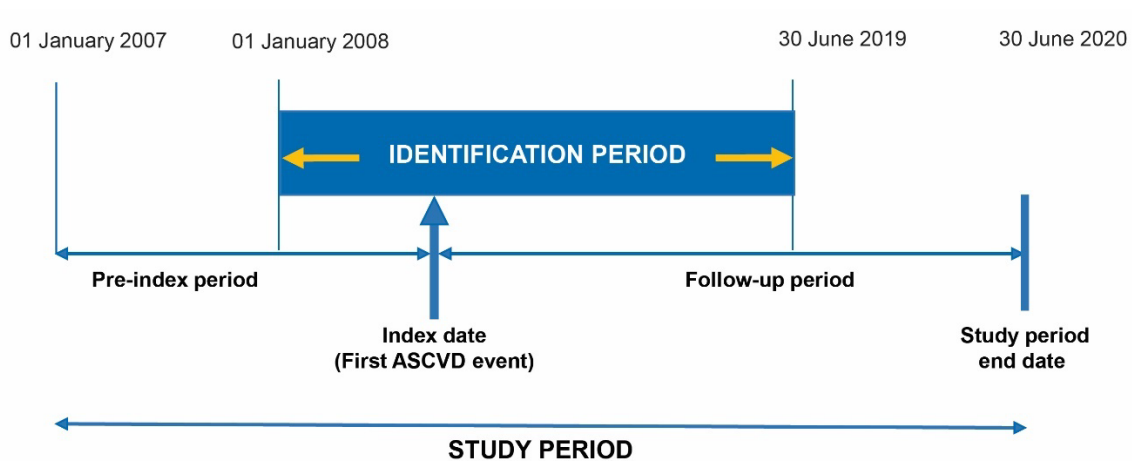


## SUPPLEMENTARY MATERIALS

### Burden of lipoprotein(a) for patients with atherosclerotic cardiovascular disease: A retrospective analysis from the United States

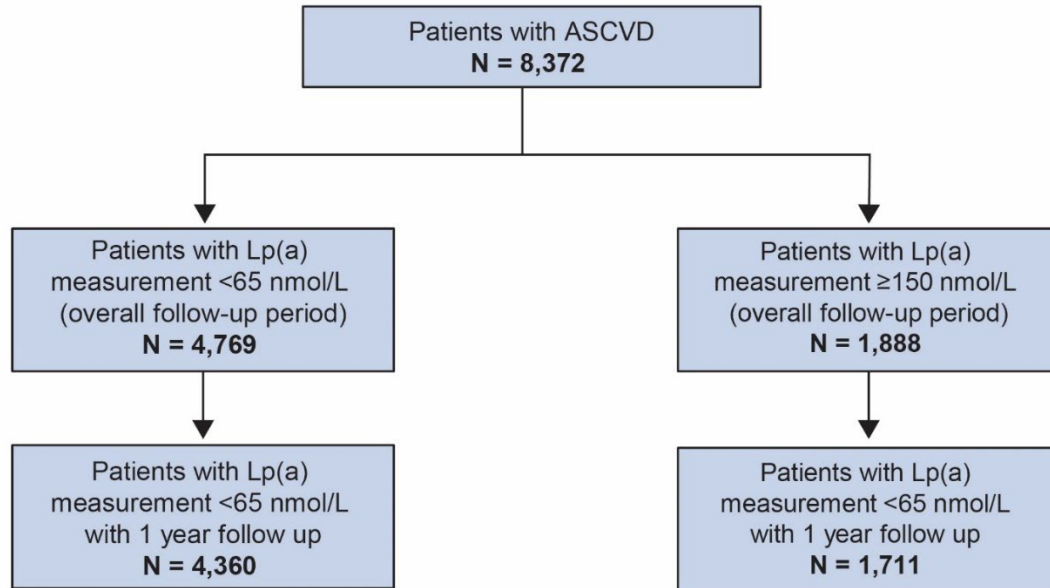
Ana F Fonseca, MS; Hannah Byrne, MS; Andres Laguna, PhD; Taha Itani, PhD; Rachel Studer, PhD; Jihaeng Heo, PhD; Allison Dillon, MS; Philippe Ferber, PhD; Madlaina Costa-Scharplatz, PhD

**Figure 1: Study design overview**



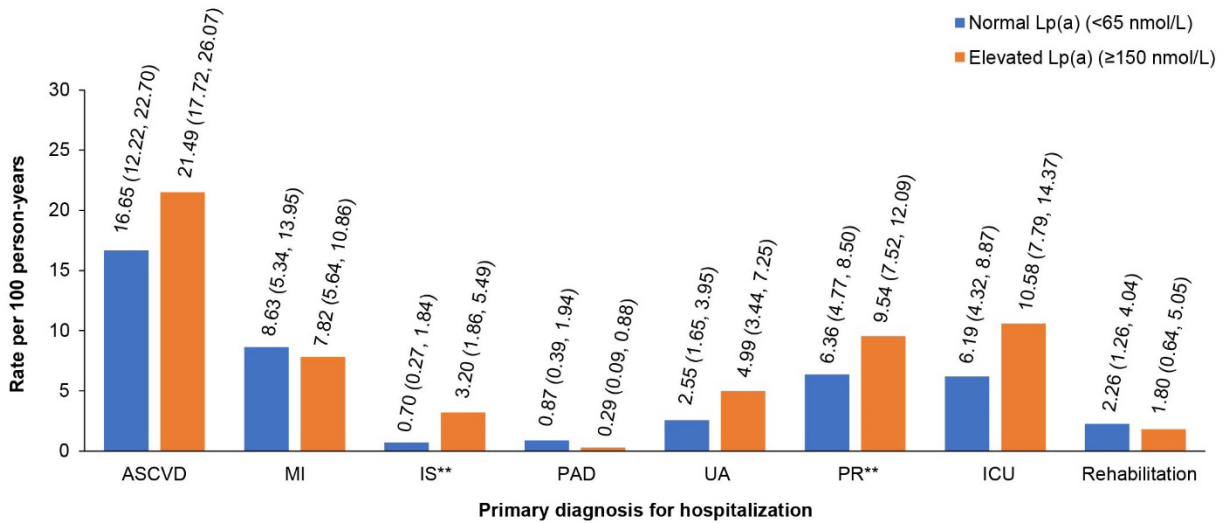
Identification period: Patients with first ASCVD event were identified during this time; Index date: First ASCVD event in the identification period following 12 months of continuous enrollment. Follow-up period: Up to one year from the index date, until the end of enrollment or the end of the study period, whichever occurred first.

**Figure 2: Patient flow diagram**



ASCVD: Atherosclerotic cardiovascular disease, Lp(a): Lipoprotein (a)

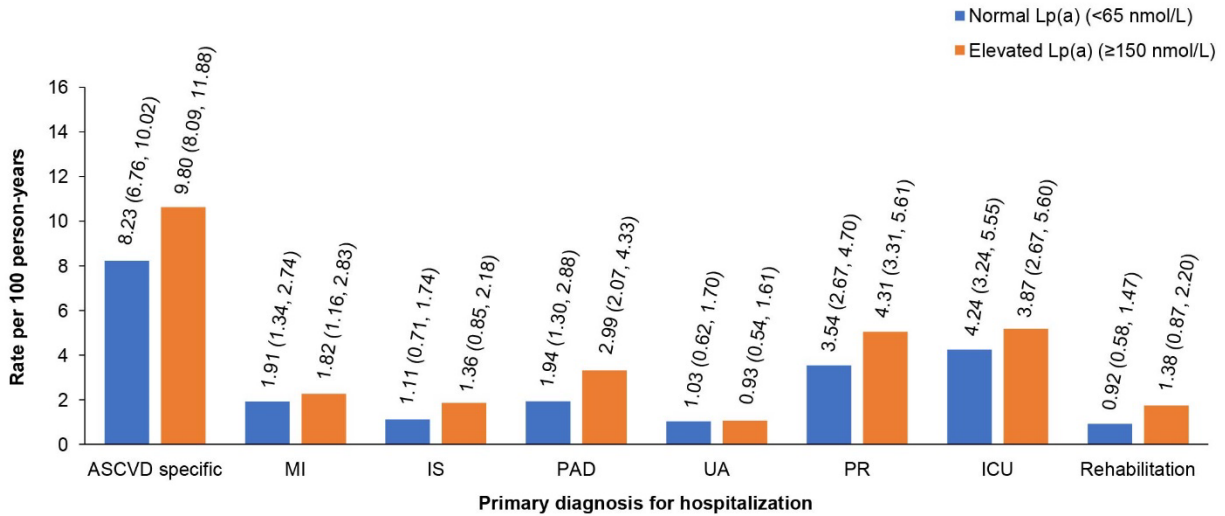
**Figure 3: Rate of inpatient hospitalizations per 100 person-years for subgroup of patients with MI index diagnosis, at one-year of follow up**



**Abbreviations:** ASCVD, Atherosclerotic Cardiovascular Disease; ICU, Intensive Care Unit; IS, Ischemic Stroke; MI, Myocardial Infarction; PAD, Peripheral Artery Disease; PR, Post Revascularization; UA, Unstable Angina

Note: Annualized rate was calculated as the number of encounters divided by person-years in follow-up. Poisson regression was used with Lp(a) group as the primary exposure, using log follow-up time as an offset. Variances were calculated with a robust sandwich estimator. 95% confidence intervals (CI) and p-values comparing incidence rates for normal and elevated Lp(a) groups come directly from the regression model. Adjusted incidence rates for the normal and elevated Lp(a) groups are the least-squares means centered at the mean covariate values in our dataset. Covariate adjustment was done for age (as continuous), sex, baseline statin use, and baseline diabetes. \*\*Elevated Lp(a) *versus* normal Lp(a) group p-value <0.05.

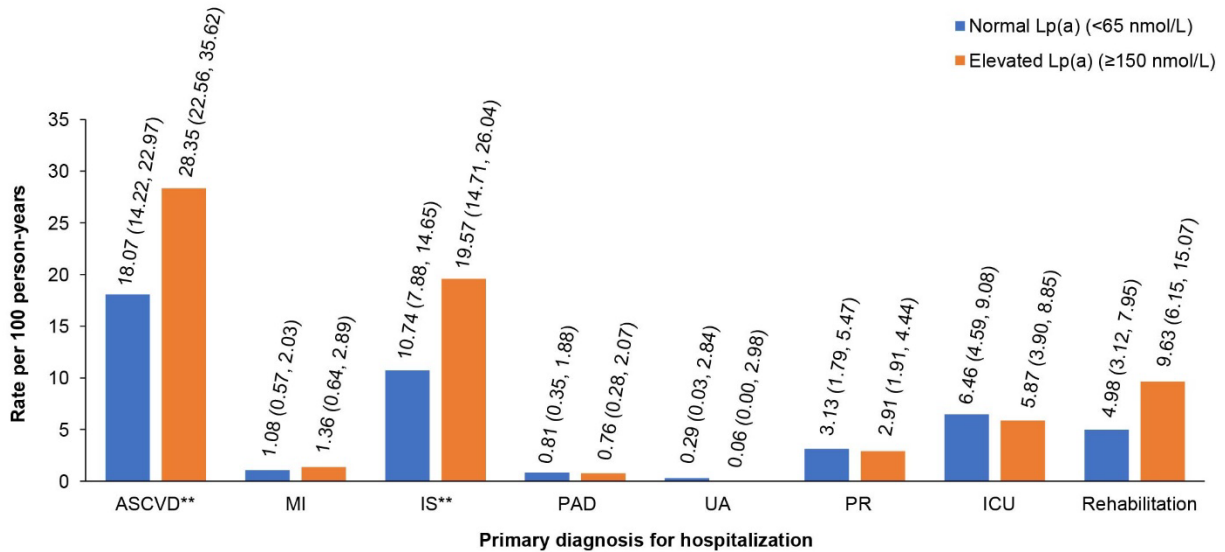
**Figure 4: Rate of inpatient hospitalizations per 100 person-years for subgroup of patients with PAD index diagnosis, at one-year of follow up**



**Abbreviations:** ASCVD, Atherosclerotic Cardiovascular Disease; ICU, Intensive Care Unit; IS, Ischemic Stroke; MI, Myocardial Infarction; PAD, Peripheral Artery Disease; PR, Post Revascularization; UA, Unstable Angina

Note: Annualized rate was calculated as the number of encounters divided by person-years in follow-up. Poisson regression was used with Lp(a) group as the primary exposure, using log follow-up time as an offset. Variances were calculated with a robust sandwich estimator. 95% confidence intervals (CI) and p-values comparing incidence rates for normal and elevated Lp(a) groups come directly from the regression model. Adjusted incidence rates for the normal and elevated Lp(a) groups are the least-squares means centered at the mean covariate values in our dataset. Covariate adjustment was done for age (as continuous), sex, baseline statin use, and baseline diabetes.

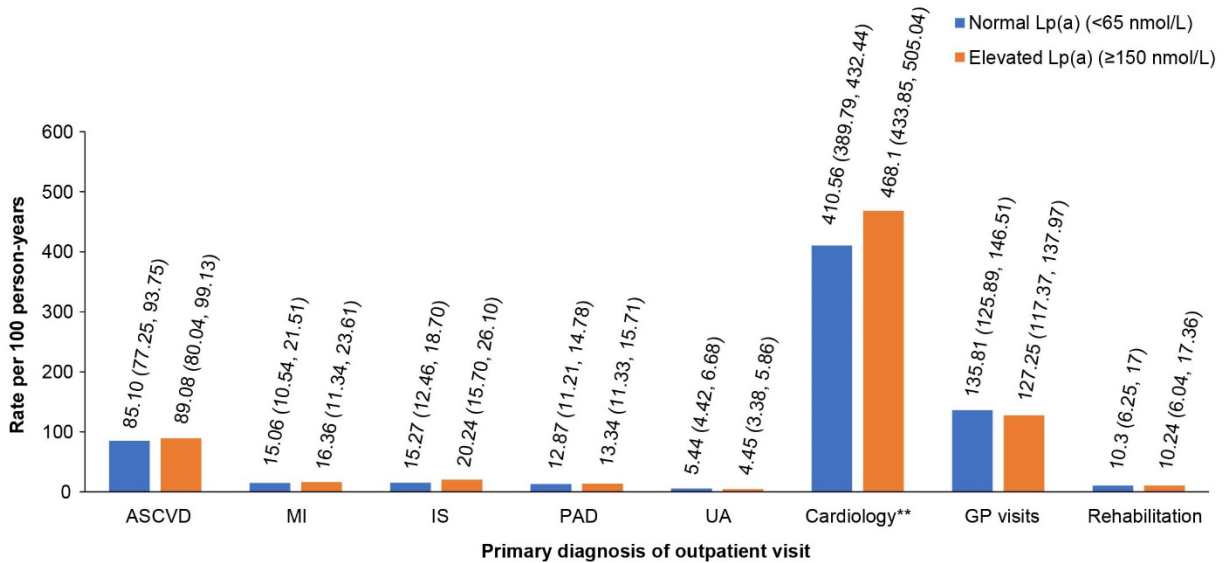
**Figure 5: Rate of inpatient hospitalizations per 100 person-years for subgroup of patients with IS index diagnosis, at one-year of follow up**



**Abbreviations:** ASCVD, Atherosclerotic Cardiovascular Disease; ICU, Intensive Care Unit; IS, Ischemic Stroke; MI, Myocardial Infarction; PAD, Peripheral Artery Disease; PR, Post Revascularization; UA, Unstable Angina

Note: Annualized rate was calculated as the number of encounters divided by person-years in follow-up. Poisson regression was used with Lp(a) group as the primary exposure, using log follow-up time as an offset. Variances were calculated with a robust sandwich estimator. 95% confidence intervals (CI) and p-values comparing incidence rates for normal and elevated Lp(a) groups come directly from the regression model. Adjusted incidence rates for the normal and elevated Lp(a) groups are the least-squares means centered at the mean covariate values in our dataset. Covariate adjustment was done for age (as continuous), sex, baseline statin use, and baseline diabetes. \*\*Elevated Lp(a) versus normal Lp(a) group p-value <0.05.

**Figure 6: Rate of outpatient visits per 100 person years for patients with normal and elevated Lp(a), with one-year of follow up**

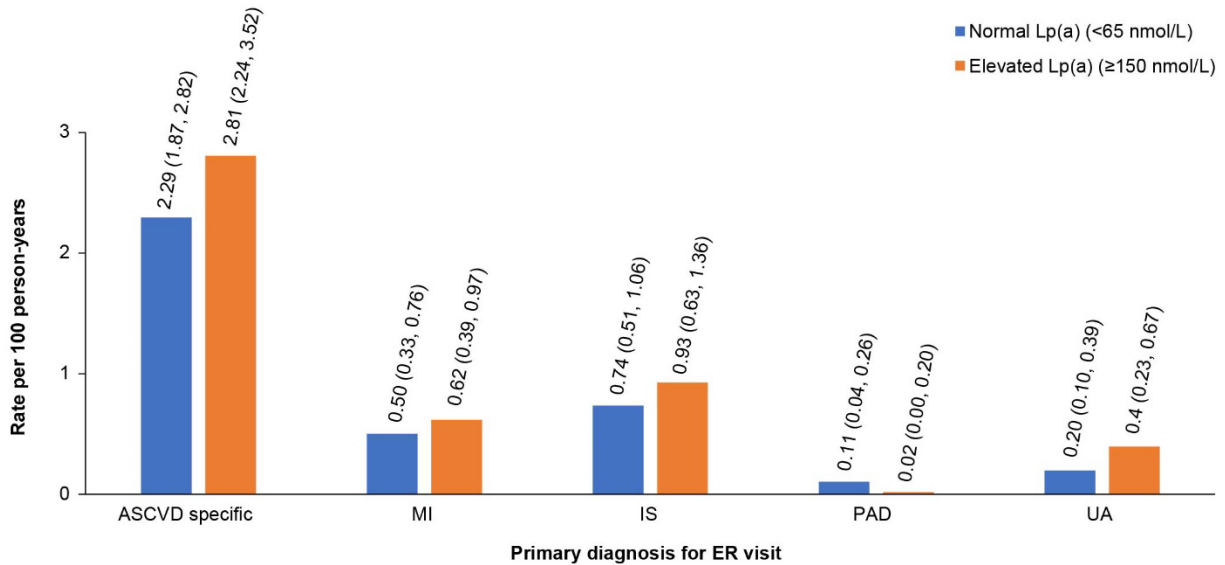


**Abbreviations:** ASCVD, Atherosclerotic Cardiovascular Disease; GP, General Practitioner; IS, Ischemic Stroke; MI, Myocardial Infarction; PAD, Peripheral Artery Disease; PR, Post Revascularization; UA, Unstable Angina

Note: Annualized rate was calculated as the number of encounters divided by person-years in follow-up. Poisson regression was used with Lp(a) group as the primary exposure, using log follow-up time as an offset. Variances were calculated with a robust sandwich estimator. 95% confidence intervals (CI) and p-values comparing incidence rates for normal and elevated Lp(a) groups come directly from the regression model. Adjusted incidence rates for the normal and elevated Lp(a) groups are the least-squares means centered at the mean covariate values in our dataset. Covariate adjustment was done for age (as continuous), sex, baseline statin use, and baseline diabetes.

\*\*Elevated Lp(a) *versus* normal Lp(a) group p-value <0.05.

**Figure 7: Rate of emergency room (ER) visits per 100 person years for patients with normal and elevated Lp(a), with one-year of follow up**



**Abbreviations:** ASCVD, Atherosclerotic Cardiovascular Disease; IS, Ischemic Stroke; MI, Myocardial Infarction; PAD, Peripheral Artery Disease; UA, Unstable Angina

Note: Annualized rate was calculated as the number of encounters divided by person-years in follow-up. Poisson regression was used with Lp(a) group as the primary exposure, using log follow-up time as an offset. Variances were calculated with a robust sandwich estimator. 95% confidence intervals (CI) and p-values comparing incidence rates for normal and elevated Lp(a) groups come directly from the regression model. Adjusted incidence rates for the normal and elevated Lp(a) groups are the least-squares means centered at the mean covariate values in our dataset. Covariate adjustment was done for age (as continuous), sex, baseline statin use, and baseline diabetes.

**Table 1: Baseline demographics for ASCVD patients with index diagnoses of MI, PAD or IS and one-year of follow-up, stratified by Lp(a) <65 nmol/L and ≥150 nmol/L**

Characteristics	MI (N=1,322)			PAD (N=2,691)			IS (N=1,106)		
	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value
<b>Total, n</b>	888	434		1938	753		779	327	
<b>Age, mean (SD)</b>	66.52 (11.94)	66.90 (11.09)	0.5787	69.76 (11.24)	69.41 (10.68)	0.5057	68.54 (12.29)	68.09 (12.29)	0.5764
<b>Gender, n (%)</b>									
Male	564 (63.51)	232 (53.46)	0.0005	917 (47.32)	283 (37.58)	<.0001	371 (47.63)	128 (39.14)	0.0099
Female	324 (36.49)	202 (46.54)		1021 (52.68)	470 (62.42)		408 (52.37)	199 (60.86)	
<b>Health Plan Type, n (%)</b>									
Commercial	303 (34.12)	147 (33.87)	0.8547	489 (25.23)	185 (24.57)	0.9443	204 (26.19)	73 (22.32)	0.1185
Medicare	585 (65.88)	286 (65.90)		1447 (74.66)	567 (75.30)		574 (73.68)	254 (77.68)	
<b>Index ASCVD Diagnosis, n (%)</b>									
MI, PAD, or Ischemic Stroke	888 (100.00)	434 (100.00)	NA	1938 (100.00)	753 (100.00)	NA	779 (100.00)	327 (100.00)	NA
MI	888 (100.00)	434 (100.00)	NA	311 (16.05)	138 (18.33)	0.1669	126 (16.17)	79 (24.16)	0.0022
PAD	304 (34.23)	142 (32.72)	0.6203	1938 (100.00)	753 (100.00)	NA	252 (32.35)	127 (38.84)	0.0440
IS	125 (14.08)	81 (18.66)	0.0356	249 (12.85)	128 (17.00)	0.0064	779 (100.00)	327 (100.00)	NA
TIA	38 (4.28)	15 (3.46)	0.5515	89 (4.59)	22 (2.92)	0.0521	107 (13.74)	29 (8.87)	0.0270
Unstable Angina	52 (5.86)	36 (8.29)	0.1006	73 (3.77)	30 (3.98)	0.8230	20 (2.57)	17 (5.20)	0.0418
Stable Angina	94 (10.59)	48 (11.06)	0.7776	174 (8.98)	66 (8.76)	0.9400	55 (7.06)	23 (7.03)	1.0000
Post-revascularization	61 (6.87)	36 (8.29)	0.3695	61 (3.15)	31 (4.12)	0.2370	19 (2.44)	10 (3.06)	0.5415
Index Diagnosis not MI, PAD, or IS	173 (19.48)	88 (20.28)	0.7686	302 (15.58)	109 (14.48)	0.5115	170 (21.82)	61 (18.65)	0.2569
<b>Procedures, n (%)</b>									
Dialysis	19 (2.14)	5 (1.15)	0.2009	29 (1.50)	14 (1.86)	0.6117	8 (1.03)	8 (2.45)	0.0949



Characteristics	MI (N=1,322)			PAD (N=2,691)			IS (N=1,106)		
	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value
Revascularization	270 (30.41)	153 (35.25)	0.2638	145 (7.48)	81 (10.76)	0.0722	57 (7.32)	39 (11.93)	0.0058
<b>Baseline Medications, n (%)</b>									
Statin	473 (53.27)	252 (58.06)	0.1120	971 (50.10)	466 (61.89)	<.0001	361 (46.34)	184 (56.27)	0.0030
ACEIs/ARBs	441 (49.66)	211 (48.62)	0.7257	916 (47.27)	377 (50.07)	0.1975	358 (45.96)	155 (47.40)	0.6919
Beta-blockers	354 (39.86)	186 (42.86)	0.3114	630 (32.51)	273 (36.25)	0.0689	260 (33.38)	128 (39.14)	0.0727
Anti-platelets	131 (14.75)	61 (14.06)	0.8032	185 (9.55)	95 (12.62)	0.0204	90 (11.55)	50 (15.29)	0.0926
Fibrates	44 (4.95)	17 (3.92)	0.4854	110 (5.68)	21 (2.79)	0.0013	36 (4.62)	13 (3.98)	0.7493
Ezetimibe	33 (3.72)	19 (4.38)	0.5502	57 (2.94)	40 (5.31)	0.0054	16 (2.05)	15 (4.59)	0.0270
PCSK9i (alirocumab, evolocumab)	3 (0.34)	2 (0.46)	0.6656	4 (0.21)	4 (0.53)	0.2309	2 (0.26)	2 (0.61)	0.5861
None of the above treatments	224 (25.23)	104 (23.96)	0.6356	496 (25.59)	152 (20.19)	0.0031	210 (26.96)	73 (22.32)	0.1132
<b>Lab values, mean (SD)<sup>†</sup></b>									
LDL-C (mg/dL)	97.25 (37.60)	106.21 (41.84)	0.0064	99.49 (38.38)	106.28 (40.70)	0.0016	102.08 (38.83)	111.28 (43.30)	0.0257
HDL-C (mg/dL)	50.61 (16.30)	53.06 (15.43)	0.0848	54.97 (18.28)	58.79 (18.89)	0.0002	55.53 (18.80)	57.31 (19.98)	0.3384
Total Cholesterol (mg/dL)	177.24 (45.87)	187.90 (50.46)	0.0105	180.42 (46.01)	190.7 (46.74)	<.0001	184.34 (46.17)	195.99 (51.48)	0.0115
Triglycerides (mg/dL)	147.94 (108.92)	146.47 (109.21)	0.8803	134.80 (83.52)	132.90 (127.84)	0.7741	137.44 (93.19)	143.85 (85.62)	0.4752
Hs-CRP(mg/L)	8.84 (24.35)	4.49 (4.87)	0.0852	5.53 (17.80)	4.18 (5.87)	0.2305	7.36 (25.01)	5.51 (6.95)	0.5091
<b>Baseline cardiovascular comorbidities, n (%)<sup>‡</sup></b>									
Atrial fibrillation	130 (14.64)	69 (15.90)	0.5668	267 (13.78)	88 (11.69)	0.1453	101 (12.97)	57 (17.43)	0.0596
Cardiac Amyloidosis	2 (0.23)	1 (0.23)	1.0000	3 (0.15)	2 (0.27)	0.6234	4 (0.51)	0.00 (0.00)	0.3256

Characteristics	MI (N=1,322)			PAD (N=2,691)			IS (N=1,106)		
	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value	Lp(a) <65 nmol/L	Lp(a) ≥150 nmol/L	p-value
Hypertension	712 (80.18)	348 (80.18)	1.0000	1590 (82.04)	629 (83.53)	0.3970	648 (83.18)	272 (83.18)	1.0000
Chronic Kidney disease (Stage III)	105 (11.82)	64 (14.75)	0.1369	319 (16.46)	153 (20.32)	0.0206	98 (12.58)	55 (16.82)	0.0697
Chronic Kidney Disease (Stage IV-V)	39 (4.39)	9 (2.07)	0.0408	81 (4.18)	30 (3.98)	0.9141	27 (3.47)	11 (3.36)	1.0000
Heart failure	167 (18.81)	94 (21.66)	0.2392	343 (17.70)	144 (19.12)	0.3441	117 (15.02)	69 (21.10)	0.0109
Aortic Valve Stenosis	85 (9.57)	37 (8.53)	0.6130	215 (11.09)	94 (12.48)	0.3128	87 (11.17)	42 (12.84)	0.4724

ASCVD: Atherosclerotic Cardiovascular Disease, ACEIs: Angiotensin-converting enzyme inhibitor, ARBs: Angiotensin II receptor blockers, HDL-C: High-density lipoprotein cholesterol, hs-CRP: High-sensitivity C-reactive Protein, LDL-C: Low-density lipoprotein cholesterol, MI: Myocardial Infarction, PAD: Peripheral artery disease, IS: Ischemic stroke, TIA: Transient ischemic attack, SD: standard deviation

† This endpoint was identified in the baseline period (12 months prior to the index date, including the index date).

‡ This endpoint was identified any time prior to the index date, not including index date.

**Table 2: ASCVD ICD code list**

<b>Disease</b>	<b>Code Type</b>	<b>Code</b>	<b>Description</b>
<b>Myocardial Infarction</b>	ICD-9-CM	410	Acute myocardial infarction
	ICD-9-CM	410.0	Acute myocardial infarction of anterolateral wall
	ICD-9-CM	410.00	Acute myocardial infarction of anterolateral wall, episode of care unspecified
	ICD-9-CM	410.01	Acute myocardial infarction of anterolateral wall, initial episode of care
	ICD-9-CM	410.02	Acute myocardial infarction of anterolateral wall, subsequent episode of care
	ICD-9-CM	410.1	Acute myocardial infarction of other anterior wall
	ICD-9-CM	410.10	Acute myocardial infarction of other anterior wall, episode of care unspecified
	ICD-9-CM	410.11	Acute myocardial infarction of other anterior wall, initial episode of care
	ICD-9-CM	410.12	Acute myocardial infarction of other anterior wall, subsequent episode of care
	ICD-9-CM	410.2	Acute myocardial infarction of inferolateral wall
	ICD-9-CM	410.20	Acute myocardial infarction of inferolateral wall, episode of care unspecified
	ICD-9-CM	410.21	Acute myocardial infarction of inferolateral wall, initial episode of care
	ICD-9-CM	410.22	Acute myocardial infarction of inferolateral wall, subsequent episode of care
	ICD-9-CM	410.3	Acute myocardial infarction of inferoposterior wall
	ICD-9-CM	410.30	Acute myocardial infarction of inferoposterior wall, episode of care unspecified
	ICD-9-CM	410.31	Acute myocardial infarction of inferoposterior wall, initial episode of care
	ICD-9-CM	410.32	Acute myocardial infarction of inferoposterior wall, subsequent episode of care
	ICD-9-CM	410.4	Acute myocardial infarction of other inferior wall
	ICD-9-CM	410.40	Acute myocardial infarction of other inferior wall, episode of care unspecified
	ICD-9-CM	410.41	Acute myocardial infarction of other inferior wall, initial episode of care
	ICD-9-CM	410.42	Acute myocardial infarction of other inferior wall, subsequent episode of care
	ICD-9-CM	410.5	Acute myocardial infarction of other lateral wall
	ICD-9-CM	410.50	Acute myocardial infarction of other lateral wall, episode of care unspecified
	ICD-9-CM	410.51	Acute myocardial infarction of other lateral wall, initial episode of care
	ICD-9-CM	410.52	Acute myocardial infarction of other lateral wall, subsequent episode of care
	ICD-9-CM	410.6	Acute myocardial infarction, true posterior wall infarction
	ICD-9-CM	410.60	Acute myocardial infarction, true posterior wall infarction, episode of care unspecified
	ICD-9-CM	410.61	Acute myocardial infarction, true posterior wall infarction, initial episode of care

ICD-9-CM	410.62	Acute myocardial infarction, true posterior wall infarction, subsequent episode of care
ICD-9-CM	410.7	Acute myocardial infarction, subendocardial infarction
ICD-9-CM	410.70	Acute myocardial infarction, subendocardial infarction, episode of care unspecified
ICD-9-CM	410.71	Acute myocardial infarction, subendocardial infarction, initial episode of care
ICD-9-CM	410.72	Acute myocardial infarction, subendocardial infarction, subsequent episode of care
ICD-9-CM	410.8	Acute myocardial infarction of other specified sites
ICD-9-CM	410.80	Acute myocardial infarction of other specified sites, episode of care unspecified
ICD-9-CM	410.81	Acute myocardial infarction of other specified sites, initial episode of care
ICD-9-CM	410.82	Acute myocardial infarction of other specified sites, subsequent episode of care
ICD-9-CM	410.9	Acute myocardial infarction, unspecified site
ICD-9-CM	410.90	Acute myocardial infarction, unspecified site, episode of care unspecified
ICD-9-CM	410.91	Acute myocardial infarction, unspecified site, initial episode of care
ICD-9-CM	410.92	Acute myocardial infarction, unspecified site, subsequent episode of care
ICD-9-CM	412	Old myocardial infarction
ICD-9-CM	429.79	Other sequelae of myocardial infarction, not elsewhere classified
ICD-10-CM	I21	ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction
ICD-10-CM	I21.0	ST elevation (STEMI) myocardial infarction of anterior wall
ICD-10-CM	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
ICD-10-CM	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
ICD-10-CM	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
ICD-10-CM	I21.1	ST elevation (STEMI) myocardial infarction of inferior wall
ICD-10-CM	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
ICD-10-CM	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
ICD-10-CM	I21.2	ST elevation (STEMI) myocardial infarction of other sites
ICD-10-CM	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
ICD-10-CM	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
ICD-10-CM	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
ICD-10-CM	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
ICD-10-CM	I21.9	Acute myocardial infarction, unspecified
ICD-10-CM	I21.A	Other type of myocardial infarction
ICD-10-CM	I21.A1	Myocardial infarction type 2
ICD-10-CM	I21.A9	Other myocardial infarction type
ICD-10-CM	I22	Subsequent STEMI & NSTEMI myocardial infarction

	ICD-10-CM	I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
	ICD-10-CM	I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
	ICD-10-CM	I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
	ICD-10-CM	I22.8	Subsequent STEMI of sites
	ICD-10-CM	I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
	ICD-10-CM	I23.0	Hemopericardium as current complication following acute myocardial infarction
	ICD-10-CM	I23.1	Atrial septal defect as current complication following acute myocardial infarction
	ICD-10-CM	I23.2	Ventricular septal defect as current complication following acute myocardial infarction
	ICD-10-CM	I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
	ICD-10-CM	I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction
	ICD-10-CM	I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction
	ICD-10-CM	I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
	ICD-10-CM	I23.7	Postinfarction angina
	ICD-10-CM	I23.8	Other current complications following acute myocardial infarction
	ICD-10-CM	I25.2	Old myocardial infarction
<b>Ischemic Stroke</b>	ICD-9-CM	433.01	Occlusion and stenosis of basilar artery with cerebral infarction
	ICD-9-CM	433.11	Occlusion and stenosis of carotid artery with cerebral infarction
	ICD-9-CM	433.21	Occlusion and stenosis of vertebral artery with cerebral infarction
	ICD-9-CM	433.31	Occlusion and stenosis of multiple and bilateral precerebral arteries with cerebral infarction
	ICD-9-CM	433.81	Occlusion and stenosis of other specified precerebral artery with cerebral infarction
	ICD-9-CM	433.91	Occlusion and stenosis of unspecified precerebral artery with cerebral infarction
	ICD-9-CM	434.01	Cerebral thrombosis with cerebral infarction
	ICD-9-CM	434.11	Cerebral embolism with cerebral infarction
	ICD-9-CM	434.91	Unspecified cerebral artery occlusion with cerebral infarction
	ICD-10-CM	I63	Cerebral infarction
	ICD-10-CM	I63.0	Cerebral infarction due to thrombosis of precerebral arteries
	ICD-10-CM	I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery
	ICD-10-CM	I63.01	Cerebral infarction due to thrombosis of vertebral artery
	ICD-10-CM	I63.011	Cerebral infarction due to thrombosis of right vertebral artery
	ICD-10-CM	I63.012	Cerebral infarction due to thrombosis of left vertebral artery
	ICD-10-CM	I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries
	ICD-10-CM	I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery
ICD-10-CM	I63.02	Cerebral infarction due to thrombosis of basilar artery	

ICD-10-CM	I63.03	Cerebral infarction due to thrombosis of carotid artery
ICD-10-CM	I63.031	Cerebral infarction due to thrombosis of right carotid artery
ICD-10-CM	I63.032	Cerebral infarction due to thrombosis of left carotid artery
ICD-10-CM	I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries
ICD-10-CM	I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery
ICD-10-CM	I63.09	Cerebral infarction due to thrombosis of precerebral artery
ICD-10-CM	I63.1	Cerebral infarction due to embolism of precerebral arteries
ICD-10-CM	I63.10	Cerebral infarction due to embolism of unspecified precerebral artery
ICD-10-CM	I63.11	Cerebral infarction due to embolism of vertebral artery
ICD-10-CM	I63.111	Cerebral infarction due to embolism of right vertebral artery
ICD-10-CM	I63.112	Cerebral infarction due to embolism of left vertebral artery
ICD-10-CM	I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries
ICD-10-CM	I63.119	Cerebral infarction due to embolism of unspecified vertebral artery
ICD-10-CM	I63.12	Cerebral infarction due to embolism of basilar artery
ICD-10-CM	I63.13	Cerebral infarction due to embolism of carotid artery
ICD-10-CM	I63.131	Cerebral infarction due to embolism of right carotid artery
ICD-10-CM	I63.132	Cerebral infarction due to embolism of left carotid artery
ICD-10-CM	I63.133	Cerebral infarction due to embolism of bilateral carotid arteries
ICD-10-CM	I63.139	Cerebral infarction due to embolism of unspecified carotid artery
ICD-10-CM	I63.19	Cerebral infarction due to embolism of precerebral artery
ICD-10-CM	I63.2	Cerebral infrc due to unsp occls or stenosis of precerb art
ICD-10-CM	I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries
ICD-10-CM	I63.21	Cerebral infrc due to unsp occls or stenosis of verteb art
ICD-10-CM	I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery
ICD-10-CM	I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery
ICD-10-CM	I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries
ICD-10-CM	I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries
ICD-10-CM	I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery
ICD-10-CM	I63.23	Cerebral infrc due to unsp occls or stenosis of carotid art
ICD-10-CM	I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries
ICD-10-CM	I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries
ICD-10-CM	I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries
ICD-10-CM	I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries
ICD-10-CM	I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries
ICD-10-CM	I63.3	Cerebral infarction due to thrombosis of cerebral arteries

ICD-10-CM	I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery
ICD-10-CM	I63.31	Cerebral infrc due to thrombosis of middle cerebral artery
ICD-10-CM	I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery
ICD-10-CM	I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery
ICD-10-CM	I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries
ICD-10-CM	I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery
ICD-10-CM	I63.32	Cerebral infrc due to thrombosis of anterior cerebral artery
ICD-10-CM	I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery
ICD-10-CM	I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery
ICD-10-CM	I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries
ICD-10-CM	I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery
ICD-10-CM	I63.33	Cerebral infrc due to thombos of posterior cerebral artery
ICD-10-CM	I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery
ICD-10-CM	I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery
ICD-10-CM	I63.333	Cerebral infarction to thrombosis of bilateral posterior cerebral arteries
ICD-10-CM	I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery
ICD-10-CM	I63.34	Cerebral infarction due to thrombosis of cerebellar artery
ICD-10-CM	I63.341	Cerebral infarction due to thrombosis of right cerebellar artery
ICD-10-CM	I63.342	Cerebral infarction due to thrombosis of left cerebellar artery
ICD-10-CM	I63.343	Cerebral infarction to thrombosis of bilateral cerebellar arteries
ICD-10-CM	I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery
ICD-10-CM	I63.39	Cerebral infarction due to thrombosis of other cerebral artery
ICD-10-CM	I63.4	Cerebral infarction due to embolism of cerebral arteries
ICD-10-CM	I63.40	Cerebral infarction due to embolism of unspecified cerebral artery
ICD-10-CM	I63.41	Cerebral infrc due to embolism of middle cerebral artery
ICD-10-CM	I63.411	Cerebral infarction due to embolism of right middle cerebral artery
ICD-10-CM	I63.412	Cerebral infarction due to embolism of left middle cerebral artery
ICD-10-CM	I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries
ICD-10-CM	I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery
ICD-10-CM	I63.42	Cerebral infrc due to embolism of anterior cerebral artery
ICD-10-CM	I63.421	Cerebral infarction due to embolism of right anterior cerebral artery

ICD-10-CM	I63.422	Cerebral infarction due to embolism of left anterior cerebral artery
ICD-10-CM	I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries
ICD-10-CM	I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery
ICD-10-CM	I63.43	Cerebral infrc due to embolism of posterior cerebral artery
ICD-10-CM	I63.431	Cerebral infarction due to embolism of right posterior cerebral artery
ICD-10-CM	I63.432	Cerebral infarction due to embolism of left posterior cerebral artery
ICD-10-CM	I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries
ICD-10-CM	I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery
ICD-10-CM	I63.44	Cerebral infarction due to embolism of cerebellar artery
ICD-10-CM	I63.441	Cerebral infarction due to embolism of right cerebellar artery
ICD-10-CM	I63.442	Cerebral infarction due to embolism of left cerebellar artery
ICD-10-CM	I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries
ICD-10-CM	I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery
ICD-10-CM	I63.49	Cerebral infarction due to embolism of other cerebral artery
ICD-10-CM	I63.5	Cerebral infrc due to unsp occls or stenosis of cerebral art
ICD-10-CM	I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery
ICD-10-CM	I63.51	Cereb infrc due to unsp occls or stenosis of middle cereb art
ICD-10-CM	I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
ICD-10-CM	I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery
ICD-10-CM	I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries
ICD-10-CM	I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery
ICD-10-CM	I63.52	Cereb infrc due to unsp occls or stenosis of ant cereb artery
ICD-10-CM	I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery
ICD-10-CM	I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery
ICD-10-CM	I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries
ICD-10-CM	I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery
ICD-10-CM	I63.53	Cereb infrc due to unsp occls or stenosis of post cereb artery
ICD-10-CM	I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery
ICD-10-CM	I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery
ICD-10-CM	I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries



	ICD-10-CM	I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery
	ICD-10-CM	I63.54	Cerebr infrc due to unsp occls or stenosis of cereblr artery
	ICD-10-CM	I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery
	ICD-10-CM	I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery
	ICD-10-CM	I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries
	ICD-10-CM	I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery
	ICD-10-CM	I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery
	ICD-10-CM	I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic
	ICD-10-CM	I63.8	Other cerebral infarction
	ICD-10-CM	I63.81	Other cereb infrc due to occls or stenosis of small artery
	ICD-10-CM	I63.89	Other cerebral infarction
	ICD-10-CM	I63.9	Cerebral infarction, unspecified
<b>Peripheral Artery Disease</b>	ICD-9-CM	440	Atherosclerosis of aorta
	ICD-9-CM	440.2	Atherosclerosis of native arteries of the extremities
	ICD-9-CM	440.2	Atherosclerosis of native arteries of the extremities, unspecified
	ICD-9-CM	440.21	Atherosclerosis of native arteries of the extremities with intermittent claudication
	ICD-9-CM	440.22	Atherosclerosis of native arteries of the extremities with rest pain
	ICD-9-CM	440.23	Atherosclerosis of native arteries of the extremities with ulceration
	ICD-9-CM	440.24	Atherosclerosis of native arteries of the extremities with gangrene
	ICD-9-CM	440.29	Atherosclerosis of native arteries of the extremities, others
	ICD-9-CM	440.3	Atherosclerosis of bypass graft of the extremities
	ICD-9-CM	440.3	Atherosclerosis of unspecified bypass graft of the extremities
	ICD-9-CM	440.31	Atherosclerosis of autologous vein bypass graft of the extremities
	ICD-9-CM	440.32	Atherosclerosis of nonautologous biological bypass graft of the extremities
	ICD-9-CM	440.4	Chronic total occlusion of artery of the extremities
	ICD-9-CM	440.8	Of other specified arteries
	ICD-9-CM	440.9	Generalized and unspecified atherosclerosis
	ICD-9-CM	445	Atheroembolism of extremities
	ICD-10-CM	I70.0	Atherosclerosis of aorta
	ICD-10-CM	I70.1	Atherosclerosis of renal artery
	ICD-10-CM	I70.201	Unspecified atherosclerosis of native arteries of extremities, right leg
	ICD-10-CM	I70.202	Unspecified atherosclerosis of native arteries of extremities, left leg
	ICD-10-CM	I70.203	Unspecified atherosclerosis of native arteries of extremities, bilateral legs
	ICD-10-CM	I70.208	Unspecified atherosclerosis of native arteries of extremities, other extremity

ICD-10-CM	I70.209	Unspecified atherosclerosis of native arteries of extremities, unspecified extremity
ICD-10-CM	I70.21	Atherosclerosis of native arteries of extremities with intermittent claudication
ICD-10-CM	I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg
ICD-10-CM	I70.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg
ICD-10-CM	I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs
ICD-10-CM	I70.218	Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity
ICD-10-CM	I70.219	Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity
ICD-10-CM	I70.221	Atherosclerosis of native arteries of extremities with rest pain, right leg
ICD-10-CM	I70.222	Atherosclerosis of native arteries of extremities with rest pain, left leg
ICD-10-CM	I70.223	Atherosclerosis of native arteries of extremities with rest pain, bilateral legs
ICD-10-CM	I70.228	Atherosclerosis of native arteries of extremities with rest pain, other extremity
ICD-10-CM	I70.229	Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity
ICD-10-CM	I70.231	Atherosclerosis of native arteries of right leg with ulceration of thigh
ICD-10-CM	I70.232	Atherosclerosis of native arteries of right leg with ulceration of calf
ICD-10-CM	I70.233	Atherosclerosis of native arteries of right leg with ulceration of ankle
ICD-10-CM	I70.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot
ICD-10-CM	I70.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot
ICD-10-CM	I70.238	Atherosclerosis of native arteries of right leg with ulceration of other part of lower right leg
ICD-10-CM	I70.239	Atherosclerosis of native arteries of right leg with ulceration of unspecified site
ICD-10-CM	I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh
ICD-10-CM	I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf
ICD-10-CM	I70.243	Atherosclerosis of native arteries of left leg with ulceration of ankle
ICD-10-CM	I70.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot
ICD-10-CM	I70.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot
ICD-10-CM	I70.248	Atherosclerosis of native arteries of left leg with ulceration of other part of lower left leg
ICD-10-CM	I70.249	Atherosclerosis of native arteries of left leg with ulceration of unspecified site
ICD-10-CM	I70.25	Atherosclerosis of native arteries of other extremities with ulceration

ICD-10-CM	I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg
ICD-10-CM	I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg
ICD-10-CM	I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs
ICD-10-CM	I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity
ICD-10-CM	I70.269	Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity
ICD-10-CM	I70.291	Other atherosclerosis of native arteries of extremities, right leg
ICD-10-CM	I70.292	Other atherosclerosis of native arteries of extremities, left leg
ICD-10-CM	I70.293	Other atherosclerosis of native arteries of extremities, bilateral legs
ICD-10-CM	I70.298	Other atherosclerosis of native arteries of extremities, other extremity
ICD-10-CM	I70.299	Other atherosclerosis of native arteries of extremities, unspecified extremity
ICD-10-CM	I70.301	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.302	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.303	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.308	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.309	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.31	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication
ICD-10-CM	I70.311	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, right leg
ICD-10-CM	I70.312	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, left leg
ICD-10-CM	I70.313	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs
ICD-10-CM	I70.318	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, other extremity
ICD-10-CM	I70.319	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
ICD-10-CM	I70.321	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, right leg
ICD-10-CM	I70.322	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, left leg
ICD-10-CM	I70.323	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, bilateral legs
ICD-10-CM	I70.328	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, other extremity
ICD-10-CM	I70.329	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, unspecified extremity
ICD-10-CM	I70.331	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of thigh
ICD-10-CM	I70.332	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of calf

ICD-10-CM	I70.333	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of ankle
ICD-10-CM	I70.334	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of heel and midfoot
ICD-10-CM	I70.335	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of foot
ICD-10-CM	I70.338	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of lower leg
ICD-10-CM	I70.339	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of unspecified site
ICD-10-CM	I70.341	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of thigh
ICD-10-CM	I70.342	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of calf
ICD-10-CM	I70.343	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of ankle
ICD-10-CM	I70.344	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of heel and midfoot
ICD-10-CM	I70.345	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of foot
ICD-10-CM	I70.348	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of lower leg
ICD-10-CM	I70.349	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of unspecified site
ICD-10-CM	I70.35	Atherosclerosis, unspecified type of bypass graft of other extremity, with ulceration
ICD-10-CM	I70.361	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, right leg
ICD-10-CM	I70.362	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, left leg
ICD-10-CM	I70.363	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, bilateral legs
ICD-10-CM	I70.368	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, other extremity
ICD-10-CM	I70.369	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, unspecified extremity
ICD-10-CM	I70.391	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.392	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.393	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.398	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.399	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.401	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.402	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.403	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.408	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity

ICD-10-CM	I70.409	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.41	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication
ICD-10-CM	I70.411	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, right leg
ICD-10-CM	I70.412	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, left leg
ICD-10-CM	I70.413	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, bilateral legs
ICD-10-CM	I70.418	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, other extremity
ICD-10-CM	I70.419	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
ICD-10-CM	I70.421	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, right leg
ICD-10-CM	I70.422	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, left leg
ICD-10-CM	I70.423	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, bilateral legs
ICD-10-CM	I70.428	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, other extremity
ICD-10-CM	I70.429	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, unspecified extremity
ICD-10-CM	I70.431	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of thigh
ICD-10-CM	I70.432	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of calf
ICD-10-CM	I70.433	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of ankle
ICD-10-CM	I70.434	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of heel and midfoot
ICD-10-CM	I70.435	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of foot
ICD-10-CM	I70.438	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of lower leg
ICD-10-CM	I70.439	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of unspecified site
ICD-10-CM	I70.441	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of thigh
ICD-10-CM	I70.442	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of calf
ICD-10-CM	I70.443	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of ankle
ICD-10-CM	I70.444	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of heel and midfoot
ICD-10-CM	I70.445	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of foot
ICD-10-CM	I70.448	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of lower leg
ICD-10-CM	I70.449	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of unspecified site
ICD-10-CM	I70.45	Atherosclerosis of autologous vein bypass graft(s) of other extremity with ulceration

ICD-10-CM	I70.461	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, right leg
ICD-10-CM	I70.462	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, left leg
ICD-10-CM	I70.463	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, bilateral legs
ICD-10-CM	I70.468	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, other extremity
ICD-10-CM	I70.469	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, unspecified extremity
ICD-10-CM	I70.491	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.492	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.493	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.498	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.499	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.501	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.502	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.503	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.508	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.509	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.51	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities intermittent claudication
ICD-10-CM	I70.511	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, right leg
ICD-10-CM	I70.512	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, left leg
ICD-10-CM	I70.513	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, bilateral legs
ICD-10-CM	I70.518	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, other extremity
ICD-10-CM	I70.519	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
ICD-10-CM	I70.521	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, right leg
ICD-10-CM	I70.522	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, left leg
ICD-10-CM	I70.523	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, bilateral legs
ICD-10-CM	I70.528	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, other extremity
ICD-10-CM	I70.529	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, unspecified extremity
ICD-10-CM	I70.531	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of thigh

ICD-10-CM	I70.532	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of calf
ICD-10-CM	I70.533	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of ankle
ICD-10-CM	I70.534	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of heel and midfoot
ICD-10-CM	I70.535	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of foot
ICD-10-CM	I70.538	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of lower leg
ICD-10-CM	I70.539	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of unspecified site
ICD-10-CM	I70.541	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of thigh
ICD-10-CM	I70.542	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of calf
ICD-10-CM	I70.543	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of ankle
ICD-10-CM	I70.544	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of heel and midfoot
ICD-10-CM	I70.545	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of foot
ICD-10-CM	I70.548	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of lower leg
ICD-10-CM	I70.549	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of unspecified site
ICD-10-CM	I70.55	Atherosclerosis of nonautologous biological bypass graft(s) of other extremity with ulceration
ICD-10-CM	I70.561	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, right leg
ICD-10-CM	I70.562	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, left leg
ICD-10-CM	I70.563	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, bilateral legs
ICD-10-CM	I70.568	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, other extremity
ICD-10-CM	I70.569	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, unspecified extremity
ICD-10-CM	I70.591	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.592	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.593	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.598	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.599	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.601	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.602	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.603	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs

ICD-10-CM	I70.608	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.609	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.61	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication
ICD-10-CM	I70.611	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, right leg
ICD-10-CM	I70.612	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, left leg
ICD-10-CM	I70.613	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, bilateral legs
ICD-10-CM	I70.618	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, other extremity
ICD-10-CM	I70.619	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
ICD-10-CM	I70.621	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, right leg
ICD-10-CM	I70.622	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, left leg
ICD-10-CM	I70.623	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, bilateral legs
ICD-10-CM	I70.628	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, other extremity
ICD-10-CM	I70.629	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, unspecified extremity
ICD-10-CM	I70.631	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of thigh
ICD-10-CM	I70.632	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of calf
ICD-10-CM	I70.633	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of ankle
ICD-10-CM	I70.634	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of heel and midfoot
ICD-10-CM	I70.635	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of foot
ICD-10-CM	I70.638	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of lower leg
ICD-10-CM	I70.639	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of unspecified site
ICD-10-CM	I70.641	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of thigh
ICD-10-CM	I70.642	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of calf
ICD-10-CM	I70.643	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of ankle
ICD-10-CM	I70.644	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of heel and midfoot
ICD-10-CM	I70.645	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of foot
ICD-10-CM	I70.648	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of lower leg
ICD-10-CM	I70.649	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of unspecified site



ICD-10-CM	I70.65	Atherosclerosis of nonbiological bypass graft(s) of other extremity with ulceration
ICD-10-CM	I70.661	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, right leg
ICD-10-CM	I70.662	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, left leg
ICD-10-CM	I70.663	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, bilateral legs
ICD-10-CM	I70.668	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, other extremity
ICD-10-CM	I70.669	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, unspecified extremity
ICD-10-CM	I70.691	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.692	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.693	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.698	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.699	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.701	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.702	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.703	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.708	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.709	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.71	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication
ICD-10-CM	I70.711	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, right leg
ICD-10-CM	I70.712	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, left leg
ICD-10-CM	I70.713	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs
ICD-10-CM	I70.718	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, other extremity
ICD-10-CM	I70.719	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
ICD-10-CM	I70.721	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, right leg
ICD-10-CM	I70.722	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, left leg
ICD-10-CM	I70.723	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, bilateral legs
ICD-10-CM	I70.728	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, other extremity
ICD-10-CM	I70.729	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, unspecified extremity

ICD-10-CM	I70.731	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of thigh
ICD-10-CM	I70.732	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of calf
ICD-10-CM	I70.733	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of ankle
ICD-10-CM	I70.734	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of heel and midfoot
ICD-10-CM	I70.735	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of foot
ICD-10-CM	I70.738	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of lower leg
ICD-10-CM	I70.739	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of unspecified site
ICD-10-CM	I70.741	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of thigh
ICD-10-CM	I70.742	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of calf
ICD-10-CM	I70.743	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of ankle
ICD-10-CM	I70.744	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of heel and midfoot
ICD-10-CM	I70.745	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of foot
ICD-10-CM	I70.748	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of lower leg
ICD-10-CM	I70.749	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of unspecified site
ICD-10-CM	I70.75	Atherosclerosis of other type of bypass graft(s) of other extremity with ulceration
ICD-10-CM	I70.761	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, right leg
ICD-10-CM	I70.762	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, left leg
ICD-10-CM	I70.763	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, bilateral legs
ICD-10-CM	I70.768	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, other extremity
ICD-10-CM	I70.769	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, unspecified extremity
ICD-10-CM	I70.791	Other atherosclerosis of other type of bypass graft(s) of the extremities, right leg
ICD-10-CM	I70.792	Other atherosclerosis of other type of bypass graft(s) of the extremities, left leg
ICD-10-CM	I70.793	Other atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs
ICD-10-CM	I70.798	Other atherosclerosis of other type of bypass graft(s) of the extremities, other extremity
ICD-10-CM	I70.799	Other atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity
ICD-10-CM	I70.8	Atherosclerosis of other arteries
ICD-10-CM	I70.90	Unspecified atherosclerosis
ICD-10-CM	I70.91	Generalized atherosclerosis

	ICD-10-CM	I70.92	Chronic total occlusion of artery of extremities
<b>Unstable Angina</b>	ICD-9-CM	411.1	Intermediate coronary syndrome: Impending infarction, Preinfarction angina, Preinfarction syndrome, Unstable angina
	ICD-10-CM	I20.0	Unstable angina
	ICD-10-CM	I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
	ICD-10-CM	I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
	ICD-10-CM	I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
	ICD-10-CM	I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
	ICD-10-CM	I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
	ICD-10-CM	I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
	ICD-10-CM	I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
	ICD-10-CM	I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
<b>Stable Angina</b>	ICD-9-CM	413	Angina pectoris
	ICD-9-CM	413.0	Angina decubitus
	ICD-9-CM	413.9	Other and unspecified angina pectoris
	ICD-10-CM	I20	Angina pectoris
	ICD-10-CM	I20.8	Other forms of angina pectoris
	ICD-10-CM	I20.9	Angina pectoris, unspecified
	ICD-10-CM	I25.11	Atherosclerotic heart disease of native coronary artery with angina pectoris
	ICD-10-CM	I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
	ICD-10-CM	I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
	ICD-10-CM	I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
	ICD-10-CM	I25.7	Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris
	ICD-10-CM	I25.70	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris
	ICD-10-CM	I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm
	ICD-10-CM	I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
	ICD-10-CM	I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
	ICD-10-CM	I25.71	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris
	ICD-10-CM	I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
	ICD-10-CM	I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
	ICD-10-CM	I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
	ICD-10-CM	I25.72	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris

	ICD-10-CM	I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
	ICD-10-CM	I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
	ICD-10-CM	I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
	ICD-10-CM	I25.73	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris
	ICD-10-CM	I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
	ICD-10-CM	I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
	ICD-10-CM	I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
	ICD-10-CM	I25.75	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris
	ICD-10-CM	I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm
	ICD-10-CM	I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
	ICD-10-CM	I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
	ICD-10-CM	I25.76	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris
	ICD-10-CM	I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
	ICD-10-CM	I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
	ICD-10-CM	I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
	ICD-10-CM	I25.79	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris
	ICD-10-CM	I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
	ICD-10-CM	I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
	ICD-10-CM	I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
<b>Transient ischemic attack</b>	ICD-9-CM	435	Transient cerebral ischemia
	ICD-9-CM	435.0	Basilar artery syndrome
	ICD-9-CM	435.1	Vertebral artery syndrome
	ICD-9-CM	435.2	Subclavian steal syndrome
	ICD-9-CM	435.3	Vertebrobasilar artery syndrome
	ICD-9-CM	435.8	Other specified transient cerebral ischemias
	ICD-9-CM	435.9	Unspecified transient cerebral ischemia; Impending cerebrovascular accident; Intermittent cerebral ischemia; Transient ischemic attack [TIA]
	ICD-10-CM	G450	Vertebro-basilar artery syndrome
	ICD-10-CM	G451	Carotid artery syndrome (hemispheric)
	ICD-10-CM	G452	Multiple and bilateral precerebral artery syndromes
	ICD-10-CM	G453	Amaurosis fugax
	ICD-10-CM	G458	Other transient cerebral ischemic attacks and related syndromes
	ICD-10-CM	G459	Transient cerebral ischemic attack, unspecified
	ICD-10-CM	G46.0	Middle cerebral artery syndrome

	ICD-10-CM	G46.1	Anterior cerebral artery syndrome
	ICD-10-CM	G46.2	Posterior cerebral artery syndrome
	ICD-10-CM	I67.848	Other cerebrovascular vasospasm and vasoconstriction
Coronary Revascularization procedures	CPT/HCPCS	0075T	Perq stent/chest vert art
	CPT/HCPCS	0076T	S&I stent/chest vert art
	CPT/HCPCS	1921	Angioplasty
	CPT/HCPCS	33621	Transthor cath for stent
	CPT/HCPCS	36906	Perq thrmbc/nfs dial circuit teat plmt iv stent
	CPT/HCPCS	37205	Transcath iv stent, percut
	CPT/HCPCS	37206	Transcath iv stent/perc addl
	CPT/HCPCS	37207	Transcath iv stent, open
	CPT/HCPCS	37208	Transcath iv stent/open addl
	CPT/HCPCS	37215	Transcath stent, cca w/eps
	CPT/HCPCS	37216	Transcath stent, cca w/o eps
	CPT/HCPCS	37217	Stent placemt retro carotid
	CPT/HCPCS	37218	Stent placemt ante carotid
	CPT/HCPCS	37221	Iliac revasc w/stent
	CPT/HCPCS	37223	Iliac revasc w/stent add-on
	CPT/HCPCS	37226	Fem/popl revasc w/stent
	CPT/HCPCS	37230	Tib/per revasc w/stent
	CPT/HCPCS	37231	Tib/per revasc stent & ather
	CPT/HCPCS	37234	Revasc opn/prq tib/pero stent
	CPT/HCPCS	37236	Open/perq place stent 1st
	CPT/HCPCS	37237	Open/perq place stent ea add
	CPT/HCPCS	37238	Open/perq place stent same
	CPT/HCPCS	37239	Open/perq place stent ea add
	CPT/HCPCS	4561F	Pt w/ coronary artery stent
	CPT/HCPCS	4562F	Pt w/o coronary artery stent
	CPT/HCPCS	61630	Intracranial angioplasty
	CPT/HCPCS	61635	Intracran angioplsty w/stent
	CPT/HCPCS	75960	Transcath iv stent rs&i
	CPT/HCPCS	75963	Perc transluminal angioplasty, peripheral artery; complete
	CPT/HCPCS	75979	Angioplasty; completeprocedure
	CPT/HCPCS	C1040	Wallstent, tips
	CPT/HCPCS	C1060	Acs multi-link tristar stent
	CPT/HCPCS	C1112	Aneurx stent graft/del cath
	CPT/HCPCS	C1312	Magic wallstent--mini
	CPT/HCPCS	C1314	Magic wallstent--long
	CPT/HCPCS	C1320	Wallstent: iliac
	CPT/HCPCS	C1375	Stent, coronary, nir
	CPT/HCPCS	C1874	Stent coated/covr w/delivery system
	CPT/HCPCS	C1875	Stent coated/covr w/o deliv system
	CPT/HCPCS	C2617	Stent non-cor temp w/o deliv system
	CPT/HCPCS	C2625	Stent non-cor temp w/deliv system
	CPT/HCPCS	C5001	Memotherm bil stent, sm, med
	CPT/HCPCS	C5002	Memotherm bil stent, large
	CPT/HCPCS	C5003	Memotherm bil stent, x-large
	CPT/HCPCS	C5006	Palmaztrans bil stentsys-med
	CPT/HCPCS	C5011	Intrastent, intrastent lp
	CPT/HCPCS	C5012	Intrastent doublestrut ld
	CPT/HCPCS	C5013	Intrastent doublestrut, xs
	CPT/HCPCS	C5014	Ave bridge stentsys10/17/28
	CPT/HCPCS	C5020	Smart nitinol stent--20mm

CPT/HCPCS	C5021	Smart nitinol stent--40/60mm
CPT/HCPCS	C5022	Smart nitinol stent--80mm
CPT/HCPCS	C5023	BX velocity stent--8/13mm
CPT/HCPCS	C5024	BX velocity stent
CPT/HCPCS	C5025	BX velocity stent--23mm
CPT/HCPCS	C5026	BX velocity stent--28/33mm
CPT/HCPCS	C5030	Stent, coronary, s660 9/12mm
CPT/HCPCS	C5031	Stent, coronary, s660 15/18
CPT/HCPCS	C5032	Stent,coronary, s660 24/30
CPT/HCPCS	C5034	Nirooyal stent sys, 12/15mm
CPT/HCPCS	C5035	Nirooyal stent sys, 18mm
CPT/HCPCS	C5036	Nirooyal stent sys, 25mm
CPT/HCPCS	C5037	Nirooyal stent sys, 31mm
CPT/HCPCS	C5039	Intracoil perip stent--40mm
CPT/HCPCS	C5040	Intracoil periph stent--60mm
CPT/HCPCS	C5041	Bestent over-the-wire24/30mm
CPT/HCPCS	C5042	Bestent over-the-wire 18mm
CPT/HCPCS	C5043	Bestent over-the-wire 15mm
CPT/HCPCS	C5044	Bestent over-the-wire 9/12mm
CPT/HCPCS	C5045	Multilink tetra cor stent sy
CPT/HCPCS	C5046	Radius 20mm cor stent
CPT/HCPCS	C5047	Nirooyal elite cor stent sys
CPT/HCPCS	C5048	Gr ii coronary stent
CPT/HCPCS	C5130	Wilson-cook z-stent
CPT/HCPCS	C5279	Contour/percuflex stent
CPT/HCPCS	C5283	Wallstent/rp tips--80mm
CPT/HCPCS	C8522	Palmaz bal stent
CPT/HCPCS	C8802	Oasis stent intro sys
DRG	034	Carotid artery stent proc w mcc
DRG	035	Carotid artery stent proc w cc
DRG	036	Carotid artery stent proc wo cc/mcc
DRG	116	Oth perm card pacemkr impl,ptca w stent
DRG	250	Perc evase px wo stent w mcc
DRG	251	Perc evase px wo stent wo mcc
DRG	517	Perc cv prc w non-drug elut stent w/o ami
DRG	518	Perc cv proc w/o cor art stent or ami
DRG	526	Perc cv proc w/ drug elut stent w/ami
DRG	527	Perc cv proc w drug elut stent w/o ami
DRG	556	Perc cv pr w non-drug stent wo maj cv dx
DRG	557	Perc cv pr w drug-el stent w maj cv dx
DRG	558	Perc cv pr w drug-el stent w/o maj cv dx
DRG	577	Carotid artery stent procedure
ICD-10-PCS	03CG3Z7	Extir of matter from intracranial art using stent retriever, perq
ICD-10-PCS	03CH3Z7	Extir of matter from rt common carotid art using stent retriever, perq
ICD-10-PCS	03CJ3Z7	Extir of matter from lt common carotid art using stent retriever, perq
ICD-10-PCS	03CK3Z7	Extir of matter from rt internal carotid art stent retriever, perq
ICD-10-PCS	03CL3Z7	Extir of matter from lt internal carotid art stent retriever, perq
ICD-10-PCS	03CM3Z7	Extir of matter from rt external carotid art stent retriever, perq
ICD-10-PCS	03CN3Z7	Extir of matter from lt external carotid art stent retriever, perq
ICD-10-PCS	03CP3Z7	Extir of matter from rt vertebral art using stent retriever, perq
ICD-10-PCS	03CQ3Z7	Extir of matter from lt vertebral art using stent retriever, perq
ICD-9-PCS	0045	Insertion of one vascular stent

ICD-9-PCS	0046	Insertion of two vascular stents
ICD-9-PCS	0047	Insertion of three vascular stents
ICD-9-PCS	0048	Insertion 4 or more vascular stents
ICD-9-PCS	0055	Insert rx-elut stent oth periph ves
ICD-9-PCS	0060	Insert drug-elut stents sup fem art
ICD-9-PCS	0063	Perq insertion carotid art stent(s)
ICD-9-PCS	0065	Perq insrt intracran vasc stent(s)
ICD-9-PCS	0983	Conjunctivorhinostomy w/tube/stent
ICD-9-PCS	360	Removal cor art obst&insrtion stent
ICD-9-PCS	3607	Insertion rx-eluting cor art stent
CPT/HCPCS	33510	Coronary artery bypass grafting with vein only, 1 graft
CPT/HCPCS	33511	Coronary artery bypass grafting with vein only, 2 grafts
CPT/HCPCS	33512	Coronary artery bypass grafting with vein only, 3 grafts
CPT/HCPCS	33513	Coronary artery bypass grafting with vein only, 4 grafts
CPT/HCPCS	33514	Coronary artery bypass grafting with vein only, 5 grafts
CPT/HCPCS	33516	Coronary artery bypass grafting with vein only, 6 or more grafts
CPT/HCPCS	33517	Coronary artery bypass grafting using venous and arterial grafts, 1 vein graft
CPT/HCPCS	33518	Coronary artery bypass grafting using venous and arterial grafts, 2 vein grafts
CPT/HCPCS	33519	Coronary artery bypass grafting using venous and arterial grafts, 3 vein grafts
CPT/HCPCS	33521	Coronary artery bypass grafting using venous and arterial grafts, 4 vein grafts
CPT/HCPCS	33522	Coronary artery bypass grafting using venous and arterial grafts, 5 vein grafts
CPT/HCPCS	33523	Coronary artery bypass grafting using venous and arterial grafts, 6 or more vein grafts
CPT/HCPCS	33533	Coronary artery bypass grafting with artery only, 1 graft
CPT/HCPCS	33534	Coronary artery bypass grafting with artery only, 2 grafts
CPT/HCPCS	33535	Coronary artery bypass grafting with artery only, 3 grafts
CPT/HCPCS	33536	Coronary artery bypass grafting with artery only, 4 or more grafts
DRG	106	CORONARY BYPASS WITH PTCA
DRG	107	CORONARY BYPASS W CARDIAC CATH
DRG	109	CORONARY BYPASS W/O PTCA OR CARDIAC CATH
DRG	231	CORONARY BYPASS W PTCA W MCC
DRG	232	CORONARY BYPASS W PTCA WO MCC
DRG	233	CORONARY BYPASS W CARD CATH W MCC
DRG	234	CORONARY BYPASS W CARD CATH WO MCC
DRG	235	CORONARY BYPASS WO CARD CATH W MCC
DRG	236	CORONARY BYPASS WO CARD CATH WO MCC
DRG	547	CORONARY BYP W CARD CATH W MAJ CV DX
DRG	548	CORONARY BYP W CARD CATH W/O MAJ CV DX
DRG	549	CORONARY BYP W/O CARD CATH W MAJ CV DX
DRG	550	CORONARY BYP W/O CARD CATH W/O MAJ CV DX
ICD-10-PCS	0210083	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	0210088	Bypass Coronary Artery, One Artery from Right Internal Mammary with Zooplastic Tissue, Open Approach
ICD-10-PCS	0210089	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic Tissue, Open Approach
ICD-10-PCS	021008C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue, Open Approach

ICD-10-PCS	021008F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	021008W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Open Approach
ICD-10-PCS	0210093	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	0210098	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Open Approach
ICD-10-PCS	0210099	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021009C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021009F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021009W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Open Approach
ICD-10-PCS	02100A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02100A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02100A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02100AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02100AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02100AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02100J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02100J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute, Open Approach
ICD-10-PCS	02100J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute, Open Approach
ICD-10-PCS	02100JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02100JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02100JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Open Approach
ICD-10-PCS	02100K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02100K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02100K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02100KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02100KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02100KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue Substitute, Open Approach



ICD-10-PCS	02100Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Open Approach
ICD-10-PCS	02100Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Open Approach
ICD-10-PCS	02100Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Open Approach
ICD-10-PCS	02100ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Open Approach
ICD-10-PCS	02100ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Open Approach
ICD-10-PCS	0210483	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0210488	Bypass Coronary Artery, One Artery from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0210489	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021048C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021048F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021048W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0210493	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0210498	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0210499	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021049C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021049F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021049W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02104A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02104A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02104A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02104AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02104AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02104AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach

ICD-10-PCS	02104J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02104Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	02104Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Percutaneous Endoscopic Approach
ICD-10-PCS	02104Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Percutaneous Endoscopic Approach
ICD-10-PCS	02104ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	02104ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	0211083	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	0211088	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach
ICD-10-PCS	0211089	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach
ICD-10-PCS	021108C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	021108F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	021108W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Open Approach

ICD-10-PCS	0211093	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	0211098	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach
ICD-10-PCS	0211099	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021109C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021109F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021109W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Open Approach
ICD-10-PCS	02110A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02110A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02110A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02110AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02110AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02110AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02110J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02110J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach
ICD-10-PCS	02110J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach
ICD-10-PCS	02110JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02110JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02110JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Open Approach
ICD-10-PCS	02110K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02110K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02110K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02110KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02110KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02110KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02110Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Open Approach
ICD-10-PCS	02110Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Open Approach

ICD-10-PCS	02110Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Open Approach
ICD-10-PCS	02110ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Open Approach
ICD-10-PCS	02110ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Open Approach
ICD-10-PCS	0211483	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0211488	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0211489	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021148C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021148F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021148W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0211493	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0211498	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0211499	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021149C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021149F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021149W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02114A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02114A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02114A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02114AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02114AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02114AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach

ICD-10-PCS	02114J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02114Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	02114Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach
ICD-10-PCS	02114Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach
ICD-10-PCS	02114ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	02114ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	0212083	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	0212088	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach
ICD-10-PCS	0212089	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach
ICD-10-PCS	021208C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	021208F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	021208W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Open Approach

ICD-10-PCS	0212093	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	0212098	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach
ICD-10-PCS	0212099	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021209C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021209F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021209W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Open Approach
ICD-10-PCS	02120A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02120A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02120A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02120AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02120AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02120AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02120J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02120J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach
ICD-10-PCS	02120J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach
ICD-10-PCS	02120JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02120JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02120JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Open Approach
ICD-10-PCS	02120K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02120K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02120K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02120KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02120KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02120KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02120Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Open Approach
ICD-10-PCS	02120Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Open Approach

ICD-10-PCS	02120Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Open Approach
ICD-10-PCS	02120ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Open Approach
ICD-10-PCS	02120ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Open Approach
ICD-10-PCS	0212483	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0212488	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0212489	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021248C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021248F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021248W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0212493	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0212498	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0212499	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021249C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021249F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021249W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02124A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02124A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02124A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02124AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02124AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02124AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach

ICD-10-PCS	02124J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02124Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	02124Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach
ICD-10-PCS	02124Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach
ICD-10-PCS	02124ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	02124ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	0213083	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	0213088	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach
ICD-10-PCS	0213089	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach
ICD-10-PCS	021308C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	021308F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach
ICD-10-PCS	021308W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue, Open Approach



ICD-10-PCS	0213093	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	0213098	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach
ICD-10-PCS	0213099	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021309C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021309F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach
ICD-10-PCS	021309W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Open Approach
ICD-10-PCS	02130A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02130A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02130A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02130AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02130AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02130AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Open Approach
ICD-10-PCS	02130J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02130J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach
ICD-10-PCS	02130J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach
ICD-10-PCS	02130JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02130JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Open Approach
ICD-10-PCS	02130JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic Substitute, Open Approach
ICD-10-PCS	02130K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02130K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02130K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02130KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02130KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach
ICD-10-PCS	02130KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach

ICD-10-PCS	02130Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Open Approach
ICD-10-PCS	02130Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary, Open Approach
ICD-10-PCS	02130Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary, Open Approach
ICD-10-PCS	02130ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Open Approach
ICD-10-PCS	02130ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Open Approach
ICD-10-PCS	0213483	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0213488	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0213489	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021348C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021348F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021348W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0213493	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0213498	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	0213499	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021349C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021349F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	021349W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02134A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02134A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02134A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach

ICD-10-PCS	02134AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02134AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02134AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach
ICD-10-PCS	02134J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach
ICD-10-PCS	02134Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	02134Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammery, Percutaneous Endoscopic Approach
ICD-10-PCS	02134Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammery, Percutaneous Endoscopic Approach
ICD-10-PCS	02134ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	02134ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	B212	Coronary Artery Bypass Graft, Single
ICD-10-PCS	B213	Coronary Artery Bypass Graft, Multiple

ICD-9-PCS	3610	Aortocoronary bypass, unspecified
ICD-9-PCS	3611	Aortocoronary bypass of 1 coronary artery
ICD-9-PCS	3612	Aortocoronary bypass of 2 coronary arteries
ICD-9-PCS	3613	Aortocoronary bypass of 3 coronary arteries
ICD-9-PCS	3614	Aortocoronary bypass of 4 or more coronary arteries
ICD-9-PCS	3615	Single internal mammary-coronary artery bypass
ICD-9-PCS	3616	Double internal mammary-coronary artery bypass
ICD-9-PCS	3617	Abdominal-coronary artery bypass
ICD-9-PCS	3619	Other bypass anastomosis for heart revascularization
ICD-9-PCS	41402	Coronary atherosclerosis of autologous vein bypass graft
ICD-9-PCS	41403	Coronary atherosclerosis of nonautologous biological bypass graft
ICD-9-PCS	41404	Coronary atherosclerosis of artery bypass graft
ICD-9-PCS	41405	Coronary atherosclerosis of unspecified type of bypass graft
ICD-9-PCS	99603	Mechanical complication due to coronary bypass graft
ICD-9-PCS	V4581	Aortocoronary bypass status
CPT/HCPCS	33572	OPEN CORONARY ENDARTERECTOMY
ICD-10-PCS	02CP0ZZ	Extirpation of Matter from Pulmonary Trunk
ICD-10-PCS	02CP4ZZ	Extirpation of Matter from Pulmonary Trunk
ICD-10-PCS	02CQ0ZZ	Extirpation of Matter from Right Pulmonary Artery
ICD-10-PCS	02CQ4ZZ	Extirpation of Matter from Right Pulmonary Artery
ICD-10-PCS	02CR0ZZ	Extirpation of Matter from Left Pulmonary Artery
ICD-10-PCS	02CR4ZZ	Extirpation of Matter from Left Pulmonary Artery
ICD-10-PCS	02CS0ZZ	Extirpation of Matter from Right Pulmonary Vein
ICD-10-PCS	02CS4ZZ	Extirpation of Matter from Right Pulmonary Vein
ICD-10-PCS	02CT0ZZ	Extirpation of Matter from Left Pulmonary Vein
ICD-10-PCS	02CT4ZZ	Extirpation of Matter from Left Pulmonary Vein
ICD-10-PCS	02CV0ZZ	Extirpation of Matter from Superior Vena Cava
ICD-10-PCS	02CV4ZZ	Extirpation of Matter from Superior Vena Cava
ICD-10-PCS	02CW0ZZ	Extirpation of Matter from Thoracic Aorta
ICD-10-PCS	02CW4ZZ	Extirpation of Matter from Thoracic Aorta
ICD-10-PCS	02CX0ZZ	Extirpation of Matter from Thoracic Aorta
ICD-10-PCS	02CX4ZZ	Extirpation of Matter from Thoracic Aorta
ICD-10-PCS	03C00ZZ	Extirpation of Matter from Right Internal Mammary Artery
ICD-10-PCS	03C04ZZ	Extirpation of Matter from Right Internal Mammary Artery
ICD-10-PCS	03C10ZZ	Extirpation of Matter from Left Internal Mammary Artery
ICD-10-PCS	03C14ZZ	Extirpation of Matter from Left Internal Mammary Artery
ICD-10-PCS	03C20ZZ	Extirpation of Matter from Innominate Artery
ICD-10-PCS	03C24ZZ	Extirpation of Matter from Innominate Artery
ICD-10-PCS	03C30ZZ	Extirpation of Matter from Right Subclavian Artery
ICD-10-PCS	03C34ZZ	Extirpation of Matter from Right Subclavian Artery
ICD-10-PCS	03C40ZZ	Extirpation of Matter from Left Subclavian Artery
ICD-10-PCS	03C44ZZ	Extirpation of Matter from Left Subclavian Artery
ICD-10-PCS	03C50ZZ	Extirpation of Matter from Right Axillary Artery
ICD-10-PCS	03C53ZZ	Extirpation of Matter from Right Axillary Artery
ICD-10-PCS	03C54ZZ	Extirpation of Matter from Right Axillary Artery
ICD-10-PCS	03C60ZZ	Extirpation of Matter from Left Axillary Artery
ICD-10-PCS	03C63ZZ	Extirpation of Matter from Left Axillary Artery
ICD-10-PCS	03C64ZZ	Extirpation of Matter from Left Axillary Artery
ICD-10-PCS	03C70ZZ	Extirpation of Matter from Right Brachial Artery
ICD-10-PCS	03C73ZZ	Extirpation of Matter from Right Brachial Artery
ICD-10-PCS	03C74ZZ	Extirpation of Matter from Right Brachial Artery
ICD-10-PCS	03C80ZZ	Extirpation of Matter from Left Brachial Artery
ICD-10-PCS	03C83ZZ	Extirpation of Matter from Left Brachial Artery

ICD-10-PCS	03C84ZZ	Extirpation of Matter from Left Brachial Artery
ICD-10-PCS	03C90ZZ	Extirpation of Matter from Right Ulnar Artery
ICD-10-PCS	03C93ZZ	Extirpation of Matter from Right Ulnar Artery
ICD-10-PCS	03C94ZZ	Extirpation of Matter from Right Ulnar Artery
ICD-10-PCS	03CA0ZZ	Extirpation of Matter from Left Ulnar Artery
ICD-10-PCS	03CA3ZZ	Extirpation of Matter from Left Ulnar Artery
ICD-10-PCS	03CA4ZZ	Extirpation of Matter from Left Ulnar Artery
ICD-10-PCS	03CB0ZZ	Extirpation of Matter from Right Radial Artery
ICD-10-PCS	03CB3ZZ	Extirpation of Matter from Right Radial Artery
ICD-10-PCS	03CB4ZZ	Extirpation of Matter from Right Radial Artery
ICD-10-PCS	03CC0ZZ	Extirpation of Matter from Left Radial Artery
ICD-10-PCS	03CC3ZZ	Extirpation of Matter from Left Radial Artery
ICD-10-PCS	03CC4ZZ	Extirpation of Matter from Left Radial Artery
ICD-10-PCS	03CD0ZZ	Extirpation of Matter from Right Hand Artery
ICD-10-PCS	03CD3ZZ	Extirpation of Matter from Right Hand Artery
ICD-10-PCS	03CD4ZZ	Extirpation of Matter from Right Hand Artery
ICD-10-PCS	03CF0ZZ	Extirpation of Matter from Left Hand Artery
ICD-10-PCS	03CF3ZZ	Extirpation of Matter from Left Hand Artery
ICD-10-PCS	03CF4ZZ	Extirpation of Matter from Left Hand Artery
ICD-10-PCS	03CG0ZZ	Extirpation of Matter from Intracranial Artery
ICD-10-PCS	03CH0ZZ	Extirpation of Matter from Right Common Carotid Artery
ICD-10-PCS	03CJ0ZZ	Extirpation of Matter from Left Common Carotid Artery
ICD-10-PCS	03CK0ZZ	Extirpation of Matter from Right Internal Carotid Artery
ICD-10-PCS	03CL0ZZ	Extirpation of Matter from Left Internal Carotid Artery
ICD-10-PCS	03CM0ZZ	Extirpation of Matter from Right External Carotid Artery
ICD-10-PCS	03CN0ZZ	Extirpation of Matter from Left External Carotid Artery
ICD-10-PCS	03CP0ZZ	Extirpation of Matter from Right Vertebral Artery
ICD-10-PCS	03CQ0ZZ	Extirpation of Matter from Left Vertebral Artery
ICD-10-PCS	03CR0ZZ	Extirpation of Matter from Face Artery
ICD-10-PCS	03CS0ZZ	Extirpation of Matter from Right Temporal Artery
ICD-10-PCS	03CT0ZZ	Extirpation of Matter from Left Temporal Artery
ICD-10-PCS	03CU0ZZ	Extirpation of Matter from Right Thyroid Artery
ICD-10-PCS	03CV0ZZ	Extirpation of Matter from Left Thyroid Artery
ICD-10-PCS	03CY0ZZ	Extirpation of Matter from Upper Artery
ICD-10-PCS	03CY3ZZ	Extirpation of Matter from Upper Artery
ICD-10-PCS	03CY4ZZ	Extirpation of Matter from Upper Artery
ICD-10-PCS	04C00ZZ	Extirpation of Matter from Abdominal Aorta
ICD-10-PCS	04C04ZZ	Extirpation of Matter from Abdominal Aorta
ICD-10-PCS	04C10ZZ	Extirpation of Matter from Celiac Artery
ICD-10-PCS	04C14ZZ	Extirpation of Matter from Celiac Artery
ICD-10-PCS	04C20ZZ	Extirpation of Matter from Gastric Artery
ICD-10-PCS	04C24ZZ	Extirpation of Matter from Gastric Artery
ICD-10-PCS	04C30ZZ	Extirpation of Matter from Hepatic Artery
ICD-10-PCS	04C34ZZ	Extirpation of Matter from Hepatic Artery
ICD-10-PCS	04C40ZZ	Extirpation of Matter from Splenic Artery
ICD-10-PCS	04C44ZZ	Extirpation of Matter from Splenic Artery
ICD-10-PCS	04C50ZZ	Extirpation of Matter from Superior Mesenteric Artery
ICD-10-PCS	04C54ZZ	Extirpation of Matter from Superior Mesenteric Artery
ICD-10-PCS	04C60ZZ	Extirpation of Matter from Right Colic Artery
ICD-10-PCS	04C64ZZ	Extirpation of Matter from Right Colic Artery
ICD-10-PCS	04C70ZZ	Extirpation of Matter from Left Colic Artery
ICD-10-PCS	04C74ZZ	Extirpation of Matter from Left Colic Artery
ICD-10-PCS	04C80ZZ	Extirpation of Matter from Middle Colic Artery

ICD-10-PCS	04C84ZZ	Extirpation of Matter from Middle Colic Artery
ICD-10-PCS	04C90ZZ	Extirpation of Matter from Right Renal Artery
ICD-10-PCS	04C94ZZ	Extirpation of Matter from Right Renal Artery
ICD-10-PCS	04CA0ZZ	Extirpation of Matter from Left Renal Artery
ICD-10-PCS	04CA4ZZ	Extirpation of Matter from Left Renal Artery
ICD-10-PCS	04CB0ZZ	Extirpation of Matter from Inferior Mesenteric Artery
ICD-10-PCS	04CB4ZZ	Extirpation of Matter from Inferior Mesenteric Artery
ICD-10-PCS	04CC0ZZ	Extirpation of Matter from Right Common Iliac Artery
ICD-10-PCS	04CC4ZZ	Extirpation of Matter from Right Common Iliac Artery
ICD-10-PCS	04CD0ZZ	Extirpation of Matter from Left Common Iliac Artery
ICD-10-PCS	04CD4ZZ	Extirpation of Matter from Left Common Iliac Artery
ICD-10-PCS	04CE0ZZ	Extirpation of Matter from Right Internal Iliac Artery
ICD-10-PCS	04CE4ZZ	Extirpation of Matter from Right Internal Iliac Artery
ICD-10-PCS	04CF0ZZ	Extirpation of Matter from Left Internal Iliac Artery
ICD-10-PCS	04CF4ZZ	Extirpation of Matter from Left Internal Iliac Artery
ICD-10-PCS	04CH0ZZ	Extirpation of Matter from Right External Iliac Artery
ICD-10-PCS	04CH4ZZ	Extirpation of Matter from Right External Iliac Artery
ICD-10-PCS	04CJ0ZZ	Extirpation of Matter from Left External Iliac Artery
ICD-10-PCS	04CJ4ZZ	Extirpation of Matter from Left External Iliac Artery
ICD-10-PCS	04CK0ZZ	Extirpation of Matter from Right Femoral Artery
ICD-10-PCS	04CK3ZZ	Extirpation of Matter from Right Femoral Artery
ICD-10-PCS	04CK4ZZ	Extirpation of Matter from Right Femoral Artery
ICD-10-PCS	04CL0ZZ	Extirpation of Matter from Left Femoral Artery
ICD-10-PCS	04CL3ZZ	Extirpation of Matter from Left Femoral Artery
ICD-10-PCS	04CL4ZZ	Extirpation of Matter from Left Femoral Artery
ICD-10-PCS	04CM0ZZ	Extirpation of Matter from Right Popliteal Artery
ICD-10-PCS	04CM3ZZ	Extirpation of Matter from Right Popliteal Artery
ICD-10-PCS	04CM4ZZ	Extirpation of Matter from Right Popliteal Artery
ICD-10-PCS	04CN0ZZ	Extirpation of Matter from Left Popliteal Artery
ICD-10-PCS	04CN3ZZ	Extirpation of Matter from Left Popliteal Artery
ICD-10-PCS	04CN4ZZ	Extirpation of Matter from Left Popliteal Artery
ICD-10-PCS	04CP0ZZ	Extirpation of Matter from Right Anterior Tibial Artery
ICD-10-PCS	04CP3ZZ	Extirpation of Matter from Right Anterior Tibial Artery
ICD-10-PCS	04CP4ZZ	Extirpation of Matter from Right Anterior Tibial Artery
ICD-10-PCS	04CQ0ZZ	Extirpation of Matter from Left Anterior Tibial Artery
ICD-10-PCS	04CQ3ZZ	Extirpation of Matter from Left Anterior Tibial Artery
ICD-10-PCS	04CQ4ZZ	Extirpation of Matter from Left Anterior Tibial Artery
ICD-10-PCS	04CR0ZZ	Extirpation of Matter from Right Posterior Tibial Artery
ICD-10-PCS	04CR3ZZ	Extirpation of Matter from Right Posterior Tibial Artery
ICD-10-PCS	04CR4ZZ	Extirpation of Matter from Right Posterior Tibial Artery
ICD-10-PCS	04CS0ZZ	Extirpation of Matter from Left Posterior Tibial Artery
ICD-10-PCS	04CS3ZZ	Extirpation of Matter from Left Posterior Tibial Artery
ICD-10-PCS	04CS4ZZ	Extirpation of Matter from Left Posterior Tibial Artery
ICD-10-PCS	04CT0ZZ	Extirpation of Matter from Right Peroneal Artery
ICD-10-PCS	04CT3ZZ	Extirpation of Matter from Right Peroneal Artery
ICD-10-PCS	04CT4ZZ	Extirpation of Matter from Right Peroneal Artery
ICD-10-PCS	04CU0ZZ	Extirpation of Matter from Left Peroneal Artery
ICD-10-PCS	04CU3ZZ	Extirpation of Matter from Left Peroneal Artery
ICD-10-PCS	04CU4ZZ	Extirpation of Matter from Left Peroneal Artery
ICD-10-PCS	04CV0ZZ	Extirpation of Matter from Right Foot Artery
ICD-10-PCS	04CV3ZZ	Extirpation of Matter from Right Foot Artery
ICD-10-PCS	04CV4ZZ	Extirpation of Matter from Right Foot Artery
ICD-10-PCS	04CW0ZZ	Extirpation of Matter from Left Foot Artery

ICD-10-PCS	04CW3ZZ	Extirpation of Matter from Left Foot Artery
ICD-10-PCS	04CW4ZZ	Extirpation of Matter from Left Foot Artery
ICD-10-PCS	04CY0ZZ	Extirpation of Matter from Lower Artery
ICD-10-PCS	04CY3ZZ	Extirpation of Matter from Lower Artery
ICD-10-PCS	04CY4ZZ	Extirpation of Matter from Lower Artery
ICD-9-PCS	381	ENDARTERECTOMY
ICD-9-PCS	3811	ENDARTERECTOMY INTRACRANIAL VESSELS
ICD-9-PCS	3812	Endarterectomy, other vessels of head and neck
ICD-9-PCS	3813	ENDARTERECTOMY UPPER LIMB VESSELS
ICD-9-PCS	3814	ENDARTERECTOMY OF AORTA
ICD-9-PCS	3815	ENDARTERECTOMY OTH THORACIC VESSELS
ICD-9-PCS	3816	ENDARTERECTOMY ABDOMINAL ARTERIES
ICD-9-PCS	3818	ENDARTERECTOMY LOWER LIMB ARTERIES
ICD-10-PCS	03CG4ZZ	Extirpation of Matter from Intracranial Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CH4ZZ	Extirpation of Matter from Right Common Carotid Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CJ4ZZ	Extirpation of Matter from Left Common Carotid Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CK4ZZ	Extirpation of Matter from Right Internal Carotid Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CL4ZZ	Extirpation of Matter from Left Internal Carotid Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CM4ZZ	Extirpation of Matter from Right External Carotid Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CN4ZZ	Extirpation of Matter from Left External Carotid Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CP4ZZ	Extirpation of Matter from Right Vertebral Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CQ4ZZ	Extirpation of Matter from Left Vertebral Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CR3ZZ	Extirpation of Matter from Face Artery, Percutaneous Approach
ICD-10-PCS	03CR4ZZ	Extirpation of Matter from Face Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CS3ZZ	Extirpation of Matter from Right Temporal Artery, Percutaneous Approach
ICD-10-PCS	03CS4ZZ	Extirpation of Matter from Right Temporal Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CT3ZZ	Extirpation of Matter from Left Temporal Artery, Percutaneous Approach
ICD-10-PCS	03CT4ZZ	Extirpation of Matter from Left Temporal Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CU3ZZ	Extirpation of Matter from Right Thyroid Artery, Percutaneous Approach
ICD-10-PCS	03CU4ZZ	Extirpation of Matter from Right Thyroid Artery, Percutaneous Endoscopic Approach
ICD-10-PCS	03CV3ZZ	Extirpation of Matter from Left Thyroid Artery, Percutaneous Approach
ICD-10-PCS	03CV4ZZ	Extirpation of Matter from Left Thyroid Artery, Percutaneous Endoscopic Approach
CPT/HCPCS	92975	Thrombolysis, coronary, by intracoronary infusion
CPT/HCPCS	92977	Thrombolysis, coronary, by intravenous infusion
CPT/HCPCS	92920	PRQ CARDIAC ANGIOPLAST 1 ART
CPT/HCPCS	92921	PRQ CARDIAC ANGIO ADDL ART

CPT/HCPCS	92924	PRQ CARD ANGIO/ATHRECT 1 ART
CPT/HCPCS	92925	PRQ CARD ANGIO/ATHRECT ADDL
CPT/HCPCS	92937	PRQ REVASC BYP GRAFT 1 VSL
CPT/HCPCS	92938	PRQ REVASC BYP GRAFT ADDL
CPT/HCPCS	92941	PRQ CARD REVASC MI 1 VSL
CPT/HCPCS	92943	PRQ CARD REVASC CHRONIC 1VSL
CPT/HCPCS	92944	PRQ CARD REVASC CHRONIC ADDL
CPT/HCPCS	92973	PRQ CORONARY MECH THROMBECT
CPT/HCPCS	92982	CORONARY ARTERY DILATION
CPT/HCPCS	92984	CORONARY ARTERY DILATION
CPT/HCPCS	92995	CORONARY ATHERECTOMY
CPT/HCPCS	92996	CORONARY ATHERECTOMY ADD-ON
CPT/HCPCS	C9600	PERQ TRANSCATH PLCMT; 1 MAJ CA/BR
CPT/HCPCS	C9601	PC TRNSCATH PLCMT; EA ADD BR MAJ CA
CPT/HCPCS	C9602	PERQ TL CORONARY ATHERECT; 1 MCA/BR
CPT/HCPCS	C9603	PERQ TL COR ATHERECT;EA ADD BR MCA
CPT/HCPCS	C9604	PERQ TL REVISION OF/THRU CABG;1 VES
CPT/HCPCS	C9605	PERQ TL REV OF/THRU CABG;EA ADD BR
CPT/HCPCS	C9606	PC TL REV AC TOT/SUBTOT OCCL 1 VES
CPT/HCPCS	C9607	PERQ TL REV CHRN TOT OCCL; 1 VESSEL
CPT/HCPCS	C9608	PC TL REV CHRN TOT OCCL; EA ADD BR
CPT/HCPCS	G0290	TRNSCATH RX INTRACOR STNT; 1 VES
CPT/HCPCS	G0291	TRNSCATH RX INTRACOR STNT; EA ADD
CPT/HCPCS	S2220	THROMBECTOMY, CORONARY
DRG	112	PERCUTANEOUS CARDIOVASCULAR PROCEDURES
DRG	246	Percutaneous cardiovascular procedure with drug-eluting stent with major complication or comorbidity or 4+ vessels/stents
DRG	247	Percutaneous cardiovascular procedure with drug-eluting stent without major complication or comorbidity
DRG	248	Percutaneous cardiovascular procedure with non-drug-eluting stent with major complication or comorbidity or 4+ vessels/stents
DRG	249	Percutaneous cardiovascular procedure with non-drug-eluting stent without major complication or comorbidity
DRG	273	Percutaneous intracardiac procedures with MCC
DRG	274	Percutaneous intracardiac procedures without MCC
DRG	286	Circulatory disorders except acute myocardial infarction, with cardiac catheterization with MCC
DRG	287	Circulatory disorders except acute myocardial infarction, with cardiac catheterization without MCC
DRG	516	PERCUTANEOUS CARDIOVASC PROC W AMI
ICD-10-PCS	027034Z	DIL CA 1 ART RX-ELUT IL DEVC PERQ
ICD-10-PCS	027035Z	DILAT CA 1 ART 2 RX-ELUT IL DEVC PC
ICD-10-PCS	027036Z	DILAT CA 1 ART 3 RX-ELUT IL DEVC PC
ICD-10-PCS	027037Z	DIL CA 1 ART 4/> RX-ELUT IL DEVC PC
ICD-10-PCS	02703D6	DILATION CA 1 ART BIF IL DEVC PERQ
ICD-10-PCS	02703DZ	DILATION CA 1 ART INTRALUM DEVC PC
ICD-10-PCS	02703EZ	DIL CORONARY ART 1 ART 2 IL DEVC PC
ICD-10-PCS	02703F6	DIL COR ART 1 ART BIF 3 IL DEVC PC
ICD-10-PCS	02703FZ	DILAT COR ART 1 ART 3 IL DEVC PERQ
ICD-10-PCS	02703G6	DIL COR ART 1 ART BIF 4/> IL DVC PC
ICD-10-PCS	02703GZ	DILAT COR ART 1 ART 4/> IL DEVC PC
ICD-10-PCS	02703T6	DIL CA 1 ART BIF RAD IL DEVC PERQ



ICD-10-PCS	02703TZ	DILATION CA 1 ART RAD IL DEVC PERQ
ICD-10-PCS	02703Z6	DILATION COR ART 1 ARTERY BIF PERQ
ICD-10-PCS	02703ZZ	DILATION CORONARY ARTERY 1 ART PERQ
ICD-10-PCS	027044Z	DIL CA 1 ART RX-ELUT IL DVC PC ENDO
ICD-10-PCS	027045Z	DIL CA 1 A 2 RX-ELUT IL DVC PC ENDO
ICD-10-PCS	027046Z	DIL CA 1 A 3 RX-ELUT IL DVC PC ENDO
ICD-10-PCS	027047Z	DIL CA 1 ART 4/> RX-ELUT IL DVC PE
ICD-10-PCS	02704D6	DIL CA 1 ART BIF IL DEVC PERQ ENDO
ICD-10-PCS	02704DZ	DIL CA 1 ARTERY IL DEVC PERQ ENDO
ICD-10-PCS	02704EZ	DILAT CA 1 ART 2 IL DEVC PERQ ENDO
ICD-10-PCS	02704F6	DIL CA 1 ART BIF 3 IL DEVC PC ENDO
ICD-10-PCS	02704FZ	DILAT CA 1 ART 3 IL DEVC PERQ ENDO
ICD-10-PCS	02704G6	DIL CA 1 ART BIF 4/> IL DVC PC ENDO
ICD-10-PCS	02704GZ	DILAT CA 1 ART 4/> IL DEVC PC ENDO
ICD-10-PCS	02704T6	DIL CA 1 ART BIF RAD IL DVC PC ENDO
ICD-10-PCS	02704TZ	DIL CA 1 ART RAD IL DEVC PERQ ENDO
ICD-10-PCS	02704Z6	DILATION COR ART 1 ART BIF PC ENDO
ICD-10-PCS	02704ZZ	DILATION COR ART 1 ARTERY PERQ ENDO
ICD-10-PCS	027134Z	DIL CA 2 ART RX-ELUT IL DEVICE PERQ
ICD-10-PCS	027135Z	DIL CA 2 ART 2 RX-ELUT IL DEVC PERQ
ICD-10-PCS	027136Z	DIL CA 2 ART 3 RX-ELUT IL DEVC PERQ
ICD-10-PCS	027137Z	DIL CA 2 ART 4/> RX-ELUT IL DEVC PC
ICD-10-PCS	02713D6	DIL COR ART 2 ART BIF IL DEVC PERQ
ICD-10-PCS	02713DZ	DIL COR ARTERY 2 ART IL DEVICE PERQ
ICD-10-PCS	02713EZ	DIL CORONARY ART 2 ART 3 IL DEVC PC
ICD-10-PCS	02713F6	DIL COR ART 2 ART BIF 3 IL DEVC PC
ICD-10-PCS	02713FZ	DIL CORONARY ART 2 ART 3 IL DEVC PC
ICD-10-PCS	02713G6	DIL COR ART 2 ART BIF 4/> IL DVC PC
ICD-10-PCS	02713GZ	DIL CORONARY ART 2 ART 4/>IL DVC PC
ICD-10-PCS	02713T6	DIL CA 2 ART BIF RAD IL DEVICE PERQ
ICD-10-PCS	02713TZ	DIL COR ART 2 ART RAD IL DEVC PERQ
ICD-10-PCS	02713Z6	DILATION COR ART 2 ARTERIES BIF PC
ICD-10-PCS	02713ZZ	DILATION CORONARY ARTERY 2 ART PERQ
ICD-10-PCS	027144Z	DIL CA 2 ART RX-ELUT IL DVC PC ENDO
ICD-10-PCS	027145Z	DIL COR ART 2 A 2 RX-ELUT IL DVC PE
ICD-10-PCS	027146Z	DILAT CA 2 ART 3 RX-ELUT IL DEVC PE
ICD-10-PCS	027147Z	DIL CA 2 ART 4/> RX-ELUT IL DEVC PE
ICD-10-PCS	02714D6	DIL CA 2 ART BIF IL DEVC PERQ ENDO
ICD-10-PCS	02714DZ	DIL COR ART 2 ART IL DEVC PERQ ENDO
ICD-10-PCS	02714EZ	DIL COR ART 2 ART 2 IL DEVC PC ENDO
ICD-10-PCS	02714F6	DIL CA 2 ART BIF 3 IL DEVC PC ENDO
ICD-10-PCS	02714FZ	DIL COR ART 2 ART 3 IL DEVC PC ENDO
ICD-10-PCS	02714G6	DIL CA 2 ART 4/> IL DEVC PERQ ENDO
ICD-10-PCS	02714GZ	DIL CA 2 ART 4/> IL DEVC PERQ ENDO
ICD-10-PCS	02714T6	DIL CA 2 ART BIF RAD IL DVC PC ENDO
ICD-10-PCS	02714TZ	DIL CA 2 ART RAD IL DEVC PERQ ENDO
ICD-10-PCS	02714Z6	DIL CORONARY ART 2 ART BIF PC ENDO
ICD-10-PCS	02714ZZ	DIL CORONARY ARTERY 2 ART PERQ ENDO
ICD-10-PCS	027234Z	DIL CA 3 ART RX-ELUT IL DEVICE PERQ
ICD-10-PCS	027235Z	DIL CA 3 ART 2 RX-ELUT IL DEVC PERQ
ICD-10-PCS	027236Z	DIL CA 3 ART 3 RX-ELUT IL DEVC PERQ
ICD-10-PCS	027237Z	DIL CA 3 ART 4/> RX-ELUT IL DEVC PC
ICD-10-PCS	02723D6	DIL CA 3 ART BIF INTRALUM DEVC PERQ

ICD-10-PCS	02723DZ	DIL CA 3 ARTERIES INTRALUM DEVC PC
ICD-10-PCS	02723EZ	DILAT CA 3 ART 2 IL DEVICE PERQ
ICD-10-PCS	02723F6	DIL COR ART 3 ART BIF 3 IL DEVC PC
ICD-10-PCS	02723FZ	DIL CORONARY ART 3 ART 3 IL DEVC PC
ICD-10-PCS	02723G6	DIL COR ART 3 ART BIF 4/> IL DVC PC
ICD-10-PCS	02723GZ	DIL COR ART 3 ART 4/> IL DEVC PERQ
ICD-10-PCS	02723T6	DIL CA 3 ART BIF RAD IL DEVICE PERQ
ICD-10-PCS	02723TZ	DIL CA 3 ART RAD INTRALUM DEVC PERQ
ICD-10-PCS	02723Z6	DIL CA 3 ARTERIES BIFURCATION PERQ
ICD-10-PCS	02723ZZ	DILATION CORONARY ARTERY 3 ART PERQ
ICD-10-PCS	027244Z	DIL CA 3 ART RX-ELUT IL DVC PC ENDO
ICD-10-PCS	027245Z	DIL CA 3 ART 2 RX-ELUT IL DEVC PE
ICD-10-PCS	027246Z	DIL CA 3 ART 3 RX-ELUT IL DEVICE PE
ICD-10-PCS	027247Z	DIL CA 3 ART 4/> RX-ELUT IL DEVC PE
ICD-10-PCS	02724D6	DIL COR ART 3 ART BIF IL D PC ENDO
ICD-10-PCS	02724DZ	DIL COR ART 3 ART IL DEVC PERQ ENDO
ICD-10-PCS	02724EZ	DILAT CA 3 ART 2 IL DEVC PERQ ENDO
ICD-10-PCS	02724F6	DIL CA 3 ART BIF 3 IL DVC PERQ ENDO
ICD-10-PCS	02724FZ	DILAT CA 3 ART 3 IL DEVC PERQ ENDO
ICD-10-PCS	02724G6	DIL CA 3 ART BIF 4/> IL DVC PC ENDO
ICD-10-PCS	02724GZ	DILAT CA 3 ART 4/> IL DEVC PC ENDO
ICD-10-PCS	02724T6	DIL CA 3 ART BIF RAD IL DVC PC ENDO
ICD-10-PCS	02724TZ	DIL CA 3 ART RAD IL DEVICE PC ENDO
ICD-10-PCS	02724Z6	DILATION CA 3 ARTERIES BIF PC ENDO
ICD-10-PCS	02724ZZ	DIL CORONARY ARTERY 3 ART PERQ ENDO
ICD-10-PCS	027334Z	DIL CA 4/> ART RX-ELUT IL DEVC PERQ
ICD-10-PCS	027335Z	DIL CA 4/> ART 2 RX-ELUT IL DEVC PC
ICD-10-PCS	027336Z	DIL CA 4/> ART 3 RX-ELUT IL DEVC PC
ICD-10-PCS	027337Z	DIL CA 4/> A 4/> RX-ELUT IL DEVC PE
ICD-10-PCS	02733D6	DIL COR ART 4/> ART BIF IL DEVC PC
ICD-10-PCS	02733DZ	DIL COR ARTERY 4/> ART IL DEVC PERQ
ICD-10-PCS	02733EZ	DIL COR ART 4/> ART 2 IL DEVC PERQ
ICD-10-PCS	02733F6	DIL COR ART 4/> ART BIF 3 IL DVC PC
ICD-10-PCS	02733FZ	DIL COR ART 4/> ART 3 IL DEVC PERQ
ICD-10-PCS	02733G6	DIL CA 4/> ART BIF 4/> IL DEVC PERQ
ICD-10-PCS	02733GZ	DIL COR ART 4/> ART 4/> IL DVC PERQ
ICD-10-PCS	02733T6	DIL CA 4/> ART BIF RAD IL DEVC PERQ
ICD-10-PCS	02733TZ	DIL COR ART 4/> ART RAD IL DEVC PC
ICD-10-PCS	02733Z6	DIL COR ART 4/> ARTERIES BIF PERQ
ICD-10-PCS	02733ZZ	DIL CORONARY ART 4/> ARTERIES PERQ
ICD-10-PCS	027344Z	DIL CA 4/> ART RX-ELUT IL DVC PC E
ICD-10-PCS	027345Z	DIL CA 4/> ART 2 RX-ELUT IL DEVC PE
ICD-10-PCS	027346Z	DIL CA 4/> ART 3 RX-ELUT IL DEVC PE
ICD-10-PCS	027347Z	DIL CA 4/> A 4/> RX-ELUT IL DEVC PE
ICD-10-PCS	02734D6	DIL CA 4/> ART BIF IL DEVC PC ENDO
ICD-10-PCS	02734DZ	DIL CA 4/> ARTERY IL DEVC PC ENDO
ICD-10-PCS	02734EZ	DIL CORONARY ART 4/> A 2 IL DEVC PE
ICD-10-PCS	02734F6	DIL COR ART 4/>ART BIF 3 IL DEVC PE
ICD-10-PCS	02734FZ	DIL COR ART 4/> ART 3 IL DEVC PE
ICD-10-PCS	02734G6	DIL CA 4/> ART BIF 4/> IL DEVC PE
ICD-10-PCS	02734GZ	DIL COR ART 4/>ART 4/> IL DEVC PE
ICD-10-PCS	02734T6	DIL CA 4/> ART BIF RA IL PERQ ENDO
ICD-10-PCS	02734TZ	DIL CA 4/> ART RA IL DEVC PERQ ENDO

ICD-10-PCS	02734Z6	DILAT COR ART 4/> ART BIF PC ENDO
ICD-10-PCS	02734ZZ	DIL COR ART 4/MORE ART PERQ ENDO
ICD-10-PCS	02C03Z6	EXTIRPAT MATTR COR ART 1 ART BIF PC
ICD-10-PCS	02C03ZZ	EXTIRPAT MATTER COR ART 1 ART PERQ
ICD-10-PCS	02C04Z6	EXTIRPAT MATTER COR ART 1 A BIF PE
ICD-10-PCS	02C04ZZ	EXTIRPAT MATTER CA 1 ART PERQ ENDO
ICD-10-PCS	02C13Z6	EXTIRPATION MATTER CA 2 ART BIF PC
ICD-10-PCS	02C13ZZ	EXTIRPAT MATTER COR ART 2 ART PERQ
ICD-10-PCS	02C14Z6	EXTIRPAT MATTR COR ART 2 ART BIF PE
ICD-10-PCS	02C14ZZ	EXTIRPAT MATTER CA 2 ART PERQ ENDO
ICD-10-PCS	02C23Z6	EXTIRPAT MATTR COR ART 3 ART BIF PC
ICD-10-PCS	02C23ZZ	EXTIRPAT MATTER COR ART 3 ART PERQ
ICD-10-PCS	02C24Z6	EXTIRPAT MATTR COR ART 3 ART BIF PE
ICD-10-PCS	02C24ZZ	EXTIRPAT MATTER CA 3 AART PERQ ENDO
ICD-10-PCS	02C33Z6	EXTIRPAT MATTR COR ART 4/> A BIF PC
ICD-10-PCS	02C33ZZ	EXTIRPATION MATTER CA 4/> ART PERQ
ICD-10-PCS	02C34Z6	EXTIRPAT MATTR COR ART 4/> A BIF PE
ICD-10-PCS	02C34ZZ	EXTIRPAT MATTER CA 4/> ART PC ENDO
ICD-10-PCS	02N43ZZ	RELEASE CORONARY VEIN PERCUTANEOUS
ICD-10-PCS	02Q43ZZ	REPAIR CORONARY VEIN PERCUTANEOUS
ICD-10-PCS	2703000000	DIL COR ART 1 ART BIF 2 IL DEVC PC
ICD-10-PCS	270346	DIL CA 1 ART BIF RX-ELUT IL DEVC PC
ICD-10-PCS	270356	DIL CA 1 A BIF 2 RX-ELUT IL DEVC PC
ICD-10-PCS	270366	DIL CA 1 A BIF 3 RX-ELUT IL DEVC PC
ICD-10-PCS	270376	DIL CA 1 A BIF 4/>RX-ELUT IL DVC PC
ICD-10-PCS	2704000000	DILAT CA 1 ART BIF W IL DVC PC ENDO
ICD-10-PCS	270446	DIL CA 1 ART BIF RX-ELUT IL PC ENDO
ICD-10-PCS	270456	DIL CA 1 A BIF 2 RX-ELUT IL DVC PE
ICD-10-PCS	270466	DIL CA 1 A BIF 3 RX-ELUT IL DEVC PE
ICD-10-PCS	270476	DIL CA 1 A BIF 4/>RX-ELUT IL DVC PE
ICD-10-PCS	2713000000	DILAT COR ART 2 ART BIF 2 IL DVC PC
ICD-10-PCS	271346	DIL CA 2 ART BIF RX-ELUT IL DEVC PC
ICD-10-PCS	271356	DIL CA 2 A BIF 2 RX-ELUT IL DEVC PC
ICD-10-PCS	271366	DIL CA 2 A BIF 3 RX-ELUT IL DEVC PC
ICD-10-PCS	271376	DIL CA 2 A BIF 4/>RX-ELUT IL DVC PC
ICD-10-PCS	2714000000	DIL CA 2 ART BIF 2 IL DVC PERQ ENDO
ICD-10-PCS	271446	DIL CA 2 ART BIF RX-ELUT IL D PC E
ICD-10-PCS	271456	DIL CA 2 A BIF 2 RX-ELUT IL DEVC PE
ICD-10-PCS	271466	DIL CA 2 A BIF 3 RX-ELUT IL DEVC PE
ICD-10-PCS	271476	DIL CA 2 A BIF 4/>RX-ELUT IL DVC PE
ICD-10-PCS	2723000000	DIL COR ART 3 ART BIF 2 IL DEVC PC
ICD-10-PCS	272346	DIL CA 3 ART BIF RX-ELUT IL DEVC PC
ICD-10-PCS	272366	DIL CA 3 A BIF 3 RX-ELUT IL DVC PC
ICD-10-PCS	272376	DIL CA 3 A BIF 4/>RX-ELUT IL DVC PC
ICD-10-PCS	2724000000	DIL CA 3 ART BIF 2 IL DVC PERQ ENDO
ICD-10-PCS	272446	DIL CA 3 ART BIF RX-ELUT IL D PC E
ICD-10-PCS	272456	DIL CA 3 A BIF 2 RX-ELUT IL DVC PE
ICD-10-PCS	272466	DIL CA 3 A BIF 3 RX-ELUT IL DVC PE
ICD-10-PCS	272476	DIL CA 3 A BIF 4/>RX-ELUT IL DVC PE
ICD-10-PCS	2733000000	DILAT CA 4/> ART BIF 2 IL DEVC PERQ
ICD-10-PCS	273346	DIL CA 4/> ART BIF RX-ELUT IL D PC
ICD-10-PCS	273356	DIL CA 4/>A BIF 2 RX-ELUT IL DVC PC
ICD-10-PCS	273366	DIL CA 4/>A BIF 3 RX-ELUT IL DVC PC

ICD-10-PCS	273376	D CA 4/>A BIF 4/>RX-ELUT IL DVC PC
ICD-10-PCS	2734000000	DIL COR ART 4/> A BIF 2 IL DEVC PE
ICD-10-PCS	273446	DIL CA 4/>ART BIF RX-ELUT IL D PC E
ICD-10-PCS	273456	DIL CA 4/>A BIF 2 RX-ELUT IL DVC PE
ICD-10-PCS	273466	DIL CA 4/>A BIF 3 RX-ELUT IL DVC PE
ICD-10-PCS	273476	DIL CA 4/>A BIF 4/>RX-ELT IL DVC PE
ICD-9-PCS	3601	PTCA/COR ATH-LVSL NO LYS
ICD-9-PCS	3602	PTCA/COR ATH-1 VSL W/LYS
ICD-9-PCS	3605	PTCA/COR ATH-MULT VESSEL
CPT/HCPCS	92928	PRQ CARD STENT W/ANGIO 1 VSL
CPT/HCPCS	92929	PRQ CARD STENT W/ANGIO ADDL
CPT/HCPCS	92933	PRQ CARD STENT/ATH/ANGIO
CPT/HCPCS	92934	PRQ CARD STENT/ATH/ANGIO
CPT/HCPCS	92980	INSERT INTRACORONARY STENT
CPT/HCPCS	92981	INSERT INTRACORONARY STENT
CPT/HCPCS	35880	THROMBECTOMY ARTERIAL GR
CPT/HCPCS	37186	SEC ART THROMBECTOMY ADD-ON
CPT/HCPCS	37187	VENOUS MECH THROMBECTOMY
CPT/HCPCS	37188	VENOUS M-THROMBECTOMY ADD-ON
CPT/HCPCS	C1051	OASIS THROMBECTOMY CATH
ICD-10-PCS	03CG3ZZ	Extirpation of Matter from Intracranial Artery, Percutaneous Approach
ICD-10-PCS	03CH3ZZ	Extirpation of Matter from Right Common Carotid Artery, Percutaneous Approach
ICD-10-PCS	03CJ3ZZ	Extirpation of Matter from Left Common Carotid Artery, Percutaneous Approach
ICD-10-PCS	03CK3ZZ	Extirpation of Matter from Right Internal Carotid Artery, Percutaneous Approach
ICD-10-PCS	03CL3ZZ	Extirpation of Matter from Left Internal Carotid Artery, Percutaneous Approach
ICD-10-PCS	03CM3ZZ	Extirpation of Matter from Right External Carotid Artery, Percutaneous Approach
ICD-10-PCS	03CN3ZZ	Extirpation of Matter from Left External Carotid Artery, Percutaneous Approach
ICD-10-PCS	03CP3ZZ	Extirpation of Matter from Right Vertebral Artery, Percutaneous Approach
ICD-10-PCS	03CQ3ZZ	Extirpation of Matter from Left Vertebral Artery, Percutaneous Approach
ICD-9-PCS	3974	Endovascular removal of obstruction from head and neck vessel(s)

