.0	ICDIO	
stage 5 chronic kidney disease or end				• •
Chronic kidney disease I12.0 ICD10 stage renal disease	Chronic kidney disease	112.0	ICD10	,

			Hypertensive chronic kidney disease with
			stage 1 through stage 4 chronic kidney
Chronic kidney disease	l12.9	ICD10	disease
Chronic kidney disease	N18.1	ICD10	Chronic kidney disease
Chronic kidney disease	N18.2	ICD10	Chronic kidney disease
Chronic kidney disease	N18.3	ICD10	Chronic kidney disease
Chronic kidney disease	N18.4	ICD10	Chronic kidney disease
Chronic obstructive	$O_{\lambda}$		
pulmonary disease	491.2	ICD9	Obstructive chronic bronchitis
Chronic obstructive			
pulmonary disease	491.2	ICD9	Obstructive chronic bronchitis
Chronic obstructive			Obstructive chronic bronchitis with (acute)
pulmonary disease	491.21	ICD9	exacerbation
Chronic obstructive			Obstructive chronic bronchitis with acute
pulmonary disease	491.22	ICD9	bronchitis
Chronic obstructive			
pulmonary disease	492	ICD9	Emphysema
Chronic obstructive			
pulmonary disease	492	ICD9	Emphysematous bleb
Chronic obstructive			
pulmonary disease	492.8	ICD9	Other emphysema
Chronic obstructive			
pulmonary disease	496	ICD9	Chronic airway obstruction
Chronic obstructive			Other chronic obstructive pulmonary
pulmonary disease	J44.0	ICD10	disease
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.0	ICD10	with acute lower respiratory infection
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.1	ICD10	with (acute) exacerbation
Chronic obstructive			
pulmonary disease	J42.0	ICD10	Unspecified chronic bronchitis
Chronic obstructive			Simple and mucopurulent chronic
pulmonary disease	J41.0	ICD10	bronchitis
Chronic obstructive			
pulmonary disease	J41.0	ICD10	Simple chronic bronchitis

Chronic obstructive			
pulmonary disease	J41.1	ICD10	Mucopurulent chronic bronchitis
Chronic obstructive			Mixed simple and mucopurulent chronic
pulmonary disease	J41.8	ICD10	bronchitis
Chronic obstructive			
pulmonary disease	J43.0	ICD10	Emphysema
Chronic obstructive			Unilateral pulmonary emphysema
pulmonary disease	J43.0	ICD10	[MacLeod's syndrome]
Chronic obstructive			
pulmonary disease	J43.1	ICD10	Panlobular emphysema
Chronic obstructive			
pulmonary disease	J43.2	ICD10	Centrilobular emphysema
Chronic obstructive			
pulmonary disease	J43.8	ICD10	Other emphysema
Chronic obstructive			
pulmonary disease	J43.9	ICD10	Emphysema
Chronic obstructive			Other chronic obstructive pulmonary
pulmonary disease	J44.0	ICD10	disease
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.0	ICD10	with acute lower respiratory infection
Chronic obstructive			Chronic obstructive pulmonary disease
pulmonary disease	J44.1	ICD10	with (acute) exacerbation
Chronic obstructive			
pulmonary disease	J44.9	ICD10	Chronic obstructive pulmonary disease
Diabetes mellitus	249		Secondary diabetes mellitus
Diabetes mellitus	249	ICD9	Secondary diabetes mellitus
Diabetes mellitus	249		Secondary diabetes mellitus
Diabetes mellitus	249.01		Secondary diabetes mellitus
			Secondary diabetes mellitus with
Diabetes mellitus	249.1	ICD9	ketoacidosis
			Secondary diabetes mellitus with
Diabetes mellitus	249.1	ICD9	ketoacidosis
			Secondary diabetes mellitus with
Diabetes mellitus	249.11	ICD9	ketoacidosis
2.55cccs memeas	213.11		Secondary diabetes mellitus with
Diabetes mellitus	249.2	ICDa	hyperosmolarity
Diabetes memeas	243.2	.003	Secondary diabetes mellitus with
Diabetes mellitus	249.2	ICUa	hyperosmolarity
Diabetes memus	243.2	1003	Secondary diabetes mellitus with
Diabetes mellitus	249.21	ICDO	hyperosmolarity
Dianetes memitus	243.21	ICDS	πγρετοδιποιατιτγ

			Secondary diabetes mellitus with other
Diabetes mellitus	249.3	ICD9	coma
Diabetes meintas	243.3	1000	Secondary diabetes mellitus with other
Diabetes mellitus	249.3	ICD9	coma
Diabetes meintas	243.3	1003	Secondary diabetes mellitus with other
Diabetes mellitus	249.31	ICD9	coma
Diabetes memeas	213.31	1000	Secondary diabetes mellitus with renal
Diabetes mellitus	249.4	ICD9	manifestations
			Secondary diabetes mellitus with renal
Diabetes mellitus	249.4	ICD9	manifestations
			Secondary diabetes mellitus with renal
Diabetes mellitus	249.41	ICD9	manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.5	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.5	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.51	ICD9	ophthalmic manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.6	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.6	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.61	ICD9	neurological manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.7	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with
Diabetes mellitus	249.7	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with
Diabetes mellitus	249.71	ICD9	peripheral circulatory disorders
			Secondary diabetes mellitus with other
Diabetes mellitus	249.8	ICD9	specified manifestations
			Secondary diabetes mellitus with other
Diabetes mellitus	249.8	ICD9	specified manifestations
			Secondary diabetes mellitus with other
Diabetes mellitus	249.81	ICD9	specified manifestations
			Secondary diabetes mellitus with
Diabetes mellitus	249.9	ICD9	unspecified complication
			Secondary diabetes mellitus with
Diabetes mellitus	249.9	ICD9	unspecified complication

			Secondary diabetes mellitus with
Diabetes mellitus	249.91	ICD9	unspecified complication
Diabetes mellitus	250	ICD9	Diabetes mellitus
			Diabetes mellitus without mention of
Diabetes mellitus	250	ICD9	complication
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250	ICD9	onset type] or unspecified type
			type I diabetes mellitus [insulin
Diabetes mellitus	250.01	ICD9	dependent type] [IDDM] [juvenile type]
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.02	ICD9	onset type] or unspecified type
Diabetes mellitus	250.03	ICD9	type I diabetes mellitus [juvenile type]
Diabetes mellitus	250.1	ICD9	Diabetes with ketoacidosis
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.1	ICD9	onset type] or unspecified type
			type I diabetes mellitus [insulin
Diabetes mellitus	250.11	ICD9	dependent type] [IDDM] [juvenile type]
			type II diabetes mellitus [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.12		onset type] or unspecified type
Diabetes mellitus	250.13		type I diabetes mellitus [juvenile type]
Diabetes mellitus	250.2		Diabetes mellitus with hyperosmolarity
Diabetes mellitus	250.2		Diabetes mellitus
Diabetes mellitus	250.21	ICD9	Diabetes mellitus
			Diabetes mellitustype II [non-insulin
			dependent type] [NIDDM type] [adult-
			onset type] or unspecified type with
Diabetes mellitus	250.22		hyperosmolarity
Diabetes mellitus	250.23		Diabetes mellitus
Diabetes mellitus	250.3		Diabetes with other coma
Diabetes mellitus	250.3		Diabetes mellitus
Diabetes mellitus	250.31	ICD9	Diabetes mellitus
Diabetes mellitus	250.32	ICD9	Diabetes mellitus with other coma
Diabetes mellitus	250.33	ICD9	Diabetes mellitus with other coma
Diabetes mellitus	250.4	ICD9	Diabetes with renal manifestations

Diabetes mellitus	250.71	ICD9	dependent type] [IDDM] [juvenile type]
		_	Diabetes mellitus type I [insulin
Diabetes mellitus	250.7	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
			Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.7	ICD9	disorders
			Diabetes with peripheral circulatory
Diabetes mellitus	250.63		Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.62	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
		. 32 3	Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.61	ICD9	dependent type] [IDDM] [juvenile type]
	250.0	.000	Diabetes mellitus type I [insulin
Diabetes mellitus	250.6	ICD9	dependent type] [NIDDM type] [adult- onset type] or unspecified type
			Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.6	ICD9	Diabetes with neurological manifestations
Diabetes mellitus	250.53	ICD9	Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.52	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
			Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.51	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.5	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
			Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.5	ICD9	Diabetes with ophthalmic manifestations
	230.13	.555	
Diabetes mellitus	250.43		Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.42	ICD9	onset type] or unspecified type
			dependent type] [NIDDM type] [adult-
Diancics inclinus	230.41	יכטא	Diabetes mellitus type II [non-insulin
Diabetes mellitus	250.41	ICDa	dependent type] [IDDM] [juvenile type]
Dianetes mellitus	230.4	וכטא	Diabetes mellitus type I [insulin
Diabetes mellitus	250.4	וכטט	dependent type] [NIDDM type] [adult- onset type] or unspecified type
			Diabetes mellitus type II [non-insulin

			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.72	ICD9	onset type] or unspecified type
Diabetes mellitus	250.72		Diabetes mellitus type I [juvenile type]
Diabetes memeas	230.73	1003	Diabetes with other specified
Diabetes mellitus	250.8	ICD9	manifestations
Diabetes memeas	250.0	1023	Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.8	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.81	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.82	ICD9	onset type] or unspecified type
Diabetes mellitus	250.83	ICD9	Diabetes mellitus type I [juvenile type]
Diabetes mellitus	250.9	ICD9	Diabetes with unspecified complication
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.9	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.91	ICD9	dependent type] [IDDM] [juvenile type]
			Diabetes mellitus type II [non-insulin
			dependent type] [NIDDM type] [adult-
Diabetes mellitus	250.92	ICD9	onset type] or unspecified type
			Diabetes mellitus type I [insulin
Diabetes mellitus	250.93	ICD9	dependent type] [IDDM] [juvenile type]
Diabetes mellitus	357.2	ICD9	Polyneuropathy in diabetes
			Diabetes mellitus due to underlying
Diabetes mellitus	E08	ICD10	condition
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.0	ICD10	condition with hyperosmolarity
			Diabetes mellitus due to underlying
			condition with hyperosmolarity without
			nonketotic hyperglycemic-hyperosmolar
Diabetes mellitus	E08.00	ICD10	coma (NKHHC)
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.01	ICD10	condition with hyperosmolarity with coma
	500		Diabetes mellitus due to underlying
Diabetes mellitus	E08.1	ICD10	condition with ketoacidosis

			Diabetes mellitus due to underlying
Diabetes mellitus	E08.10	ICD10	condition with ketoacidosis without coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.11	ICD10	condition with ketoacidosis with coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.2	ICD10	condition with kidney complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.21	ICD10	condition with diabetic nephropathy
			Diabetes mellitus due to underlying
Diabetes mellitus	E00 22	ICD10	condition with diabetic chronic kidney disease
Diabetes meintus	EU0.22	ICDIO	Diabetes mellitus due to underlying
			condition with other diabetic kidney
Diabetes mellitus	E08.29	ICD10	complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3	ICD10	condition with ophthalmic complications
			Diabetes mellitus due to underlying
			condition with unspecified diabetic
Diabetes mellitus	E08.31	ICD10	retinopathy
			Diabetes mellitus due to underlying
S. I	500.044	10540	condition with unspecified diabetic
Diabetes mellitus	E08.311	ICD10	retinopathy with macular edema
			Diabetes mellitus due to underlying
Diabetes mellitus	F08 319	ICD10	condition with unspecified diabetic retinopathy without macular edema
Diabetes memeas	100.313	ICDIO	Diabetes mellitus due to underlying
			condition with mild nonproliferative
Diabetes mellitus	E08.32	ICD10	diabetic retinopathy
			Diabetes mellitus due to underlying
			condition with mild nonproliferative
Diabetes mellitus	E08.321	ICD10	diabetic retinopathy with macular edema
			Diabetes with mild nonp rtnop with
Diabetes mellitus	E08.3211	ICD10	macular edema
	F66.65		Diabetes with mild nonp rtnop with
Diabetes mellitus	E08.3212	ICD10	macular edema
Diahataa maallitusa	F00 2242	10040	Diabetes with mild nonp rtnop with
Diabetes mellitus	EU8.3213	ICD10	macular edema

			Diabetes with mild nonp rtnop with
Diabetes mellitus	F08 3219	ICD10	macular edema
Diabetes memeas	L00.3213	ICDIO	
			Diabetes mellitus due to underlying
			condition with mild nonproliferative
Diebetee meellitus	E00 220	ICD10	diabetic retinopathy without macular
Diabetes mellitus	E08.329	ICDIO	
			Diabetes with mild nonp rtnop without
Diabetes mellitus	E08.3291	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with mild nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E08.3292	ICD10	edema
			Diabetes with mild nonp rtnop without
Diabetes mellitus	E08.3293	ICD10	macular edema
			Diabetes with mild nonp rtnop without
Diabetes mellitus	E08.3299	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with moderate nonproliferative
Diabetes mellitus	E08.33	ICD10	diabetic retinopathy
			Diabetes mellitus due to underlying
			condition with moderate nonproliferative
Diabetes mellitus	E08.331	ICD10	diabetic retinopathy with macular edema
			Diabetes with moderate nonp rtnop with
Diabetes mellitus	F08 3311	ICD10	macular edema
Diabetes memeas	100.5511	10010	Tridedial Cacilla
			Diabatas mallitus dua ta undarluina
			Diabetes mellitus due to underlying
Diabetes mellitus	F00 2212	ICD10	condition with moderate nonproliferative
Diabetes meintus	EU8.3312	ICDIO	diabetic retinopathy with macular edema
D: 1	500 2242	16546	Diabetes with moderate nonp rtnop with
Diabetes mellitus	E08.3313	ICD10	macular edema
			Diabetes with moderate nonp rtnop with
Diabetes mellitus	E08.3319	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with moderate nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E08.339	ICD10	edema

			Diabetes mellitus due to underlying
			condition with moderate nonproliferative diabetic retinopathy without macular
Diabetes mellitus	E08.3391	ICD10	edema ,
			Diabetes mellitus due to underlying
			condition with moderate nonproliferative diabetic retinopathy without macular
Diabetes mellitus	E08.3392	ICD10	edema
D. I	500 2202	10040	Diabetes with moderate nonp rtnop
Diabetes mellitus	E08.3393	ICD10	without macular edema
			Diabetes mellitus due to underlying condition with moderate nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E08.3399	ICD10	edema
			Diabetes mellitus due to underlying
Diabetes mellitus	E00 24	ICD10	condition with severe nonproliferative
Diabetes meintus	EU6.54	ICDIO	diabetic retinopathy
			Diabetes mellitus due to underlying
			condition with severe nonproliferative
Diabetes mellitus	E08.341	ICD10	diabetic retinopathy with macular edema
S. I	500 0444	10540	Diabetes with severe nonp rtnop with
Diabetes mellitus	E08.3411	ICD10	macular edema
Diabetes mellitus	E08.3412	ICD10	Diabetes with severe nonp rtnop with macular edema
			Diabetes with severe nonp rtnop with
Diabetes mellitus	E08.3413	ICD10	macular edema
Diahataa wallituu	F00 2440	16010	Diabetes with severe nonp rtnop with
Diabetes mellitus	E08.3419	ICD10	macular edema
			Diabetes mellitus due to underlying condition with severe nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E08.349	ICD10	edema ,
			Diabetes with severe nonp rtnop without
Diabetes mellitus	E08.3491	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with severe nonproliferative diabetic retinopathy without macular
Diabetes mellitus	E08.3492	ICD10	edema

			Diabetes with severe nonp rtnop without
Diabetes mellitus	E08.3493	ICD10	macular edema
			Diabetes with severe nonp rtnop without
Diabetes mellitus	E08.3499	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.35	ICD10	retinopathy
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.351	ICD10	retinopathy with macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.3511	ICD10	retinopathy with macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
Diabetes mellitus	E08.3512	ICD10	retinopathy with macular edema
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3513	ICD10	macular edema
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3519	ICD10	macular edema
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.352	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3521	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3522	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3523	ICD10	detachment involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3529	ICD10	detachment involving the macula

	1		
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.353	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3531	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
· · · · · · · · · · · · · · · · · · ·			retinopathy with traction retinal
Diabetes mellitus	E08.3532	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3533	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E08.3539	ICD10	detachment not involving the macula
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with combined traction retinal
			detachment and rhegmatogenous retinal
Diabetes mellitus	E08.354	ICD10	detachment
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3541	ICD10	comb detach
			Diabetes mellitus due to underlying
			condition with proliferative diabetic
			retinopathy with combined traction retinal
			detachment and rhegmatogenous retinal
Diabetes mellitus	E08.3542	ICD10	detachment
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3543	ICD10	combined detach
			Diabetes with prolif diabetic rtnop with
Diabetes mellitus	E08.3549	ICD10	comb detach
			Diabetes mellitus due to underlying
			condition with stable proliferative diabetic
Diabetes mellitus	E08.355	ICD10	retinopathy

Diabetes mellitus	E08.4	ICD10	condition with neurological complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.39	ICD10	condition with other diabetic ophthalmic complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.37X9	ICD10	condition with diabetic macular edema
Diabetes memus	100.3783	ICDIO	Diabetes will diabetic macdial edema  Diabetes mellitus due to underlying
Diabetes mellitus	E08.37X3		Diabetes with diabetic macular edema
Diabetes mellitus	E08.37X2	ICD10	Diabetes mellitus due to underlying condition with diabetic macular edema
Diabetes mellitus	E08.37X1	ICD10	condition with diabetic macular edema
Diabotos mallitus	E00 27V4	ICD10	Diabetes mellitus due to underlying
Diabetes mellitus	E08.37	ICD10	condition with diabetic macular edema
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.36	ICD10	condition with diabetic cataract
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3599	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3593	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
Diabetes memus	100.3332	10010	Diabetes mellitus due to underlying
Diabetes mellitus	E08.3592	ICD10	retinopathy without macular edema
		5	Diabetes mellitus due to underlying condition with proliferative diabetic
Diabetes mellitus	E08.3591	ICD10	retinopathy without macular edema
Diala de a ser all'il	E00 3E04	10040	condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.359	ICD10	retinopathy without macular edema
			condition with proliferative diabetic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.3559	ICD10	retinopathy
			Diabetes with stable prolif diabetic
Diabetes mellitus	E08.3553	ICD10	retinopathy
Diabetes memeas	200.3332	10010	Diabetes with stable prolif diabetic
Diabetes mellitus	F08 3552	ICD10	Diabetes with stable prolif diabetic retinopathy
Dianetes meintus	EU6.3331	ICDIO	retinopathy  Diabetes with stable prolif diabetis
Diabetes mellitus	EU0 3EE1	ICD10	Diabetes with stable prolif diabetic

Diabetes mellitus	E08.620	ICD10	lipoidica
			condition with diabetic necrobiosis
Diabetes memus	200.02	10010	Diabetes mellitus due to underlying
Diabetes mellitus	E08.62	ICD10	Diabetes mellitus due to underlying condition with skin complications
Diabetes mellitus	EU8.618	ICD10	condition with other diabetic arthropathy
Diabatas mallitus	E00 C10	ICD10	Diabetes mellitus due to underlying
Diabetes mellitus	E08.610	ICD10	arthropathy
			condition with diabetic neuropathic
Dianetes illellitus	100.01	ICDIO	Diabetes mellitus due to underlying
Diabetes mellitus	E08.61	ICD10	Diabetes mellitus due to underlying condition with diabetic arthropathy
Diabetes mellitus	E08.6	ICD10	condition with other specified complications
Diabetes memeas	200.55	10010	Diabetes mellitus due to underlying
Diabetes mellitus	E08.59	ICD10	Diabetes mellitus due to underlying condition with other circulatory complications
Diabetes mellitus	E08.52	ICD10	angiopathy with gangrene
			condition with diabetic peripheral
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.51	ICD10	angiopathy without gangrene
			condition with diabetic peripheral
Diabetes memeas	200.5	ICDIO	Diabetes mellitus due to underlying
Diabetes mellitus	E08.5	ICD10	Diabetes mellitus due to underlying condition with circulatory complications
Diabetes mellitus	E08.49	ICD10	complication  Diabetes mollitus due to underlying
Diahatas wallitus	F09.40	ICD10	Diabetes mellitus due to underlying condition with other diabetic neurological
Diabetes mellitus	E08.44	ICD10	condition with diabetic amyotrophy
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.43	ICD10	(poly)neuropathy
			condition with diabetic autonomic
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.42	ICD10	condition with diabetic polyneuropathy
Dianetes Hieilitus	100.41	ICDIO	Diabetes mellitus due to underlying
Diabetes mellitus	E09 //1	ICD10	Diabetes mellitus due to underlying condition with diabetic mononeuropathy
Diabetes mellitus	E08.40	ICD10	condition with diabetic neuropathy
Diahatas	F00.40	10040	Diabetes mellitus due to underlying

			Diabetes mellitus due to underlying
Diabetes mellitus	E08.621	ICD10	condition with foot ulcer
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.622	ICD10	condition with other skin ulcer
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.628	ICD10	condition with other skin complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.63	ICD10	condition with oral complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.630	ICD10	condition with periodontal disease
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.638	ICD10	condition with other oral complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.64	ICD10	condition with hypoglycemia
D'abata a a ll'i	F00 C44	10040	Diabetes mellitus due to underlying
Diabetes mellitus	E08.641	ICD10	condition with hypoglycemia with coma
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.649	ICD10	condition with hypoglycemia without
Diabetes memeas	200.043	ICDIO	Diabetes mellitus due to underlying
Diabetes mellitus	E08.65	ICD10	condition with hyperglycemia
		.0220	Diabetes mellitus due to underlying
			condition with other specified
Diabetes mellitus	E08.69	ICD10	complication
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.8	ICD10	condition with unspecified complications
			Diabetes mellitus due to underlying
Diabetes mellitus	E08.9	ICD10	condition without complications
			Drug or chemical induced diabetes
Diabetes mellitus	E09	ICD10	mellitus
			Drug or chemical induced diabetes
Diabetes mellitus	E09.0	ICD10	mellitus with hyperosmolarity
			Drug or chemical induced diabetes
			mellitus with hyperosmolarity without
Diabetes mellitus	E09.00	ICD10	nonketotic hyperglycemic-hyperosmolar
Diabetes meintus	E09.00	ICDIO	coma (NKHHC)
Diabetes mellitus	F09 01	ICD10	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma
D.abetes memeas	203.01	.0010	Drug or chemical induced diabetes
Diabetes mellitus	E09.1	ICD10	mellitus with ketoacidosis
_ 13.0000			

Diabetes mellitus E09.10 ICD10 mellitus with ketoacidosis without coma Diabetes mellitus E09.11 ICD10 mellitus with ketoacidosis with coma Drug or chemical induced diabetes mellitus with ketoacidosis with coma Drug or chemical induced diabetes mellitus with kidney complications Drug or chemical induced diabetes mellitus with diabetic complications Drug or chemical induced diabetes mellitus with diabetic chronic kidney Drug or chemical induced diabetes mellitus with diabetic chronic kidney Drug or chemical induced diabetes mellitus with other diabetic kidney Drug or chemical induced diabetes mellitus with ophthalmic complication Drug or chemical induced diabetes mellitus with ophthalmic complications Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy without macular edema Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema Drug/chem diab with mild nonp rtnop With mccular edema Drug/chem diab with mild nonp rtnop		T	I	
Diabetes mellitus  E09.11 ICD10   Drug or chemical induced diabetes mellitus with ketoacidosis with coma   Drug or chemical induced diabetes mellitus with kidney complications   Drug or chemical induced diabetes mellitus with diabetic nephropathy   Drug or chemical induced diabetes mellitus with diabetic nephropathy   Drug or chemical induced diabetes mellitus with diabetic chronic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with ophthalmic complications   Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with unspecified diabetic   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes   Drug or chemical induced				Drug or chemical induced diabetes
Diabetes mellitus E09.1 ICD10 mellitus with ketoacidosis with coma  Diabetes mellitus E09.2 ICD10 mellitus with kidney complications  Diabetes mellitus E09.21 ICD10 mellitus with kidney complications  Diabetes mellitus E09.21 ICD10 mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic chronic kidney  Diabetes mellitus E09.22 ICD10 disease  Drug or chemical induced diabetes mellitus with other diabetic kidney  Diabetes mellitus E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic mellitus with unspecified diabetes mellitus with unspecified diabetes mellitus with midence diabetes mellitus with midence diabetes mellitus with midence diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative	Diabetes mellitus	E09.10	ICD10	
Diabetes mellitus  E09.2 ICD10 mellitus with kidney complications  Drug or chemical induced diabetes mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease  Drug or chemical induced diabetes mellitus with other diabetic kidney Diabetes mellitus  E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with other diabetic kidney Diabetes mellitus  E09.31 ICD10 mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic mellitus with unspecified diabetes mellitus with mild nonproliferative Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative				_
Diabetes mellitus E09.2 ICD10 mellitus with kidney complications  Diabetes mellitus E09.21 ICD10 mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease  Diabetes mellitus E09.22 ICD10 diabetes mellitus with other diabetic kidney disease  Diabetes mellitus E09.3 ICD10 mellitus with other diabetic kidney disease  Drug or chemical induced diabetes mellitus with other diabetic kidney disease  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative	Diabetes mellitus	E09.11	ICD10	mellitus with ketoacidosis with coma
Diabetes mellitus  E09.21 ICD10   Drug or chemical induced diabetes mellitus with diabetic nephropathy   Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with other diabetic kidney   Drug or chemical induced diabetes mellitus with ophthalmic complications   Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with unspecified diabetic retinopathy with macular edema   Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema   Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema   Drug or chemical induced diabetes mellitus with mild nonproliferative   Diabetes mellitus   E09.31   ICD10   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes mellitus with mild nonproliferative   Drug or chemical induced diabetes   Drug or chemical induced diabete				Drug or chemical induced diabetes
Diabetes mellitus  E09.21 ICD10 mellitus with diabetic nephropathy  Drug or chemical induced diabetes mellitus with diabetic chronic kidney  Diabetes mellitus  E09.22 ICD10 disease  Drug or chemical induced diabetes mellitus with other diabetic kidney  Complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative diabetes mellitus with mild	Diabetes mellitus	E09.2	ICD10	mellitus with kidney complications
Diabetes mellitus  E09.22 ICD10 disease  Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease  Drug or chemical induced diabetes mellitus with other diabetic kidney complication  Drug or chemical induced diabetes mellitus with other diabetic kidney complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonproliferative diabetes mellitus wi				Drug or chemical induced diabetes
Diabetes mellitus   E09.22   ICD10   disease	Diabetes mellitus	E09.21	ICD10	mellitus with diabetic nephropathy
Diabetes mellitus  E09.29 ICD10 disease  Drug or chemical induced diabetes mellitus with other diabetic kidney complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Diabetes mellitus  E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with other diabetic kidney  Drug or chemical induced diabetes  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic  Diabetes mellitus  E09.311 ICD10 retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				mellitus with diabetic chronic kidney
Diabetes mellitus  E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.22	ICD10	disease
Diabetes mellitus  E09.29 ICD10 complication  Drug or chemical induced diabetes mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop with mclr edema  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Diabetes mellitus  E09.3 ICD10 mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic  Diabetes mellitus  E09.31 ICD10 retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				mellitus with other diabetic kidney
Diabetes mellitus  E09.3 ICD10 mellitus with ophthalmic complications  Drug or chemical induced diabetes mellitus with unspecified diabetic  Diabetes mellitus  E09.31 ICD10 retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic  Poilo retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic  Poilo retinopathy with unspecified diabetic retinopathy with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.29	ICD10	complication
Diabetes mellitus  E09.31 ICD10 retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
mellitus with unspecified diabetic Diabetes mellitus  E09.31 ICD10 retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.3	ICD10	mellitus with ophthalmic complications
Diabetes mellitus  E09.31 ICD10 retinopathy  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with unspecified diabetic mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetes mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				
mellitus with unspecified diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic Diabetes mellitus  E09.319 ICD10 retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.31	ICD10	retinopathy
Diabetes mellitus  E09.311 ICD10 retinopathy with macular edema  Drug or chemical induced diabetes mellitus with unspecified diabetic  E09.319 ICD10 retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Drug or chemical induced diabetes mellitus with unspecified diabetic  E09.319 ICD10 retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				mellitus with unspecified diabetic
mellitus with unspecified diabetic retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.311	ICD10	retinopathy with macular edema
Diabetes mellitus  E09.319 ICD10 retinopathy without macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  Drug or chemical induced diabetes mellitus with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug/chem diab with mild nonproliferative				Drug or chemical induced diabetes
Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes mellitus with mild nonproliferative diabetes retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative diabetes mellitus with mild nonproliferative diabetes mellitus with mild nonproliferative Diabetes mellitus  Drug/chem diab with mild nonp rtnop with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				mellitus with unspecified diabetic
Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.319	ICD10	retinopathy without macular edema
Diabetes mellitus  E09.32 ICD10 diabetic retinopathy  Drug or chemical induced diabetes mellitus with mild nonproliferative  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Drug or chemical induced diabetes mellitus with mild nonproliferative  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				mellitus with mild nonproliferative
Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.32	ICD10	diabetic retinopathy
Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  diabetes mellitus with mild nonproliferative  Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				
Diabetes mellitus  E09.321 ICD10 diabetic retinopathy with macular edema  Drug or chemical induced diabetes mellitus with mild nonproliferative  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Drug or chemical induced diabetes mellitus with mild nonproliferative  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				
Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.321	ICD10	diabetic retinopathy with macular edema
Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				
Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  Diabetes mellitus  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop  Drug/chem diab with mild nonp rtnop				Drug or chemical induced diabetes
Diabetes mellitus  E09.3211 ICD10 diabetic retinopathy with macular edema  Drug/chem diab with mild nonp rtnop  E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				_
Drug/chem diab with mild nonp rtnop Diabetes mellitus E09.3212 ICD10 with mclr edema Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.3211	ICD10	•
Diabetes mellitus E09.3212 ICD10 with mclr edema  Drug/chem diab with mild nonp rtnop				
Drug/chem diab with mild nonp rtnop	Diabetes mellitus	E09.3212	ICD10	
				Drug/chem diab with mild nonp rtnop
	Diabetes mellitus	E09.3213	ICD10	• • •

			Drug/chem diab with mild nonp rtnop
Diabetes mellitus	E09.3219	ICD10	with macular edema
Diabetes mellitus	E09.329	ICD10	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus	E09.3291	ICD10	Drug/chem diab with mild nonp rtnop w/o mclr edema
Diabetes mellitus	E09.3292	ICD10	Drug/chem diab with mild nonp rtnop w/o mclr edema
Diabetes mellitus	E09.3293	ICD10	Drug/chem diab with mild nonp rtnop without mclr edema
Diabetes mellitus	E09.3299	ICD10	Drug/chem diab with mild nonp rtnop without mclr edema
Diabetes mellitus	E09.33	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy
Diabetes mellitus	E09.331	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
Diabetes mellitus	E09.3311	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3312	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3313	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.3319	ICD10	Drug/chem diab with mod nonp rtnop with macular edema
Diabetes mellitus	E09.339	ICD10	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
Diabetes mellitus	E09.3391		Drug/chem diab with mod nonp rtnop without mclr edema
Diabetes mellitus	E09.3392	ICD10	Drug/chem diab with mod nonp rtnop without mclr edema
Diabetes mellitus	E09.3393	ICD10	Drug/chem diab with mod nonp rtnop without macular edema

			Drug/chem diab with mod nonp rtnop
Diabetes mellitus	E09.3399	ICD10	without mclr edema
			Drug or chemical induced diabetes
			mellitus with severe nonproliferative
Diabetes mellitus	E09.34	ICD10	diabetic retinopathy
			Drug or chemical induced diabetes
			mellitus with severe nonproliferative
Diabetes mellitus	E09.341	ICD10	diabetic retinopathy with macular edema
	500 0444	10540	Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3411	ICD10	with mclr edema
Diahataa waallituu	F00 2412	10010	Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3412	ICD10	with mclr edema
Diahatas mallitus	F00 2412	ICD10	Drug/chem diab with severe nonp rtnop with macular edema
Diabetes mellitus	E09.3413	ICDIO	
Diabetes mellitus	E00 2/10	ICD10	Drug/chem diab with severe nonp rtnop with mclr edema
Diabetes meintus	103.3413	ICDIO	
			Drug or chemical induced diabetes mellitus with severe nonproliferative
			diabetic retinopathy without macular
Diabetes mellitus	E09.349	ICD10	
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3491	ICD10	w/o mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3492	ICD10	w/o mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3493	ICD10	without mclr edema
			Drug/chem diab with severe nonp rtnop
Diabetes mellitus	E09.3499	ICD10	w/o mclr edema
			Drug or chemical induced diabetes
District Pro	500.05	105.10	mellitus with proliferative diabetic
Diabetes mellitus	E09.35	ICD10	retinopathy
			Drug or chemical induced diabetes
Diabotos mallitus	E00 2E1	ICD10	mellitus with proliferative diabetic
Diabetes mellitus	E09.351	ICDIO	retinopathy with macular edema
Diabetes mellitus	E09.3511	ICD10	Drug/chem diab with prolif diab rtnop with mclr edema
Dianetes illellitus	LU3.3311	ICDIO	Drug/chem diab with prolif diab rtnop
Diabetes mellitus	F09 3512	ICD10	with mclr edema
Dianetes memitus	LU3.331Z	ICDIO	with fileli Euclina

			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3513	ICD10	with macular edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3519	ICD10	with mclr edema
			Drug or chemical induced diabetes
			mellitus with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E09.352	ICD10	detachment involving the macula
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3521	ICD10	trctn dtch macula
5.1.	500 2522	10040	Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3522	ICD10	trctn dtch macula
Diahatas mallitus	F00 2F22	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch macula
Diabetes mellitus	E09.3523	ICDIO	
Diabetes mellitus	E09.3529	ICD10	Drug/chem diab w prolif diab rtnop w trctn dtch macula
Diabetes meintus	L09.3329	ICDIO	Drug or chemical induced diabetes
			mellitus with proliferative diabetic
			retinopathy with traction retinal
Diabetes mellitus	E09.353	ICD10	detachment not involving the macula
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3531	ICD10	trctn dtch n-mcla
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3532	ICD10	trctn dtch n-mcla
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3533	ICD10	trctn dtch n-mcla
			Drug/chem diab w prolif diab rtnop w
Diabetes mellitus	E09.3539	ICD10	trctn dtch n-mcla
			Drug or chemical induced diabetes
			mellitus with proliferative diabetic
			retinopathy with combined traction retinal
D'abata a ma	F00 35 :	10040	detachment and rhegmatogenous retinal
Diabetes mellitus	E09.354	ICD10	detachment
Diabetes mellitus	E00 25 44	ICD10	Drug/chem diab w prolif diab rtnop with comb detach
Diabetes meilitus	EU3.3341	ICDIO	
Diabetes mellitus	F09 3542	ICD10	Drug/chem diab w prolif diab rtnop with comb detach
Diabetes illellitus	205.5542	10010	Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3543	ICD10	with comb detach
	1 -55.55 15		

			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3549	ICD10	with comb detach
			Drug or chemical induced diabetes
			mellitus with stable proliferative diabetic
Diabetes mellitus	E09.355	ICD10	retinopathy
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3551	ICD10	diabetic rtnop
			Drug/chem diab with stable prolif diabetic
Diabetes mellitus	E09.3552	ICD10	rtnop
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3553	ICD10	diabetic rtnop
			Drug/chem diabetes with stable prolif
Diabetes mellitus	E09.3559	ICD10	diabetic rtnop
			Drug or chemical induced diabetes
			mellitus with proliferative diabetic
Diabetes mellitus	E09.359	ICD10	retinopathy without macular edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3591	ICD10	w/o mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3592	ICD10	w/o mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3593	ICD10	without mclr edema
			Drug/chem diab with prolif diab rtnop
Diabetes mellitus	E09.3599	ICD10	w/o mclr edema
			Drug or chemical induced diabetes
Diabetes mellitus	E09.36	ICD10	mellitus with diabetic cataract
			Drug or chemical induced diabetes
Diabetes mellitus	E09.37	ICD10	mellitus with diabetic macular edema
Diabetes mellitus	E09.37X1	ICD10	Drug/chem diab w diab mclr edma
Diabetes mellitus	E09.37X2	ICD10	Drug/chem diab w diab mclr edma
Diabetes mellitus	E09.37X3	ICD10	Drug/chem diab with diab mclr edema
Diabetes mellitus	E09.37X9	ICD10	Drug/chem diab with diab mclr edma
			Drug/chem diabetes w oth diabetic
Diabetes mellitus	E09.39	ICD10	ophthalmic complication
			Drug or chemical induced diabetes
Diabetes mellitus	E09.4	ICD10	mellitus with neurological complications
			Drug or chemical induced diabetes
			mellitus with neurological complications
Diabetes mellitus	E09.40	ICD10	with diabetic neuropathy

			Drug/chem diabetes w neuro comp w
Diabetes mellitus	E09.41	ICD10	diabetic mononeuropathy
			Drug or chemical induced diabetes
			mellitus with neurological complications
Diabetes mellitus	E09.42	ICD10	with diabetic polyneuropathy
			Drug or chemical induced diabetes
			mellitus with neurological complications
Diabetes mellitus	E09.43	ICD10	with diabetic autonomic (poly)neuropathy
			Drug/chem diabetes w neurological comp
Diabetes mellitus	E09.44	ICD10	w diabetic amyotrophy
			Drug/chem diabetes w neuro comp w oth
Diabetes mellitus	E09.49	ICD10	diabetic neuro comp
		4	Drug or chemical induced diabetes
Diabetes mellitus	E09.5	ICD10	mellitus with circulatory complications
			Drug or chemical induced diabetes
			mellitus with diabetic peripheral
Diabetes mellitus	E09.51	ICD10	angiopathy without gangrene
			Drug/chem diabetes w diabetic prph
Diabetes mellitus	E09.52	ICD10	angiopath w gangrene
			Drug/chem diabetes mellitus w oth
Diabetes mellitus	E09.59	ICD10	circulatory complications
			Drug or chemical induced diabetes
			mellitus with other specified
Diabetes mellitus	E09.6	ICD10	complications
			Drug or chemical induced diabetes
Diabetes mellitus	E09.61	ICD10	mellitus with diabetic arthropathy
			Drug/chem diabetes w diabetic
Diabetes mellitus	E09.610	ICD10	neuropathic arthropathy
			Drug/chem diabetes mellitus w oth
Diabetes mellitus	E09.618	ICD10	diabetic arthropathy
			Drug or chemical induced diabetes
Diabetes mellitus	E09.62	ICD10	mellitus with skin complications
			Drug/chem diabetes mellitus w diabetic
Diabetes mellitus	E09.620	ICD10	dermatitis
			Drug or chemical induced diabetes
Diabetes mellitus	E09.621	ICD10	mellitus with foot ulcer
			Drug or chemical induced diabetes
Diabetes mellitus	E09.622	ICD10	mellitus with other skin ulcer

Diabetes mellitus	E13.11	ICD10	Other specified diabetes mellitus with ketoacidosis with coma
Diabetes mellitus	E13.10	ICD10	Other specified diabetes mellitus with ketoacidosis without coma
Diabetes mellitus	E13.1	ICD10	ketoacidosis
Diabetes mellitus	E13.01	ICD10	hyperosmolarity with coma Other specified diabetes mellitus with
			Other specified diabetes mellitus with
Diabetes mellitus	E13.00	ICD10	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
Diabetes mellitus	E13.0	ICD10	Other specified diabetes mellitus with hyperosmolarity
Diabetes mellitus	E13.0	ICD10	Other specified diabetes mellitus
Diabetes mellitus	E09.9	ICD10	Drug or chemical induced diabetes mellitus without complications
Diabetes mellitus	E09.8	ICD10	mellitus with unspecified complications
Diabetes mellitus	E09.69	ICD10	mellitus with other specified complication  Drug or chemical induced diabetes
	F00 60	105.10	Drug or chemical induced diabetes
Diabetes mellitus	E09.65	ICD10	Drug or chemical induced diabetes mellitus with hyperglycemia
Diabetes mellitus	E09.649	ICD10	mellitus with hypoglycemia without coma
			Drug or chemical induced diabetes
Diabetes mellitus	E09.641	ICD10	hypoglycemia w coma
Diabetes mellitus	E09.64	ICD10	mellitus with hypoglycemia  Drug/chem diabetes mellitus w
Diabetes mellitus	E09.638	ICD10	complications  Drug or chemical induced diabetes
Diabetes mellitus	E09.630	ICD10	periodontal disease  Drug/chem diabetes mellitus w oth oral
	500.000	105.15	Drug/chem diabetes mellitus w
Diabetes mellitus	E09.63	ICD10	Drug or chemical induced diabetes mellitus with oral complications
Diabetes mellitus	E09.628	ICD10	complications
			Drug/chem diabetes mellitus w oth skin

Diabatas mallitus	F12.2	ICD10	Other specified diabetes mellitus with
Diabetes mellitus	E13.2	ICDIO	kidney complications
D: 1	542.24	10040	Other specified diabetes mellitus with
Diabetes mellitus	E13.21	ICD10	diabetic nephropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.22	ICD10	diabetic chronic kidney disease
			Other specified diabetes mellitus with
Diabetes mellitus	E13.29	ICD10	other diabetic kidney complication
			Other specified diabetes mellitus with
Diabetes mellitus	E13.3	ICD10	ophthalmic complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.36	ICD10	diabetic cataract
			Other specified diabetes mellitus with
Diabetes mellitus	E13.37	ICD10	diabetic macular edema
			Other specified diabetes mellitus with
Diabetes mellitus	E13.37X1	ICD10	diabetic macular edema
			Other specified diabetes mellitus with
Diabetes mellitus	E13.37X2	ICD10	diabetic macular edema
Diabetes memeas	120.077.2	10210	Other specified diabetes mellitus with
Diabetes mellitus	F13 37X3	ICD10	diabetic macular edema
Diabetes memeas	L13.3773	ICDIO	Other specified diabetes mellitus with
Diabetes mellitus	E12 27V0	ICD10	diabetic macular edema
Diabetes meintus	E13.37A9	ICDIO	
Diahataa mallitus	F12 20	ICD10	Other specified diabetes mellitus with
Diabetes mellitus	E13.39	ICDIO	other diabetic ophthalmic complication
			Other specified diabetes mellitus with
Diabetes mellitus	E13.4	ICD10	neurological complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.40	ICD10	diabetic neuropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.41	ICD10	diabetic mononeuropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.42	ICD10	diabetic polyneuropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.43	ICD10	diabetic autonomic (poly)neuropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.44	ICD10	diabetic amyotrophy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.49	ICD10	other diabetic neurological complication
	1		Other specified diabetes mellitus with
Diabetes mellitus	F13 5	ICD10	circulatory complications
Diabetes memtas	L13.3	10010	on ediatory complications

			Other specified diabetes mellitus with
			diabetic peripheral angiopathy without
Diabetes mellitus	E13.51	ICD10	gangrene
			Other specified diabetes mellitus with
			diabetic peripheral angiopathy with
Diabetes mellitus	E13.52	ICD10	gangrene
			Other specified diabetes mellitus with
Diabetes mellitus	E13.59	ICD10	other circulatory complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.6	ICD10	other specified complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.61	ICD10	diabetic arthropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.610	ICD10	diabetic neuropathic arthropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.618	ICD10	other diabetic arthropathy
			Other specified diabetes mellitus with
Diabetes mellitus	E13.62	ICD10	skin complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.620	ICD10	diabetic necrobiosis lipoidica
			Other specified diabetes mellitus with
Diabetes mellitus	E13.621	ICD10	foot ulcer
			Other specified diabetes mellitus with
Diabetes mellitus	E13.622	ICD10	other skin ulcer
			Other specified diabetes mellitus with
Diabetes mellitus	E13.628	ICD10	other skin complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.63	ICD10	oral complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.630	ICD10	periodontal disease
			Other specified diabetes mellitus with
Diabetes mellitus	E13.638	ICD10	other oral complications
			Other specified diabetes mellitus with
Diabetes mellitus	E13.64	ICD10	hypoglycemia
			Other specified diabetes mellitus with
Diabetes mellitus	E13.641	ICD10	hypoglycemia with coma
			Other specified diabetes mellitus with
Diabetes mellitus	E13.649	ICD10	hypoglycemia without coma
B. I	F40.6=	105.46	Other specified diabetes mellitus with
Diabetes mellitus	E13.65	ICD10	hyperglycemia

Dishara a all'i	F42.60	10040	Other specified diabetes mellitus with
Diabetes mellitus	E13.69	ICD10	other specified complication
D. I	540.0	10540	Other specified diabetes mellitus with
Diabetes mellitus	E13.8	ICD10	unspecified complications
			Other specified diabetes mellitus without
Diabetes mellitus			complications
Heart failure	428		Heart failure
Heart failure	428		Congestive heart failure (CHF) NOS
Heart failure	428		Congestive heart failure (CHF) NOS **
Heart failure	428.1		Left heart failure
Heart failure	428.2	ICD9	Systolic heart failure
Heart failure	428.2	ICD9	Systolic heart failure
Heart failure	428.21	ICD9	Systolic heart failure
Heart failure	428.22	ICD9	Systolic heart failure
Heart failure	428.23	ICD9	Systolic heart failure
Heart failure	428.3	ICD9	Diastolic heart failure
Heart failure	428.3	ICD9	Diastolic heart failure
Heart failure	428.31	ICD9	Diastolic heart failure
Heart failure	428.32	ICD9	Diastolic heart failure
Heart failure	428.33	ICD9	Diastolic heart failure
			Combined systolic and diastolic heart
Heart failure	428.4	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.4	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.41	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.42	ICD9	failure
			Combined systolic and diastolic heart
Heart failure	428.43	ICD9	failure
Heart failure	428.9	ICD9	Heart failure unspecified
Heart failure			Heart failure
Heart failure			Left ventricular failure
Heart failure			Systolic (congestive) heart failure
			Unspecified systolic (congestive) heart
Heart failure	150.20	ICD10	failure
Heart failure			Acute systolic (congestive) heart failure
Heart failure	_		Chronic systolic (congestive) heart failure
	.55.22		Acute on chronic systolic (congestive)
Heart failure	150 23	ICD10	heart failure
rical Clanule	130.23	ICDIO	incure failure

Heart failure	150.3	ICD10	Diastolic (congestive) heart failure
			Unspecified diastolic (congestive) heart
Heart failure	150.30	ICD10	failure
Heart failure	150.31	ICD10	Acute diastolic (congestive) heart failure
Heart failure	150.32	ICD10	Chronic diastolic (congestive) heart failure
			Acute on chronic diastolic (congestive)
Heart failure	150.33	ICD10	heart failure
			Combined systolic (congestive) and
Heart failure	150.4	ICD10	diastolic (congestive) heart failure
			Unspecified combined systolic
			(congestive) and diastolic (congestive)
Heart failure	150.40	ICD10	heart failure
		4	Acute combined systolic (congestive) and
Heart failure	150.41	ICD10	diastolic (congestive) heart failure
			Chronic combined systolic (congestive)
Heart failure	150.42	ICD10	and diastolic (congestive) heart failure
			Acute on chronic combined systolic
			(congestive) and diastolic (congestive)
Heart failure	150.43	ICD10	heart failure
Heart failure	150.8	ICD10	Other heart failure
Heart failure	150.81	ICD10	Right heart failure
Heart failure	150.810	ICD10	Right ventricular failure NOS
Heart failure	I50.811	ICD10	Acute right heart failure
Heart failure	I50.812	ICD10	Chronic right heart failure
Heart failure	I50.813	ICD10	Acute on chronic right heart failure
			Right ventricular failure secondary to left
Heart failure	150.814	ICD10	ventricular failure
Heart failure	150.82	ICD10	Biventricular heart failure
Heart failure	150.83	ICD10	High output heart failure
Heart failure	150.84	ICD10	Stage D heart failure
Heart failure	150.89	ICD10	Other heart failure
Heart failure	150.9	ICD10	Heart failure
Hypertension	401	ICD9	Essential hypertension
Hypertension	401.1	ICD9	Benign essential hypertension
Hypertension	401.9	ICD9	Hypertension NOS
Hypertension	459.3	ICD9	Chronic venous hypertension (idiopathic)
			Chronic venous hypertension without
Hypertension	459.3	ICD9	complications
Hypertension	459.31	ICD9	Chronic venous hypertension with ulcer

			Chronic venous hypertension with
Hypertension	459.32	ICD9	inflammation
			Chronic venous hypertension with ulcer
Hypertension	459.33	ICD9	and inflammation
71			Chronic venous hypertension with other
Hypertension	459.39	ICD9	complication
Hypertension	642		Hypertension complicating pregnancy
Hypertension	642.04	ICD9	Benign essential hypertension
Hypertension	642.1	ICD9	Hypertension secondary to renal disease
Hypertension	642.1	ICD9	Hypertension secondary to renal disease
Hypertension	642.11	ICD9	Hypertension secondary to renal disease
Hypertension	642.12	ICD9	Hypertension secondary to renal disease
Hypertension	642.13	ICD9	Hypertension secondary to renal disease
Hypertension	642.14	ICD9	Hypertension secondary to renal disease
			Other pre-existing hypertension
Hypertension	642.2	ICD9	complicating pregnancy
			Other pre-existing hypertension
Hypertension	642.2	ICD9	complicating pregnancy
Hypertension	642.21	ICD9	Other pre-existing hypertension
Hypertension	642.22	ICD9	Other pre-existing hypertension
Hypertension	642.23	ICD9	Other pre-existing hypertension
Hypertension	642.24	ICD9	Other pre-existing hypertension
			Unspecified hypertension complicating
Hypertension	642.9	ICD9	pregnancy
			Unspecified hypertension complicating
Hypertension	642.9	ICD9	pregnancy
Hypertension	642.91	ICD9	Unspecified hypertension
Hypertension	642.92	ICD9	Unspecified hypertension
Hypertension	642.93	ICD9	Unspecified antepartum hypertension
Hypertension	642.94	ICD9	Unspecified postpartum hypertension
Hypertension	997.91	ICD9	Hypertension
Hypertension	I10	ICD10	Essential (primary) hypertension
Hypertension	127.0	ICD10	Primary pulmonary hypertension
Hypertension	187.3	ICD10	Chronic venous hypertension (idiopathic)
			Chronic venous hypertension (idiopathic)
Hypertension	187.30	ICD10	without complications
			Chronic venous hypertension (idiopathic)
			without complications of right lower
Hypertension	187.301	ICD10	extremity

Hypertension	197 202	ICD10	Chronic venous hypertension (idiopathic) without complications of left lower extremity
пуреттепзіон	107.302	ICDIO	•
Hypertension	187.303	ICD10	Chronic venous hypertension (idiopathic) without complications of bilateral lower extremity
			Chronic venous hypertension (idiopathic) without complications of unspecified
Hypertension	187.309	ICD10	lower extremity
Hypertension	187.31	ICD10	Chronic venous hypertension (idiopathic) with ulcer
Hypertension	187.311	ICD10	Chronic venous hypertension (idiopathic) with ulcer of right lower extremity
		4	Chronic venous hypertension (idiopathic)
Hypertension	187.312	ICD10	with ulcer of left lower extremity
Hypertension	187.313	ICD10	Chronic venous hypertension (idiopathic) with ulcer of bilateral lower extremity
			Chronic venous hypertension (idiopathic)
Hypertension	187.319	ICD10	with ulcer of unspecified lower extremity
Hypertension	187.32	ICD10	Chronic venous hypertension (idiopathic) with inflammation
Hypertension	187.321	ICD10	Chronic venous hypertension w inflammation of r low extrem
Hypertension	187.322	ICD10	Chronic venous hypertension (idiopathic) with inflammation of left lower extremity
Hypertension	187 323	ICD10	Chronic venous hypertension (idiopathic) with inflammation of bilateral lower extremity
Пурстеплоп	107.323	ICDIO	Chronic venous hypertension w
Hypertension	187.329	ICD10	inflammation of unsp low extrm
Hypertension	187.33		Chronic venous hypertension (idiopathic) with ulcer and inflammation
			Chronic venous hypertension (idiopathic) with ulcer and inflammation of right
Hypertension	187.331	ICD10	lower extremity
	10-01-		Chronic venous hypertension (idiopathic) with ulcer and inflammation of left lower
Hypertension	187.332	ICD10	extremity

Hypertension	187.333	ICD10	Chronic venous hypertension (idiopathic) with ulcer and inflammation of bilateral lower extremity
Hypertension			Chronic venous hypertension (idiopathic) with ulcer and inflammation of unspecified lower extremity
Hypertension			Chronic venous hypertension (idiopathic) with other complications
Hypertension	187.391	ICD10	Chronic venous hypertension w oth comp of r low extrem
Hypertension	187.392	ICD10	Chronic venous hypertension w oth comp of I low extrem
Hypertension	187.393	ICD10	Chronic venous hypertension (idiopathic) with other complications of bilateral lower extremity
Hypertension	187.399	ICD10	Chronic venous hypertension (idiopathic) with other complications of unspecified lower extremity
Hypertension			Pre-existing hypertension complicating pregnancy
Hypertension	010.0	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.01	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.011	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.012	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.013	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.019	ICD10	Pre-existing essential hypertension complicating pregnancy
Hypertension	010.02	ICD10	Pre-existing essential hypertension complicating childbirth
Hypertension	010.03	ICD10	Pre-existing essential hypertension complicating the puerperium
Hypertension	010.1	ICD10	Pre-existing hypertensive heart disease complicating pregnancy
Hypertension	010.11	ICD10	Pre-existing hypertensive heart disease complicating pregnancy

Hypertension O10.111 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.112 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.113 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.119 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.12 ICD10 complicating pregnancy Pre-existing hypertensive heart disease Hypertension O10.13 ICD10 complicating childbirth Pre-existing hypertensive heart disease Hypertension O10.13 ICD10 complicating the puerperium Pre-existing hypertensive chronic kidney Hypertension O10.21 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.211 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.212 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.213 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.213 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.219 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.219 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.21 ICD10 disease complicating pregnancy Pre-existing hypertensive chronic kidney Hypertension O10.21 ICD10 disease complicating the puerperium Pre-existing hypertensive chronic kidney Hypertension O10.31 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Pre-existing hypertensive heart and chronic kidney				
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Hypertension  O10.21 ICD10 disease complicating pregnancy  Pre-existing hypertensive chronic kidney disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart and chronic	Llumortoroi o -	010.13	ICD40	
Hypertension  O10.21 ICD10 complicating the puerperium  Pre-existing hypertensive chronic kidney disease complicating pregnancy  Pre-existing hypertensive chronic kidney disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating hypertensive heart and chronic kidney disease c	nypertension	010.12	ICD10	<u> </u>
Hypertension  O10.21 ICD10 disease complicating pregnancy  Pre-existing hypertensive chronic kidney disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy		010.13	ICD10	<u> </u>
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Hypertension  O10.22 ICD10 disease complicating childbirth  Pre-existing hypertensive chronic kidney disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating	пурепензин	010.219	ICDIO	
Hypertension  O10.23 ICD10 disease complicating the puerperium  Pre-existing hypertensive heart and chronic kidney disease complicating  Hypertension  O10.3 ICD10 pregnancy  Pre-existing hypertensive heart and chronic kidney disease complicating	Hypertension	010 22	ICD10	- 7.
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Hypertension O10.31 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating Pre-existing hypertensive heart and chronic kidney disease complicating Pre-existing hypertensive heart and chronic kidney disease complicating				<u> </u>
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Hypertension O10.311 ICD10 pregnancy Pre-existing hypertensive heart and chronic kidney disease complicating				
Pre-existing hypertensive heart and chronic kidney disease complicating	Hypertension	010.311	ICD10	
chronic kidney disease complicating				
Hypertension O10.312 ICD10 pregnancy				<u> </u>
	Hypertension	010.312	ICD10	pregnancy

			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.313	ICD10	pregnancy
			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.319	ICD10	pregnancy
			Pre-existing hypertensive heart and
			chronic kidney disease complicating
Hypertension	010.32	ICD10	childbirth
			Pre-existing hypertensive heart and
			chronic kidney disease complicating the
Hypertension	010.33	ICD10	puerperium
			Pre-existing secondary hypertension
Hypertension	010.4	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.41	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.411	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.412	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.413	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.419	ICD10	complicating pregnancy
			Pre-existing secondary hypertension
Hypertension	010.42	ICD10	complicating childbirth
			Pre-existing secondary hypertension
Hypertension	010.43	ICD10	complicating the puerperium
			Unspecified pre-existing hypertension
Hypertension	010.9	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.91	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.911	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.912	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.913	ICD10	complicating pregnancy
			Unspecified pre-existing hypertension
Hypertension	010.919	ICD10	complicating pregnancy

			Unspecified pre-existing hypertension
Hypertension	010 92	ICD10	complicating childbirth
riypertension	010.92	ICDIO	<u> </u>
Hyportonsion	010 02	ICD10	Unspecified pre-existing hypertension complicating the puerperium
Hypertension	010.93	ICDIO	
			Gestational [pregnancy-induced]
Hypertension	013	ICD10	hypertension without significant proteinuria
riypertension	013	ICDIO	
			Gestational [pregnancy-induced] hypertension without significant
Hypertension	013.1	ICD10	proteinuria
Пурстеплоп	013.1	ICDIO	Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.2	ICD10	proteinuria
турстспэюп	013.2	10010	Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.3	ICD10	proteinuria
Hypertension			Gestatnl htn without significant protein
Hypertension			Gestatrii htti without significant protein
Пурстеплоп	013.3	ICDIO	Gestational [pregnancy-induced]
			hypertension without significant
Hypertension	013.9	ICD10	proteinuria
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
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Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Hypertension			Unspecified maternal hypertension
Stroke	430		Subarachnoid hemorrhage
Stroke	430		Subarachnoid hemorrhage **
Stroke	431		Intracerebral hemorrhage
Stroke	431		Intracerebral hemorrhage **
	.52	. 32 3	Other and unspecified intracranial
Stroke	432	ICD9	hemorrhage
Stroke	432		Nontraumatic extradural hemorrhage
Stroke	432.1		Subdural hemorrhage
Stroke	432.9		Unspecified intracranial hemorrhage
			Occlusion and stenosis of precerebral
Stroke	433	ICD9	arteries
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Stroke 433 ICD9 Occlusion and stenosis of basilar artery Stroke 433.01 ICD9 Occlusion and stenosis of basilar artery Stroke 433.1 ICD9 Occlusion and stenosis of carotid artery Stroke 433.1 ICD9 Occlusion and stenosis of carotid artery Stroke 433.1 ICD9 Occlusion and stenosis of carotid artery Stroke 433.1 ICD9 Occlusion and stenosis of carotid artery Stroke 433.2 ICD9 Occlusion and stenosis of vertebral artery Stroke 433.2 ICD9 Occlusion and stenosis of vertebral artery Stroke 433.3 ICD9 Occlusion and stenosis of vertebral artery Occlusion and stenosis of multiple and Stroke 433.3 ICD9 bilateral precerebral arteries Occlusion and stenosis of multiple and Stroke 433.3 ICD9 bilateral precerebral arteries Occlusion and stenosis of multiple and Stroke 433.8 ICD9 bilateral precerebral arteries Occlusion and stenosis of multiple and Stroke 433.8 ICD9 bilateral precerebral arteries Occlusion and stenosis of other specified precerebral artery Occlusion and stenosis of unspecified Occlusion and stenosis of unspecified precerebral artery Occlusion and stenosis of unspecified Occlusion Oc		1		
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Stroke 433.2 ICD9 Occlusion and stenosis of vertebral artery  Stroke 433.2 ICD9 Occlusion and stenosis of vertebral artery  Stroke 433.21 ICD9 Occlusion and stenosis of vertebral artery  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of other specified bilateral precerebral arteries  Occlusion and stenosis of other specified precerebral artery  Occlusion and stenosis of other specified precerebral artery  Occlusion and stenosis of other specified precerebral artery  Occlusion and stenosis of unspecified precerebral artery  Occlusion and stenosis of other specified precerebral artery  Oc	Stroke	433.1	ICD9	Occlusion and stenosis of carotid artery
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Stroke 433.3 ICD9 bilateral precerebral arteries  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of multiple and bilateral precerebral arteries  Occlusion and stenosis of other specified precerebral artery  Occlusion and stenosis of unspecified precerebral artery  Occlusion and stenosis of unspecified precerebral artery  Stroke 433.9 ICD9 precerebral artery  Stroke 433.91 ICD9 Unspecified precerebral artery  Stroke 434.1 ICD9 Occlusion of cerebral arteries  Stroke 434.01 ICD9 Cerebral thrombosis  Stroke 434.1 ICD9 Cerebral embolism  Stroke 434.1 ICD9 Cerebral artery occlusion  Stroke 434.9 ICD9 Cerebral artery occlusion  Other generalized ischemic				·
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Stroke 433.31 ICD9 bilateral precerebral arteries  Occlusion and stenosis of other specified precerebral artery  Occlusion and stenosis of unspecified precerebral artery  Occlusion and stenosis of unspecified precerebral artery  Occlusion and stenosis of unspecified precerebral artery  Stroke 433.9 ICD9 Unspecified precerebral artery  Stroke 434 ICD9 Occlusion of cerebral arteries  Stroke 434 ICD9 Cerebral thrombosis  Stroke 434.01 ICD9 Cerebral thrombosis  Stroke 434.1 ICD9 Cerebral embolism  Stroke 434.1 ICD9 Cerebral embolism  Stroke 434.1 ICD9 Cerebral embolism  Stroke 434.1 ICD9 Cerebral artery occlusion  Stroke 434.9 ICD9 Cerebral artery occlusion  Other generalized ischemic				·
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Stroke  433.9 ICD9 precerebral artery  Occlusion and stenosis of unspecified  Stroke  433.9 ICD9 precerebral artery  Stroke  433.9 ICD9 precerebral artery  Stroke  434.01 ICD9 Cerebral thrombosis  Stroke  434.1 ICD9 Cerebral embolism  Stroke  434.1 ICD9 Cerebral embolism  Stroke  434.1 ICD9 Cerebral embolism  Stroke  434.1 ICD9 Cerebral artery  Stroke  434.1 ICD9 Cerebral embolism  Stroke  434.1 ICD9 Cerebral embolism  Stroke  434.1 ICD9 Cerebral embolism  Stroke  434.1 ICD9 Cerebral artery occlusion  Stroke  434.9 ICD9 Cerebral artery occlusion  Stroke  434.9 ICD9 Cerebral artery occlusion  Other generalized ischemic	Stroko	/122 01	ICDO	
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Stroke 434.01 ICD9 Cerebral thrombosis  Stroke 434.1 ICD9 Cerebral embolism  Stroke 434.1 ICD9 Cerebral embolism  Stroke 434.11 ICD9 Cerebral embolism  Stroke 434.9 ICD9 Cerebral artery occlusion  Stroke 434.9 ICD9 Cerebral artery occlusion  Stroke 434.91 ICD9 Cerebral artery occlusion  Other generalized ischemic				
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Stroke 434.1 ICD9 Cerebral embolism  Stroke 434.11 ICD9 Cerebral embolism  Stroke 434.9 ICD9 Cerebral artery occlusion  Stroke 434.9 ICD9 Cerebral artery occlusion  Stroke 434.91 ICD9 Cerebral artery occlusion  Other generalized ischemic				
Stroke 434.11 ICD9 Cerebral embolism  Stroke 434.9 ICD9 Cerebral artery occlusion  Stroke 434.9 ICD9 Cerebral artery occlusion  Stroke 434.91 ICD9 Cerebral artery occlusion  Other generalized ischemic				
Stroke 434.9 ICD9 Cerebral artery occlusion Stroke 434.9 ICD9 Cerebral artery occlusion Stroke 434.91 ICD9 Cerebral artery occlusion Other generalized ischemic				
Stroke 434.9 ICD9 Cerebral artery occlusion Stroke 434.91 ICD9 Cerebral artery occlusion Other generalized ischemic				
Stroke 434.91 ICD9 Cerebral artery occlusion Other generalized ischemic	Stroke	434.9	ICD9	Cerebral artery occlusion
Other generalized ischemic	Stroke	434.9	ICD9	Cerebral artery occlusion
	Stroke	434.91	ICD9	Cerebral artery occlusion
Stroke 437.1 ICD9 cerebrovascular disease				Other generalized ischemic
	Stroke	437.1	ICD9	cerebrovascular disease

163	ICD10	Cerebral infarction
		Cerebral infarction due to cerebral venous
163.6	ICD10	
		Cerebral infarction due to embolism of
163.42	ICD10	anterior cerebral artery
		Cerebral infarction due to embolism of
I63.12	ICD10	basilar artery
		Cerebral infarction due to embolism of
163.113	ICD10	bilateral vertebral arteries
		Cerebral infarction due to embolism of
163.13	ICD10	carotid artery
		Cerebral infarction due to embolism of
163.44	ICD10	cerebellar artery
		Cerebral infarction due to embolism of
163.4	ICD10	cerebral arteries
		Cerebral infarction due to embolism of
163.422	ICD10	left anterior cerebral artery
		Cerebral infarction due to embolism of
163.132	ICD10	left carotid artery
160 110	10540	Cerebral infarction due to embolism of
163.442	ICD10	
162 442	10040	Cerebral infarction due to embolism of
163.412	ICDIO	left middle cerebral artery
162 422	ICD10	Cerebral infarction due to embolism of
163.432	ICDIO	left posterior cerebral artery
162 112	ICD10	Cerebral infarction due to embolism of
103.112		Cerebral infarction due to embolism of
163 //1		middle cerebral artery
103.41	ICDIO	Cerebral infarction due to embolism of
163 49	ICD10	other cerebral artery
103.73	.5510	Cerebral infarction due to embolism of
163.19	ICD10	other precerebral artery
	. 55 10	Cerebral infarction due to embolism of
163.43	ICD10	posterior cerebral artery
		Cerebral infarction due to embolism of
163.1	ICD10	precerebral arteries
		Cerebral infarction due to embolism of
163.421	ICD10	right anterior cerebral artery
	I63.6   I63.42   I63.113   I63.13   I63.44   I63.422   I63.432   I63.412   I63.412   I63.412   I63.412   I63.412   I63.413	I63.6   ICD10     I63.42   ICD10     I63.13   ICD10     I63.13   ICD10     I63.44   ICD10     I63.42   ICD10     I63.42   ICD10     I63.412   ICD10     I63.412   ICD10     I63.412   ICD10     I63.412   ICD10     I63.412   ICD10     I63.413   ICD10     I63.414   ICD10     I63.415   ICD10     I63.416   ICD10     I63.417   ICD10     I63.418   ICD10   ICD10     I63.418   ICD10   ICD10

Cerebral infarction due to embolism of Stroke  I63.131 ICD10 right carotid artery  Cerebral infarction due to embolism of Stroke  I63.441 ICD10 right cerebellar artery  Cerebral infarction due to embolism of Stroke  I63.411 ICD10 right middle cerebral artery  Cerebral infarction due to embolism of Stroke  I63.431 ICD10 right wertebral artery  Cerebral infarction due to embolism of Stroke  I63.411 ICD10 right vertebral artery  Cerebral infarction due to embolism of Stroke  I63.429 ICD10 unspecified anterior cerebral artery  Cerebral infarction due to embolism of Stroke  I63.439 ICD10 unspecified arterior due to embolism of Stroke  I63.449 ICD10 unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified middle cerebral artery  Cerebral infarction due to embolism of Unspecified posterior cerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified artery  Cerebral infarction		1		
Stroke    I63.441   ICD10   right cerebellar artery	Stroke	162 121	ICD10	
Stroke   I63.441   ICD10   right cerebellar artery   Cerebral infarction due to embolism of right middle cerebral artery   Cerebral infarction due to embolism of right posterior cerebral artery   Cerebral infarction due to embolism of right posterior cerebral artery   Cerebral infarction due to embolism of right posterior cerebral artery   Cerebral infarction due to embolism of Stroke   I63.411   ICD10   Infight vertebral artery   Cerebral infarction due to embolism of Stroke   I63.429   ICD10   Unspecified anterior cerebral artery   Cerebral infarction due to embolism of Stroke   I63.449   ICD10   Unspecified cerebellar artery   Cerebral infarction due to embolism of Stroke   I63.449   ICD10   Unspecified cerebellar artery   Cerebral infarction due to embolism of Stroke   I63.419   ICD10   Unspecified derebral artery   Cerebral infarction due to embolism of Unspecified posterior cerebral artery   Cerebral infarction due to embolism of Unspecified posterior cerebral artery   Cerebral infarction due to embolism of Unspecified posterior cerebral artery   Cerebral infarction due to embolism of Unspecified precerebral artery   Cerebral infarction due to embolism of Unspecified precerebral artery   Cerebral infarction due to embolism of Unspecified precerebral artery   Cerebral infarction due to embolism of Unspecified precerebral artery   Cerebral infarction due to embolism of Unspecified precerebral artery   Cerebral infarction due to thrombosis of Unspecified posterior cerebral artery   Cerebral infarction due to thrombosis of Unspecified posterior cerebral artery   Cerebral infarction due to thrombosis of Unspecified posterior cerebral artery   Cerebral infarction due to thrombosis of Unspecified posterior due to thr	JUNE	103.131	ICDIO	
Stroke    163.411   ICD10   right middle cerebral artery	Stroke	163 441	ICD10	
Stroke 163.411 ICD10 right middle cerebral artery  Cerebral infarction due to embolism of right vertebral artery  Stroke 163.111 ICD10 right posterior cerebral artery  Cerebral infarction due to embolism of right vertebral artery  Cerebral infarction due to embolism of right vertebral artery  Cerebral infarction due to embolism of stroke 163.429 ICD10 unspecified anterior cerebral artery  Cerebral infarction due to embolism of unspecified carotid artery  Cerebral infarction due to embolism of stroke 163.449 ICD10 unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of unspecified middle cerebral artery  Cerebral infarction due to embolism of unspecified middle cerebral artery  Cerebral infarction due to embolism of unspecified posterior cerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral infarction due to thrombosis of unspecified vertebral	Stroke	105.441	ICDIO	
Stroke I63.431 ICD10 right posterior cerebral artery  Cerebral infarction due to embolism of right posterior cerebral artery  Cerebral infarction due to embolism of right vertebral artery  Cerebral infarction due to embolism of unspecified anterior cerebral artery  Cerebral infarction due to embolism of unspecified carotid artery  Cerebral infarction due to embolism of unspecified carotid artery  Cerebral infarction due to embolism of unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified middle cerebral artery  Cerebral infarction due to embolism of Unspecified middle cerebral artery  Cerebral infarction due to embolism of Unspecified prosterior cerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral	Stroke	I63 411	ICD10	
Stroke 163.431 ICD10 right posterior cerebral artery  Cerebral infarction due to embolism of right vertebral artery  Cerebral infarction due to embolism of right vertebral artery  Cerebral infarction due to embolism of unspecified anterior cerebral artery  Cerebral infarction due to embolism of Cerebral infarction due to embolism of Unspecified carotid artery  Cerebral infarction due to embolism of Unspecified cerebellar artery  Cerebral infarction due to embolism of Unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified derebral artery  Cerebral infarction due to embolism of Unspecified posterior cerebral artery  Cerebral infarction due to embolism of Unspecified posterior cerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified unspecified unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified unspec	Stroke	105.411	ICDIO	
Stroke 163.411 ICD10 right vertebral artery  Cerebral infarction due to embolism of stroke 163.429 ICD10 unspecified anterior cerebral artery  Cerebral infarction due to embolism of stroke 163.439 ICD10 unspecified carotid artery  Cerebral infarction due to embolism of stroke 163.449 ICD10 unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of unspecified derebral artery  Cerebral infarction due to embolism of unspecified posterior cerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to th	Stroke	163 431	ICD10	
Stroke 163.111 ICD10 right vertebral artery  Cerebral infarction due to embolism of unspecified anterior cerebral artery  Cerebral infarction due to embolism of unspecified carotid artery  Cerebral infarction due to embolism of unspecified carotid artery  Cerebral infarction due to embolism of unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of unspecified derebral artery  Cerebral infarction due to embolism of unspecified middle cerebral artery  Cerebral infarction due to embolism of unspecified posterior cerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction	Stroke	105.451	ICDIO	
Stroke	Stroke	J63.111	ICD10	
Stroke	Stroke	105.111	10010	
Stroke    163.139   ICD10   Unspecified carotid artery	Stroke	163,429	ICD10	
Stroke I63.139 ICD10 unspecified carotid artery  Cerebral infarction due to embolism of unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebellar artery  Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of unspecified middle cerebral artery  Cerebral infarction due to embolism of unspecified posterior cerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infar	Stroke	103.123	10010	
Cerebral infarction due to embolism of Stroke  I63.449 ICD10 unspecified cerebellar artery  Cerebral infarction due to embolism of Stroke  I63.40 ICD10 unspecified cerebral artery  Cerebral infarction due to embolism of Stroke  I63.419 ICD10 unspecified middle cerebral artery  Cerebral infarction due to embolism of Stroke  I63.439 ICD10 unspecified posterior cerebral artery  Cerebral infarction due to embolism of Stroke  I63.10 ICD10 unspecified precerebral artery  Cerebral infarction due to embolism of Stroke  I63.119 ICD10 unspecified vertebral artery  Cerebral infarction due to embolism of Stroke  I63.11 ICD10 unspecified vertebral artery  Cerebral infarction due to embolism of Stroke  I63.32 ICD10 vertebral artery  Cerebral infarction due to thrombosis of Stroke  I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke  I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.35 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.31 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.31 ICD10 cerebellar artery	Stroke	163.139	ICD10	
Stroke 163.449 ICD10 unspecified cerebellar artery  Cerebral infarction due to embolism of Stroke 163.419 ICD10 unspecified cerebral artery  Cerebral infarction due to embolism of Unspecified middle cerebral artery  Cerebral infarction due to embolism of Unspecified middle cerebral artery  Cerebral infarction due to embolism of Unspecified posterior cerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosi	ou ou o	100120		
Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of unspecified cerebral artery  Cerebral infarction due to embolism of unspecified middle cerebral artery  Cerebral infarction due to embolism of unspecified posterior cerebral artery  Cerebral infarction due to embolism of unspecified posterior cerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified	Stroke	163.449	ICD10	
Stroke I63.40 ICD10 unspecified cerebral artery  Cerebral infarction due to embolism of unspecified middle cerebral artery  Cerebral infarction due to embolism of unspecified middle cerebral artery  Cerebral infarction due to embolism of unspecified posterior cerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery  Cerebral infarction due to thrombosis of unspecified vertebral artery		1001110		·
Cerebral infarction due to embolism of unspecified middle cerebral artery  Cerebral infarction due to embolism of Unspecified middle cerebral artery  Cerebral infarction due to embolism of Unspecified posterior cerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified precerebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to embolism of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral artery  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries  Cerebral infarction due to thrombosis of Unspecified vertebral arteries	Stroke	163.40	ICD10	
Stroke I63.419 ICD10 unspecified middle cerebral artery  Cerebral infarction due to embolism of unspecified posterior cerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to thrombosis of unsterior cerebral artery  Cerebral infarction due to thrombosis of unsterior cerebral artery  Cerebral infarction due to thrombosis of unsterior cerebral artery  Cerebral infarction due to thrombosis of unsterior derebral infarction due to throm		100110		
Stroke  I63.439 ICD10 unspecified posterior cerebral artery  Cerebral infarction due to embolism of Stroke  I63.10 ICD10 unspecified precerebral artery  Cerebral infarction due to embolism of Stroke  I63.119 ICD10 unspecified vertebral artery  Cerebral infarction due to embolism of Stroke  I63.11 ICD10 unspecified vertebral artery  Cerebral infarction due to embolism of Stroke  I63.31 ICD10 vertebral artery  Cerebral infarction due to thrombosis of Stroke  I63.32 ICD10 anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke  I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of Stroke  I63.31 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of	Stroke	163.419	ICD10	
Stroke I63.439 ICD10 unspecified posterior cerebral artery  Cerebral infarction due to embolism of IG3.10 ICD10 unspecified precerebral artery  Cerebral infarction due to embolism of Stroke I63.119 ICD10 unspecified vertebral artery  Cerebral infarction due to embolism of Stroke I63.11 ICD10 vertebral artery  Cerebral infarction due to thrombosis of Stroke I63.32 ICD10 anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of Stroke I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due t				
Stroke  I63.10 ICD10 unspecified precerebral artery  Cerebral infarction due to embolism of unspecified precerebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of vertebral artery  Cerebral infarction due to thrombosis of anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke  I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke  I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thro	Stroke	163.439	ICD10	
Stroke I63.119 ICD10 unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of vertebral artery  Cerebral infarction due to thrombosis of anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Stroke I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarc				
Stroke I63.119 ICD10 unspecified vertebral artery  Cerebral infarction due to embolism of unspecified vertebral artery  Cerebral infarction due to embolism of vertebral artery  Cerebral infarction due to thrombosis of anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Stroke I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarc	Stroke	163.10	ICD10	unspecified precerebral artery
Cerebral infarction due to embolism of Stroke I63.11 ICD10 vertebral artery  Cerebral infarction due to thrombosis of Stroke I63.32 ICD10 anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of Stroke I63.3 ICD10 cerebral arteries				
Cerebral infarction due to embolism of Stroke I63.11 ICD10 vertebral artery  Cerebral infarction due to thrombosis of Stroke I63.32 ICD10 anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of Stroke I63.3 ICD10 cerebral arteries	Stroke	163.119	ICD10	unspecified vertebral artery
Stroke  I63.32 ICD10 anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke  I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke  I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Stroke  Cerebral infarction due to thrombosis of Stroke  Cerebral infarction due to thrombosis of Stroke  Cerebral infarction due to thrombosis of				
Stroke  I63.32 ICD10 anterior cerebral artery  Cerebral infarction due to thrombosis of Stroke  I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke  I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Stroke  Cerebral infarction due to thrombosis of Stroke  Cerebral infarction due to thrombosis of Stroke  Cerebral infarction due to thrombosis of	Stroke	163.11	ICD10	vertebral artery
Stroke  I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of Stroke  I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of				
Stroke I63.02 ICD10 basilar artery  Cerebral infarction due to thrombosis of I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of	Stroke	163.32	ICD10	anterior cerebral artery
Stroke  I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke  I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke  I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of				Cerebral infarction due to thrombosis of
Stroke I63.03 ICD10 carotid artery  Cerebral infarction due to thrombosis of Stroke I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of Stroke I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of	Stroke	163.02	ICD10	basilar artery
Cerebral infarction due to thrombosis of cerebellar artery  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of Cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of				Cerebral infarction due to thrombosis of
Stroke I63.34 ICD10 cerebellar artery  Cerebral infarction due to thrombosis of ICD10 cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of	Stroke	163.03	ICD10	carotid artery
Stroke Cerebral infarction due to thrombosis of Cerebral arteries  Cerebral infarction due to thrombosis of Cerebral infarction due to thrombosis of				Cerebral infarction due to thrombosis of
Stroke I63.3 ICD10 cerebral arteries  Cerebral infarction due to thrombosis of	Stroke	163.34	ICD10	cerebellar artery
Cerebral infarction due to thrombosis of				Cerebral infarction due to thrombosis of
	Stroke	163.3	ICD10	cerebral arteries
C1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				Cerebral infarction due to thrombosis of
Stroke   I63.322 ICD10 left anterior cerebral artery	Stroke	163.322	ICD10	left anterior cerebral artery

Stroke	163.30	ICD10	unspecified cerebral artery	
			Cerebral infarction due to thrombosis of	
Stroke	163.349	ICD10	Cerebral infarction due to thrombosis of unspecified cerebellar artery	
Stroke	163.039	ICD10	unspecified carotid artery	
			Cerebral infarction due to thrombosis of	
Stroke	163.329	ICD10	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	
Stroke	163.011	ICD10	Cerebral infarction due to thrombosis of right vertebral artery	
Stroke	163.331	ICD10	right posterior cerebral artery	
Stroke	163.311	ICD10	right middle cerebral artery  Cerebral infarction due to thrombosis of	
JU OKE	103.341	ICDIO	Cerebral infarction due to thrombosis of	
Stroke			Cerebral infarction due to thrombosis of right cerebellar artery	
Stroke	163.031	ICD10	Cerebral infarction due to thrombosis of right carotid artery	
Stroke	163.321	ICD10	Cerebral infarction due to thrombosis of right anterior cerebral artery	
Stroke	163.0	ICD10	Cerebral infarction due to thrombosis of precerebral arteries	
Stroke	163.33	ICD10	posterior cerebral artery	
	.00.03	.5510	Cerebral infarction due to thrombosis of	
Stroke	163.09	ICD10	Cerebral infarction due to thrombosis of other precerebral artery	
Stroke	163.39	ICD10	other cerebral artery	
		,	Cerebral infarction due to thrombosis of	
Stroke	163.31	ICD10	Cerebral infarction due to thrombosis of middle cerebral artery	
Stroke	163.012	ICD10	left vertebral artery	
<del>Jei Jike</del>	103.332	10010	Cerebral infarction due to thrombosis of	
Stroke	163 332	ICD10	Cerebral infarction due to thrombosis of left posterior cerebral artery	
Stroke	l63.312	ICD10	left middle cerebral artery	
		_	Cerebral infarction due to thrombosis of	
Stroke	163.342	ICD10	left cerebellar artery	
			Cerebral infarction due to thrombosis of	
Stroke	163.032	ICD10	Cerebral infarction due to thrombosis of left carotid artery	

		ī	
Stroke	163 319	ICD10	Cerebral infarction due to thrombosis of unspecified middle cerebral artery
Stroke	103.313	ICDIO	Cerebral infarction due to thrombosis of
Stroke	162 220	ICD10	unspecified posterior cerebral artery
Stroke	103.339	ICDIO	
Chualca	163.00	ICD10	Cerebral infarction due to thrombosis of
Stroke	163.00	ICDIO	unspecified precerebral artery
c. I	162.040	10040	Cerebral infarction due to thrombosis of
Stroke	163.019	ICD10	unspecified vertebral artery
	A		Cerebral infarction due to thrombosis of
Stroke	163.01	ICD10	vertebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of anterior cerebral
Stroke	163.52	ICD10	artery
		4	Cerebral infarction due to unspecified
Stroke	163.22	ICD10	occlusion or stenosis of basilar arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral anterior
Stroke	163.523	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral carotid
Stroke	163.233	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral
Stroke	163.543	ICD10	cerebellar arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral middle
Stroke	163.513	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral posterior
Stroke	163.533	ICD10	cerebral arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of bilateral vertebral
Stroke	163.213	ICD10	arteries
			Cerebral infarction due to unspecified
Stroke	163.23	ICD10	occlusion or stenosis of carotid arteries
	1 22.20		Cerebral infarction due to unspecified
Stroke	163.54	ICD10	occlusion or stenosis of cerebellar artery
	.00.54	.0510	Cerebral infarction due to unspecified
Stroke	163 5	ICD10	occlusion or stenosis of cerebral arteries
SHOKE	103.5	ICDIO	occiusion or stemosis of cerebral arteries

	<b>I</b>		
			Cerebral infarction due to unspecified
			occlusion or stenosis of left anterior
Stroke	163.522	ICD10	cerebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of left carotid
Stroke	163.232	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of left cerebellar
Stroke	163.542	ICD10	artery
			Cerebral infarction due to unspecified
•			occlusion or stenosis of left middle
Stroke	163.512	ICD10	cerebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of left posterior
Stroke	163.532	ICD10	cerebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of left vertebral
Stroke	163.212	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of middle cerebral
Stroke	163.51	ICD10	artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of other cerebral
Stroke	163.59	ICD10	artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of other precerebral
Stroke	163.29	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of posterior cerebral
Stroke	163.53	ICD10	
			Cerebral infarction due to unspecified
			occlusion or stenosis of precerebral
Stroke	163.2	ICD10	arteries
			Cerebral infarction due to unspecified
			occlusion or stenosis of right anterior
Stroke	163.521	ICD10	cerebral artery
			Cerebral infarction due to unspecified
			occlusion or stenosis of right carotid
Stroke	163.231	ICD10	arteries
	.55.251		

Stroke	163.423	ICD10	cerebral arteries
Suoke	103.9	ICDIO	Cerebral infarction  Cerebral infrc due to embolism of bi ant
Stroke Stroke	163.21		occlusion or stenosis of vertebral arteries Cerebral infarction
Stroko	162.21	ICD10	Cerebral infarction due to unspecified
Stroke	163.219	ICD10	occlusion or stenosis of unspecified vertebral arteries
	.55.20	.3210	Cerebral infarction due to unspecified
Stroke	163.20	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries
Stroke	163.539	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery
Stroke	163.519	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery
Stroke	163.50	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery
Stroke	163.549	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery
Stroke	163.239	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries
Stroke	163.529	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery
Stroke	163.211	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral arteries
Stroke	l63.531	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery
Stroke	l63.511	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
Stroke	163.541	ICD10	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery

			Cerebral infrc due to embolism of bi	
Stroke	163.413	ICD10	middle cerebral art	
			Cerebral infrc due to embolism of bi post	
Stroke	163.433	ICD10	cerebral arteries	
			Cerebral infrc due to embolism of	
Stroke	163.133	ICD10	bilateral carotid arteries	
			Cerebral infrc due to embolism of	
Stroke	163.443	ICD10	bilateral cereblr arteries	
			Cerebral infrc due to thombos of bi ant	
Stroke	163.323	ICD10	cerebral arteries	
			Cerebral infrc due to thombos of bi middle	
Stroke	163.313	ICD10	cerebral arteries	
			Cerebral infrc to thombos of bi posterior	
Stroke	163.333	ICD10	cerebral arteries	
			Cerebral infrc to thrombosis of bilateral	
Stroke	163.343	ICD10	cereblr arteries	
Stroke	163.8	ICD10	Other cerebral infarction	
Stroke	l61	ICD10	Nontraumatic intracerebral hemorrhage	
			Nontraumatic intracerebral hemorrhage	
Stroke	161.3	ICD10	in brain stem	
			Nontraumatic intracerebral hemorrhage	
Stroke	161.4	ICD10	in cerebellum	
			Nontraumatic intracerebral hemorrhage	
Stroke	161.1	ICD10	in hemisphere	
			Nontraumatic intracerebral hemorrhage	
Stroke	161.0	ICD10	in hemisphere	
			Nontraumatic intracerebral hemorrhage	
Stroke	161.2	ICD10	in hemisphere	
Stroke	I61.5	ICD10	Nontraumatic intracerebral hemorrhage	
Stroke	I61.6	ICD10	Nontraumatic intracerebral hemorrhage	
Stroke	l61.9	ICD10	Nontraumatic intracerebral hemorrhage	
			Other nontraumatic intracerebral	
Stroke	161.8	ICD10	hemorrhage	
Stroke	167.81	ICD10	Acute cerebrovascular insufficiency	

## STROBE 2007 (v4) checklist of items to be included in reports of observational studies in epidemiology\* Checklist for cohort, case-control, and cross-sectional studies (combined)

Section/Topic	Item#	Recommendation	Reported on page #
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract	1
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	3
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	3
Objectives	3	State specific objectives, including any pre-specified hypotheses	3
Methods			
Study design	4	Present key elements of study design early in the paper	4
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	4
Participants	6	(a) Cohort study—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up  Case-control study—Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls  Cross-sectional study—Give the eligibility criteria, and the sources and methods of selection of participants	4
		(b) Cohort study—For matched studies, give matching criteria and number of exposed and unexposed Case-control study—For matched studies, give matching criteria and the number of controls per case	4
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	5
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	4
Bias	9	Describe any efforts to address potential sources of bias	4
Study size	10	Explain how the study size was arrived at	4
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	4
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	4
		(b) Describe any methods used to examine subgroups and interactions	5
		(c) Explain how missing data were addressed	NA
		(d) Cohort study—If applicable, explain how loss to follow-up was addressed  Case-control study—If applicable, explain how matching of cases and controls was addressed	NA

		Cross-sectional study—If applicable, describe analytical methods taking account of sampling strategy	
		(e) Describe any sensitivity analyses	NA
Results	<u>'</u>		
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed	5
		(b) Give reasons for non-participation at each stage	NA
		(c) Consider use of a flow diagram	NA
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	5
		(b) Indicate number of participants with missing data for each variable of interest	5
		(c) Cohort study—Summarise follow-up time (eg, average and total amount)	5
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time	
		Case-control study—Report numbers in each exposure category, or summary measures of exposure	5
		Cross-sectional study—Report numbers of outcome events or summary measures	
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	10-19
		(b) Report category boundaries when continuous variables were categorized	10-19
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	NA
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	NA
Discussion	<b>'</b>		
Key results	18	Summarise key results with reference to study objectives	7-9
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	8-9
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	9
Generalisability	21	Discuss the generalisability (external validity) of the study results	9
Other information	I		
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	2

<sup>\*</sup>Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at http://www.plosmedicine.org/, Annals of Internal Medicine at http://www.annals.org/, and Epidemiology at http://www.epidem.com/). Information on the STROBE Initiative is available at www.strobe-statement.org.