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Epilepsy and mortality: a retrospective cohort analysis with a nested case-control study identifying causes and risk factors from primary care and linkage-derived data

Gabriella Wojewodka¹, Martin Gulliford^{2,3}, Mark Ashworth², Mark P. Richardson¹, Leone Ridsdale¹

¹ King's College London, Institute of Psychiatry, Psychology and Neuroscience, Department of Basic and Clinical Neuroscience, London, UK.

Corresponding author: Dr. Gabriella Wojewodka, King's College London, IoPPN, 16 De Crespigny Park, PO63, London, UK, SE5 8AF. email: gabriella.wojewodka@kcl.ac.uk

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² King's College London, School of Population Health and Environmental Sciences, London, UK.

³ National Institute for Health Research Biomedical Research Centre at Guy's and St Thomas' Hospitals, London, UK

ABSTRACT

Introduction

People with epilepsy (PWE) have a higher mortality rate than the general population. Epilepsy related deaths have increased despite all-cause mortality decreasing in the general population pre-Covid-19. We hypothesized that clinical and lifestyle factors may identify people more at risk.

Methods

We explored factors associated with mortality using primary care population data from 01/04/2004 to 31/03/2014. Data was obtained from the Clinical Practice Research Datalink (CPRD) which compiles anonymised patient data from primary care in the UK. Cause of death data was supplemented from the Office of National Statistics when available.

Results

The analysis included 70,431 people with epilepsy, with 11,241 registered deaths. The number of deaths within the database increased by 69% between the first and last year of the study. Epilepsy was considered as a contributing cause in approximately 45% of deaths of PWE under 35. Factors associated with increased risk of death included attendance at emergency departments and/or emergency admissions (OR: 3.06 CI: 2.83–3.31), anti-epileptic drug (AED) polytherapy (2 AEDs: OR 1.69 CI:1.58–1.79; 3 AEDs: OR: 2.23 CI: 2.01–2.48; 4+ AEDs: OR: 2.94 CI: 2.50–3.46), status epilepticus (OR: 2.62 CI: 1.54–4.45), depression (OR: 1.67 CI: 1.57–1.77) and injuries (OR: 1.40 CI: 1.30–1.51). No seizures in the prior year (OR: 0.77 CI: 0.70–0.86) and an increased frequency of collecting repeat epilepsy prescriptions (OR: 0.57 CI: 0.51–0.64) was associated with a lower risk of mortality.

Conclusion

Our results add to existing evidence that deaths in epilepsy are increasing. Future studies could focus on identifying PWE at high risk during routine consultations and addressing them with clinical interventions or better self-management. Identifying risk factors for younger people should be a priority as epilepsy may be a factor in close to half of deaths of PWE under 35 years of age.

STRENGTHS AND LIMITATIONS OF THE STUDY

- The study examines the higher mortality rate in epilepsy by exploring risk factors that could be mitigated by interventions in clinical practice
- The study included data collected in primary care which is large and representative compared to hospital data
- The large sample size collected from participating UK practices contributes to the generalisability of the results
- The data set used was from 2004 to 2014, as this covered a period where epilepsy was part of a national programme for outcome reporting.



INTRODUCTION

Epilepsy is one of the most common neurological conditions with about 50 million people affected worldwide.¹ With access to good treatment, it is estimated that 60-70% of people with epilepsy (PWE) can become free of seizure.² However, epilepsy is also an important cause of premature death.³ Mortality rates of people with epilepsy are higher than for the general population.⁴-9 A longitudinal cohort study from Sweden found that an epilepsy diagnosis was associated with a 14-fold increased risk of all-cause death.⁵ Some studies suggest that this has not changed over time.⁴ ¹0 Other data suggest the number of deaths in PWE is increasing despite a decrease in all-cause mortality in the general population.8 ¹¹¹ ¹² Public Health England reported that deaths with epilepsy as a contributing factor increased by 70% between 2001 and 2014, while all-cause deaths in the population decreased by 6%.¹¹

Some causes of death in PWE are similar to the general population, such as circulatory and respiratory diseases, dementia, Alzheimer's and cancers. ¹¹ ¹³ ¹⁴ Others are related to consequences of the condition itself such as injuries, burns and drowning during seizures. ⁵ ⁹ ¹⁵ Lifestyle and psychosocial factors contribute to increased risk of mortality and include alcohol or substance misuse, ¹³ ¹⁶ low adherence to medication, ¹⁰ depression, ⁵ ¹⁶ and socioeconomic status. ¹¹ ¹⁶ Sudden unexpected death in epilepsy (SUDEP) is sometimes posited as a common cause of death for PWE. A recent review suggests SUDEP accounts for 12% of all-cause deaths in epilepsy. ¹⁰ However, factors that can be prevented or treated are under-researched and could lead to more impact on reducing mortality.

In 2011, our group published risk factors increasing mortality in PWE based on population data collected in primary care in the United Kingdom (UK) between 1993 and 2007. Here, we follow-up on the analysis using data collected during an incentivised programme which rewarded enhanced monitoring and care for people with epilepsy in primary care over ten years. We hypothesised that the epilepsy data collected under this programme would be of high quality allowing for a comprehensive analysis of causes and risk factors associated with mortality. We report the number of deaths recorded during this time, the causes of death for younger and older PWE, and risk factors associated with mortality among PWE.

METHODS

Study Design

A retrospective cohort design was used to analyse mortality and causes of death in PWE. Risk factors affecting mortality were analysed using a nested case-control study. This study was approved by the Independent Scientific Advisory Committee of the Medicine and Healthcare Regulatory Agency (protocol 17_208R2).

Setting

Data was obtained from the Clinical Practice Research Datalink (CPRD). This database contains anonymised patient data obtained from electronic records from primary care clinics in the UK. The data is sent from participating clinics to a central server where data is cleaned, checked for quality and curated. A study from 2015 counted 11,299,221 patients registered in the CPRD from 674 GP practices.¹⁷ Patients in the database were representative of the UK population when compared to the 2011 census.¹⁷ For our study period, mid-year counts for 2004 show 4,584,065 patients were active in the database (alive and currently registered in a GP practice) with 50.1% being female. In 2013, 4,493,034 patients were active at mid-year and 50.4% were female.

Cause of death information was obtained when available through linked data for a subset of patients from England and Wales from the Office of National Statistics (ONS). The cause of death is presented using ICD-10 diagnostic codes and offers the main cause and up to 15 contributing causes, if applicable. The Index of Multiple Deprivation (IMD) was also obtained for each patient's GP practice, which was used for control matching in the case-control study. Practice IMD data was "most up to date" version when requested in 2018.

Our study period was from 01/04/2004 to 31/03/2014 during which epilepsy came under the Quality and Outcomes Framework, a programme implemented within the primary care setting. The aim of the programme was to record clinical information on specific lifestyle items or health conditions with the view that structured monitoring and reporting improved the quality of care.¹⁸

Cohort study participants

For the mortality and cause of death cohort study, adults with epilepsy were included who were least 18 years old at time of death. Epilepsy was defined as having a documented epilepsy diagnostic code and at least two prescriptions of antiepileptic drugs (AEDs). Any patient with a diagnostic code of "epilepsy resolved" was removed from the study (Medcodes 8385 and 12848).

Case-control study participants

For the analysis of factors associated with mortality, cases were defined as PWE with a documented date of death between 01/04/2004 to 31/03/2014 with at least 12 months of data recorded in our study period (thus earliest data of death included was 01/04/2005). Controls were randomly matched at a ratio of 3:1 by sex, practice IMD, year of birth (+/- 1 year). For cases aged 18, controls were matched for year of birth + 1 year. Controls were alive for at least 12 months after the date of death of their matched case.

Exposure variables

Potential variables were selected based on existing literature, items part of the QOF and others associated with lifestyle. Exposure data were refined based on the availability and reliability of data in the CPRD. Description of variables and sources of data are included in the Supplemental File. We assessed variables occurring in the 12 months prior to the case's date of death for emergency department visits or emergency admissions, number of AEDs, status epilepticus, depression, injury, smoking status, seizure freedom, and prescription adherence. Prescription adherence for 12 months was established using Therapy data which records dates of repeat prescriptions as requested by GPs. History of co-morbidity was taken from all available patient data for dementia and stroke. Missing data was considered as "no" for binary outcomes except for smoking status where the last known status was used, as previously reported. Yariables that were considered but not included due to poor quality of data included alcohol and substance use.

Statistics

The number all-cause deaths recorded in the CPRD was calculated for complete calendar years (from 2005 to 2013) to allow for comparisons with previous publications. All other analyses used data from the full study period (01/04/2004 to 31/03/2014). The cause of death data was analysed two ways: 1) tabulating the main cause of death in PWE and 2) evaluating the proportion of deaths with epilepsy listed as a contributing cause. A contributing cause was defined as either the main cause or listed as a cause in any of the other 15 positions on the death certificate. The main causes of death are presented

for younger and older PWE with 65 years as the cut-off. Deaths with epilepsy as a contributing cause were divided by age group. To track trends, an additional analysis of main cause of death by full calendar year is presented in supplemental material.

Conditional logistic regression was used for the nested case-control study. Variables were included in the model following maximum likelihood and Akaike information criterion (AIC) testing. Potential confounders such as age, sex, and deprivation were addressed by control matching. Data are presented as odds ratios (ORs) and 95% confidence intervals.

Patient and Public Involvement

No patient involved.

RESULTS

We obtained a sample size of 70,431 PWE with 11,241 who had a documented date of death within our time frame (Figure 1). We obtained cause of death for 7,405 people from ONS linked data. Age of patients ranged 18 to 105 with 50.8% male.

Number of deaths

The number of deaths recorded in the database increased between 2005 to 2013, from 821 to 1,386 which represents a 68.8% increase (Table 1). This increase was not attributed to more PWE being registered in the database as this decreased by 21.8% over the same period. The mean age of the participants within the database increased over time.

Table 1. Number of recorded deaths of PWE in the CPRD per full year within the study period.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Average age of									
adult PWE in the									
database, mean	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.2
(SD)	(18.5)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)
Number of PWE									
registered in the									
database	48,447	48,585	48,031	46,948	45,941	44,485	42,521	40,120	37,865
Number of									
recorded deaths	821	1,075	1,190	1,241	1,214	1,307	1,282	1,386	1,386
Number of deaths									
per 1000 PWE in									
the CPRD	16.9	22.1	24.8	26.4	26.4	29.4	30.1	34.5	36.6

Note: PWE defined as having an epilepsy diagnostic code and at least two prescriptions of AEDs, aged>17. Study period was from 1st April 2004 to 31st March 2014. Only data from full calendar years within that time frame were used for this table.

Cause of death

The main causes of death for PWE aged 18 to 64 years old were neoplasms (26.8%), diseases of the circulatory system (15.4%) and epilepsy (14.2%) (Table 2a). For PWE 65 years and over, the main

causes of death were diseases of the circulatory system (37.3%), neoplasms (17.2%) and diseases of the respiratory system (15.6%) (Table 2b). Deaths due to epilepsy as a primary cause were documented in 2.7% of older PWE.

Table 2a. Documented main cause of death of people with epilepsy under 65 years

ICD-10 category	Under 65, n (%)
Neoplasms (C00-D48)	571(26.9)
Diseases of the circulatory system (I00-I99)	330 (15.6)
Epilepsy (G40-G41)	302 (14.2)
Diseases of the respiratory system (J00-J99)	176 (8.3)
Diseases of the nervous system (G00-G37, G43-G99), excluding epilepsy	164 (7.7)
Diseases of the digestive system (K00-KK93)	161 (7.6)
External causes of morbidity and mortality (V01-X59, X85-Y98)	129 (6.1)
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	70 (3.3)
Mental and behavioural disorders (F00-F99)	61 (2.9)
Endocrine, nutritional and metabolic diseases (E00-E90)	34 (1.6)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	29 (1.4)
External causes of morbidity and mortality (intentional) (X60-X84)	28 (1.3)
Diseases of the genitourinary system (N00-N99)	23 (1.1)
Certain infectious and parasitic diseases (A00-B99)	20 (0.9)
Diseases of the blood and blood-forming organs (D50-D89)	9 (0.4)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	9 (0.4)
Diseases of the skin and subcutaneous tissue (L00-L99)	4 (0.2)
Total	2,120 (100.0)

Table 2b. Documented main cause of death of people with epilepsy aged 65 and over

ICD-10 category	65 and over, n (%)
Diseases of the circulatory system (I00-I99)	1973 (37.3)
Neoplasms (C00-D48)	910 (17.2)
Diseases of the respiratory system (J00-J99)	827 (15.6)
Mental and behavioural disorders (F00-F99)	479 (9.1)
Diseases of the nervous system (G00-G37, G43-G99), excluding epilepsy	295 (5.6)
Diseases of the digestive system (K00-KK93)	173 (3.3)
Epilepsy (G40-G41)	142 (2.7)
Diseases of the genitourinary system (N00-N99)	130 (2.5)
External causes of morbidity and mortality (V01-X59, X85-Y98)	88 (1.7)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	86 (1.6)
Endocrine, nutritional and metabolic diseases (E00-E90)	67 (1.3)
Certain infectious and parasitic diseases (A00-B99)	46 (0.9)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	29 (0.5)
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15 (0.3)
Diseases of the skin and subcutaneous tissue (L00-L99)	13 (0.2)
Diseases of the blood and blood-forming organs (D50-D89)	8 (0.2)
External causes of morbidity and mortality (intentional) (X60-X84)	4 (0.1)
Total	5,285 (100.0)

We tabulated the number of deaths with epilepsy listed as a cause of death, either the main or a contributing cause (Table 3). In PWE under 35, almost 45% of deaths had epilepsy as a contributary cause (35.1% to 53.3%, with a mean of 44.2%) (Table 3). The trends are similar between sexes under 35 and over 65. However, they differ in middle-age. At age 40, epilepsy-contributing deaths were 2-fold higher in male compared to female PWE.

Table 3. Epilepsy documented as a contributing cause of death by age group

		Male	Female			
Age group	All cause	Deaths with epilepsy as	All cause	Deaths with epilepsy as		
	deaths, n	contributing cause, n (%)	deaths, n	contributing cause, n (%)		
18-19	15	8 (53.3)	8	3 (37.5)		
20-24	37	17 (45.9)	29	13 (44.8)		
25-29	45	22 (48.9)	37	17 (45.9)		
30-34	64	27 (42.2)	37	13 (35.1)		
35-39	81	19 (23.5)	62	17 (27.4)		
40-44	135	44 (32.6)	75	12 (16.0)		
45-49	157	42 (26.8)	104	18 (17.3)		
50-54	213	58 (27.2)	114	19 (16.7)		
55-59	238	44 (18.5)	165	23 (13.9)		
60-64	291	63 (21.6)	213	36 (16.9)		
65-69	323	42 (13.0)	266	38 (14.3)		
70-74	442	60 (13.6)	295	34 (11.5)		
75-79	475	44 (9.3)	444	57 (12.8)		
80-84	517	53 (10.3)	578	68 (11.8)		
85-89	485	54 (11.1)	623	62 (10.0)		
90-105	290	22 (7.6)	547	65 (11.9)		

To explore whether there were changes in the causes of death over time, we tabulated the main cause of death by year (Supplementary File Table S1). Diseases of the circulatory system were consistently listed as the highest main cause of death for each year. The proportion of deaths due to mental and behavioural disorders doubled from 2011 onwards (mean percentage for 2005 to 2010: 5.05%, mean percentage for 2011 to 2013: 10.7%). The proportion of deaths attributed to epilepsy as the primary cause remained relatively stable throughout (6.3% for 2005 to 5.2% for 2013), although the number of deaths this represented increased (33 in 2005 to 51 to 2013).

Risk factors

Risk factors included in the model, frequencies and associated ORs are presented in Table 4. Attendance at emergency departments in the previous 12 months was associated with the highest risk (OR: 3.06 CI: 2.83 - 3.31). Compared to being prescribed one AED, prescription of two or more AEDs was associated with an elevated risk of death (2 AEDs: OR 1.69 CI:1.58 - 1.79; 3 AEDs: OR: 2.23 CI: 2.01 - 2.48; 4+ AEDs: OR: 2.94 CI: 2.50 - 3.46), while no AED prescription was associated with a lower risk (OR: 0.36 CI: 0.31 - 0.42) (Table 4). Other factors associated with an increased risk of mortality included experiencing status epilepticus within the past 12 months (OR: 2.62 CI: 1.54 - 4.45),

depression (OR: 1.67 CI: 1.57 – 1.77), smoking (OR: 1.43 CI: 1.32 – 1.54), injury (OR: 1.40 CI: 1.30 – 1.51), and history of dementia (OR: 1.37 CI: 1.25 – 1.51) and stroke (OR: 1.37 CI: 1.25 – 1.49).

A lower risk of death was associated with seizure freedom in the previous 12 months (OR: 0.77 CI: 0.70 - 0.86) and a higher prescription adherence (75 to 100% adherence: OR 0.57 CI: 0.51 - 0.64).

Table 4. Risk factors Increasing mortality in PWE

Factor	Group	Controls		Cases		Odds	95%
		n	%	n	%	Ratio	Confidence interval
Emergency department	no	25,712	94.2	7,469	82.1	reference	
visit or emergency							
admission	yes	1,576	5.8	1,627	17.9	3.06	2.83 - 3.31
Number of AEDs	0	1,667	6.1	353	3.9	0.36	0.31 - 0.42
prescribed	1	18,768	68.8	5,233	57.5	reference	
	2	5,196	19.0	2,453	27.0	1.69	1.58 - 1.79
	3	1,231	4.5	732	8.0	2.23	2.01 - 2.48
	4+	426	1.6	325	3.6	2.94	2.50 - 3.46
Status epilepticus	no	27,261	99.9	9,060	99.6	reference	
	yes	27	0.1	36	0.4	2.62	1.54 - 4.45
Depression	no	21,790	79.9	6,158	67.7	reference	
•	yes	5,498	20.1	2,938	32.3	1.67	1.57 - 1.77
Smoking status	Non-smoker	23,904	87.6	7,579	83.3	reference	
	Smoker	3,384	12.4	1,517	16.7	1.43	1.32 - 1.54
Injury	no	24,347	89.2	7,579	83.3	reference	
	yes	2,941	10.8	1,517	16.7	1.40	1.30 - 1.51
Dementia	no	25,698	94.2	8,328	91.6	reference	
	yes	1,590	5.8	768	8.4	1.37	1.25 - 1.51
Stroke	no	21,699	79.5	6,960	76.5	reference	
	yes	5,589	20.5	2,136	23.5	1.37	1.25 - 1.49
Age		•	•			1.15	1.11 - 1.19
Prescription adherence	0 to 25%	2,702	9.9	903	9.9	reference	
-	>25% to 50%	872	3.2	549	6.0	1.13	0.96 - 1.32
	>50% to 75%	2,814	10.3	1,177	12.9	0.83	0.73 – 0.95
	>75% to 100%	20,900	76.6	6,467	71.1	0.57	0.51 - 0.64
Seizure-free in previous	no	25,180	92.3	8,611	94.7	reference	
12 months	yes	2,108	7.7	485	5.3	0.77	0.70 - 0.86

DISCUSSION

We examined the causes of death among PWE and risk factors associated with mortality in a group of PWE derived from primary care data. The number of PWE with recorded deaths increased throughout our 9-year study period while the deaths attributed to epilepsy remained stable. In our model, we found important factors associated with a higher risk of mortality, some of which could be identified and potentially ameliorated by step-up care.

There were differences in the proportion of deaths attributed to epilepsy between younger and older PWE. Studies have found deaths of younger PWE are more often attributed to epilepsy.²⁰ ²¹ Indeed, epilepsy was the third highest main cause of death in younger PWE in our study, accounting for almost 15% of deaths. This increased to 35-50% when evaluating all contributing causes in age groups under 35. As younger PWE tend to have less co-morbidity than older adults, it may be simpler to attribute epilepsy as the main cause of death. New diagnoses of epilepsy in people over 65 are often secondary to cerebrovascular disease such as stroke or neoplasms in the brain.²² In our study, dementia was found to increase the risk of death, which has been found to share biological links with epilepsy.²³ New onset epilepsy in older people tends to be better controlled with AEDs.²⁴ Thus, other co-morbidity may take precedence in older PWE when documenting the cause of death, as epilepsy contributed to only about 10% of deaths and was listed as a main cause in 3%.

Factors associated with increased risk of death

Our findings support evidence from previous studies. Factors associated with risk of mortality in epilepsy included: depression,⁵ ¹⁶ ²⁵ injuries,³ ⁵ ⁹ ¹⁶ ²⁶ dementia and stroke,¹³ ²⁷ age,¹³ prescription adherence,¹⁶ ²⁸ ²⁹ and seizure freedom.³ ¹³ ¹⁵ ¹⁶ Novel findings include increased risk associated with emergency department visits and/or emergency admissions, prescription of more than one AED, and status epilepticus. Status epilepticus is a known cause of death,¹³ ²¹ ³⁰ however, to our knowledge, it has not been included within a risk model before.

Clinical Implications

Epilepsy management

The need for better epilepsy management is at the core of our findings. Several risk factors are linked within this theme such as emergency department attendance, polypharmacy, injury, adherence, and seizure freedom.

Visits to emergency departments or emergency admissions were associated with a 3-fold increased risk of death, the highest risk in our model. Visits to emergency services are associated with having injuries, ²⁹ experiencing a seizure or a change in normal seizure presentation, ³¹ and having less confidence in self-management. ³² Attendance to emergency departments for epilepsy could thus be considered a surrogate marker for poor epilepsy management. ³³ The National Audit of Seizure management in Hospitals (NASH), conducted during our study period in 2011 and 2013, found 63% of PWE presenting to emergency departments for seizures had not been seen by a specialist in the previous year. ³⁴ Moreover only half of attendees were either seen by a neurologist on site or referred to one upon discharge. ³⁴ These are missed opportunities to follow-up with patients who may be in need of clinical review or help with self-management, putting them at greater risk of death.

Areas for possible intervention

Regular medication review for multiple AEDs may be important as increased mortality risk was associated with two or more AEDs. Prescriptions of multiple AEDs may be an effect of having more refractory and harder to control epilepsy. However, polypharmacy may also result in more side-effects and different treatment schedules which could lead to more problems with medication adherence.³⁵

Adherence to medication treatment was found to be associated with fewer emergency department admissions, injuries, and lower costs.²⁸ In our study, higher rates of AED prescription collection was associated with a lower risk of death. However, the data we used had no granular information on medication adherence, or how medication was taken, only regular prescription collection. Collecting prescribed medicines requires a certain level of engagement and may be higher in those with better

self-management. Up to 50% of PWE can be non-adherent to treatment for various reasons,²⁹ intentional or unintentional, with memory issues, side-effects and poor communication between patients and clinicians being factors.^{36 37} In the UK, medication for epilepsy is free and thus financial reasons would not be a factor for our study. However, availability of free medication can depend on adequate drug supply from manufacturers and having access to pharmacies. Annual medication reviews were part of the QOF programme for epilepsy within our study time frame. This may have improved prescription adherence, in other words collection of prescribed AEDs, which was high in our study. Discussing issues around adherence help elucidate barriers to better self-management.

Depression has been reported in about 25% of PWE.^{38 39} In our study, we found 30% of cases and 20% of controls had either a diagnosis of depression or a prescription of anti-depressants. Depression and other psychiatric disorders have been found to be associated with worse quality of life⁴⁰ and affect self-management.⁴¹ Many PWE have said they do not feel their mental health needs are being addressed and thus depression may be underassessed in this patient group.⁴² As the proportion of deaths with psychiatric illness as a main cause increased 2-fold in our study period, psychiatric assessment and management should be provided for people with epilepsy.

Ultimately, the goal of better epilepsy management is seizure reduction or seizure freedom. Seizure freedom was associated with a 20% reduced risk of mortality in our model. Previous findings showed seizure freedom conveyed similar mortality rates as observed in the general population.¹⁵

Other factors

We explored lifestyle factors which may be associated with increased mortality and found smoking to be associated with a higher risk. Other findings may be less amenable to change, although some intervention may be helpful. For example, experiencing status epilepticus in the previous 12 months was associated with a higher risk of death. In epilepsy, it is most often caused by low blood levels of AEDs or alcohol misuse.⁴³ Injury to the brain (trauma, hypoxia, anoxia), tumours, infections and stroke can also trigger status epilepticus and thus it may not always be preventable.⁴³

Strengths and limitations

The CPRD contains data collected from primary care which is vast and increased the generalisability of results as all participating UK practices were included. The quality of information in the CPRD is dependent on data entered by practice staff during consultations. Items not applicable for a patient may be left off, rather than recorded as such. In the case of diagnosis, there is no option for a GP to enter an absence of diagnosis. For this reason, we interpreted missing data as "no" or "no complication", however we recognise this may be a limitation for some factors. Other limitations include not knowing the cause of injuries or hospital attendance and thus they may be unrelated to epilepsy.

The time frame of our analysis corresponded to the period where epilepsy was part of the Quality and Outcomes Framework, a programme whereby GPs were contracted to record specific characteristics of their patients with epilepsy. ⁴⁴ In particular, data on drug treatment, seizure frequency and seizure freedom were part of this programme. ⁴⁴ We hypothesized that this would lead to better quality data for epilepsy and strengthen the study. While the data collected may be more complete than years prior, GP practices were less successful in achieving targets for epilepsy compared to other conditions, some of which are more highly rewarded. ⁴⁴ ⁴⁵ Older data may contain outdated diagnoses of epilepsy which may not have been reconfirmed by today's standards, and if in remission, might not have been designated with an epilepsy resolved code. This could lead to missing epilepsy data. However, the

strength of the CRPD is the vast data collected from the community setting compared to hospital databases.

Death certificate data for epilepsy has often been found to be problematic. A 2002 audit of UK data found up to 40% of deaths were attributed to the wrong cause for PWE.⁴⁶ Epilepsy tends to be underestimated as a cause of death⁸ ²⁵ and dismissed for other cardiovascular or respiratory explanations.²⁰ ²⁵ ⁴⁷ Indeed, we found other diseases were listed as primary cause of death which may in fact have been epilepsy. The percentage of deaths with epilepsy as a main cause remained stable throughout our study, suggesting that practice may not have changed during this time.

Research Implications

Our risk factor model took into account PWE of all ages. However, as the main causes of death differ between younger and older PWE, risk factors may also be different. Indeed, the highest excess mortality due to epilepsy has been observed in younger people. This would benefit from further research, particularly as epilepsy contributed to close to 50% of deaths in some younger age groups. We also did not evaluate potential causes of epilepsy, such as whether stroke or tumours preceded an epilepsy diagnosis, and whether this would impact mortality. In addition, the analysis may benefit from being repeated with more recent data from the CPRD and ONS.

CONCLUSION

Several reports, including ours, have shown deaths in epilepsy continue to rise. Epilepsy is deemed a contributing cause of death particularly in young PWE, but less so in those over 65. While epilepsy in older people may be better controlled with AEDs, co-morbidity may mask the impact of epilepsy. We found certain factors are associated with risk of death such as emergency department attendance for epilepsy and admission, AED polytherapy, depression, injuries, and prescription non-adherence. These could be addressed with clinical intervention and more information for self-management.

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AUTHOR CONTRIBUTIONS

GW conducted the study, statistical analysis, and write-up of manuscript. MG contributed to the study design, supported the statistical analysis, and write-up. MA contributed to the study design and write-up. MPR contributed to study design. LR contributed to the study design, interpretation, and write-up of findings.

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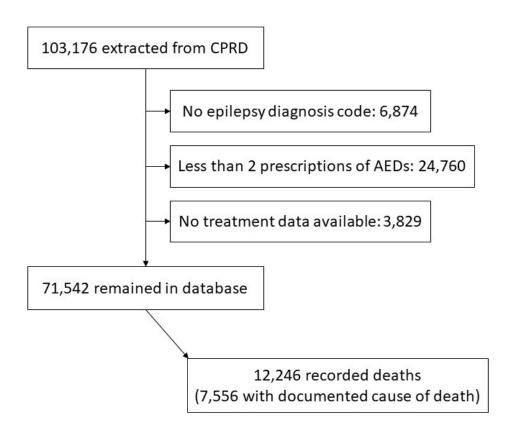


Figure 1. Flowchart of patient selection for analysis $183 \times 156 \text{mm}$ (96 x 96 DPI)

Supplemental Material

Coding of variables

Age: For cases: age = year of death – year of birth. For matched controls: age = year of death of the matched case – year of birth.

For epilepsy related factors (ie. Relating to seizures and treatment) and lifestyle factors, data from the CPRD was used from the date of death of the matched case up to 12 months prior. These variables are listed below:

Seizure freedom: recoded seizure freedom for > 12 months (medcode: 11015; readcode: 667F.00) in clinical CPRD data.

Prescription adherence: Calculated as a percentage of the previous 12-months covered by AED prescriptions from therapy CPRD data. The variable was converted to a categorical variable for the model by grouping into: 0-25%, >25-50%, >50-75% and >75%-100%.

Number of antiepileptic drugs (AEDs): Number of different types of AEDs prescribed in 12 months were grouped into categories: 0, 1, 2, 3 and 4 or more. Product codes ("prodcode") were used from therapy CPRD data to identify AEDs in the database.

Status epilepticus: recorded status epilepticus code in previous 12 months (medcode: 4093; readcode: F253.11) clinical CPRD data.

Injury: any injury documented in clinical CPRD data. A list of medcode/readcodes from clinical CPRD data included: injuries, fractures, dislocations, burns, bruising, contusions, lacerations, abrasions, concussions and wounds.

Emergency department visit or emergency admission: medcode/readcodes for emergency admissions or visits to emergency centres from clinical CPRD data. This included keywords: seen by emergency clinician, in accident and emergency, emergency admission.

Smoking status: Data was coded from medcodes/readcodes related to smoking or smoking cessation interventions in clinical CPRD data and overall smoking status if available in the CPRD Additional Files. For any patients that did not have a smoking status recording in the 12-month data period, the last known recording from clinical data was used.

Used code list from Validity of smoking prevalence estimates from primary care electronic health records compared with national population survey data for England, 2007 to 2011. Helen P. Booth, A. Toby Prevost and Martin C. Gulliford. 2013.

Depression: the variable was coded as either a documented diagnostic medcode/readcode related to "depression" in clinical CPRD data or a prescription of antidepressants from therapy CRPD data in previous 12 months. Antidepressants were identified through their product codes (prodcode) from therapy data.

For co-morbidity, data coded for patient's lifetime (within start and end dates with acceptable quality data recording):

Dementia: medcode/readcode list including for "dementia" and "Alzheimer's" in patient history from clinical CPRD data.

Stroke: medcode/readcode list including stroke, cerebral ischemia/arterial occlusion/haemorrhage/infarction. embolism in patient history from clinical CPRD data.

Table S1. Main cause of death of PWE registered in the CPRD between 2005 – 2013 by year

ICD-10 category (ICD-10 code)	2005 (%)	2006 (%)	2007 (%)	2008 (%)	2009 (%)	2010 (%)	2011 (%)	2012 (%)	2013 (%)
Epilepsy (G40-G41)	6.3	6.3	5.9	6.1	5.7	6.2	5.2	7.1	5.2
Certain infectious and parasitic diseases (A00-B99)	1.0	1.6	1.1	1.0	0.7	0.9	0.5	1.2	0.5
Neoplasms (C00-D48)	20.9	19.4	17.6	19.6	19.0	18.1	21.8	21.4	20.9
Diseases of the blood and blood-forming organs (D50-D89)	0.6	0.0	0.4	0.3	0.1	0.0	0.2	0.3	0.3
Endocrine, nutritional and metabolic diseases (E00-E90)	1.5	1.7	1.7	1.1	1.6	1.7	1.1	1.0	1.1
Mental and behavioural disorders (F00-F99)	4.6	3.8	5.8	5.0	6.6	4.5	10.7	10.9	10.5
Diseases of the nervous system (G00-G37, G43-G99)	4.6	5.1	5.1	6.0	7.5	5.5	7.3	5.6	7.2
Diseases of the circulatory system (100-199)	33.8	35.1	34.0	34.0	31.3	33.1	28.3	26.8	28.1
Diseases of the respiratory system (J00-J99)	12.9	16.3	14.7	13.6	13.0	14.5	12.6	12.7	12.5
Diseases of the digestive system (K00-KK93)	3.8	3.3	4.3	4.6	4.1	4.8	4.9	4.9	5.0
Diseases of the skin and subcutaneous tissue (L00-L99)	0.0	0.1	0.5	0.3	0.4	0.3	0.1	0.0	0.1
Diseases of the musculoskeletal system and connective tissue (M00-M99)	0.4	0.0	0.8	0.3	1.2	0.2	0.7	0.4	0.8
Diseases of the genitourinary system (N00-N99)	2.9	2.5	2.4	1.8	2.8	3.1	0.7	2.1	1.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1.5	1.5	1.1	1.5	1.6	0.9	0.8	0.8	1.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1.5	1.3	1.8	1.7	1.0	2.3	1.7	1.8	1.0
External causes of morbidity and mortality (V01-X59, X85-Y98)	3.3	1.6	2.6	2.8	3.1	3.1	3.2	2.6	3.5
External causes of morbidity and mortality (intentional) (X60-X84)	0.4	0.4	0.1	0.4	0.4	0.8	0.2	0.3	1.0
Total (n)	521	687	761	785	836	874	886	956	987

STROBE Statement—checklist of items that should be included in reports of observational studies

	Item No	Recommendation	Page No
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract	1
		(b) Provide in the abstract an informative and balanced summary of what	2
		was done and what was found	
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	4
Objectives	3	State specific objectives, including any prespecified hypotheses	4
		Saile specific edjectives, including any prespective hypotheses	
Methods Study design	1	Drogant leave alamonta of study design contrain the name	1.5
Study design	4	Present key elements of study design early in the paper	4,5
Setting	5	Describe the setting, locations, and relevant dates, including periods of	4,5
		recruitment, exposure, follow-up, and data collection	
Participants	6	(a) Cohort study—Give the eligibility criteria, and the sources and	5
		methods of selection of participants. Describe methods of follow-up	
		Case-control study—Give the eligibility criteria, and the sources and	
		methods of case ascertainment and control selection. Give the rationale	
		for the choice of cases and controls	
		Cross-sectional study—Give the eligibility criteria, and the sources and	
		methods of selection of participants	
		(b) Cohort study—For matched studies, give matching criteria and	5
		number of exposed and unexposed	
		Case-control study—For matched studies, give matching criteria and the	
		number of controls per case	
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	5
Data sources/	8*	For each variable of interest, give sources of data and details of methods	5
measurement	Ü	of assessment (measurement). Describe comparability of assessment	
measurement		methods if there is more than one group	
D:	0	<u> </u>	NT/A
Bias	9	Describe any efforts to address potential sources of bias	N/A
Study size	10	Explain how the study size was arrived at	5,6
			5,6
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If	
	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	
	11	applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for	5,6
Quantitative variables		applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for confounding	
Quantitative variables		applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions	N/A
Quantitative variables		applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions (c) Explain how missing data were addressed	N/A 5
Quantitative variables		applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions (c) Explain how missing data were addressed (d) Cohort study—If applicable, explain how loss to follow-up was	N/A
Quantitative variables		applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions (c) Explain how missing data were addressed (d) Cohort study—If applicable, explain how loss to follow-up was addressed	N/A 5
Quantitative variables		applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions (c) Explain how missing data were addressed (d) Cohort study—If applicable, explain how loss to follow-up was addressed Case-control study—If applicable, explain how matching of cases and	N/A 5
Quantitative variables		applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions (c) Explain how missing data were addressed (d) Cohort study—If applicable, explain how loss to follow-up was addressed Case-control study—If applicable, explain how matching of cases and controls was addressed	N/A 5
Quantitative variables		applicable, describe which groupings were chosen and why (a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions (c) Explain how missing data were addressed (d) Cohort study—If applicable, explain how loss to follow-up was addressed Case-control study—If applicable, explain how matching of cases and	N/A 5

Results			
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially	Fig 1
		eligible, examined for eligibility, confirmed eligible, included in the study,	
		completing follow-up, and analysed	
		(b) Give reasons for non-participation at each stage	Fig 1
		(c) Consider use of a flow diagram	Fig 1
Descriptive	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and	6
data		information on exposures and potential confounders	
		(b) Indicate number of participants with missing data for each variable of interest	N/A
		(c) Cohort study—Summarise follow-up time (eg, average and total amount)	
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time	
		Case-control study—Report numbers in each exposure category, or summary	table
		measures of exposure	3
		Cross-sectional study—Report numbers of outcome events or summary measures	
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and	8,9
		their precision (eg, 95% confidence interval). Make clear which confounders were	
		adjusted for and why they were included	
		(b) Report category boundaries when continuous variables were categorized	table 3
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and	N/A
		sensitivity analyses	
Discussion			
Key results	18	Summarise key results with reference to study objectives	9,10
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or	11,12
		imprecision. Discuss both direction and magnitude of any potential bias	
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations,	10,11
		multiplicity of analyses, results from similar studies, and other relevant evidence	
Generalisability	21	Discuss the generalisability (external validity) of the study results	11,12
Other informati	ion		
Funding	22	Give the source of funding and the role of the funders for the present study and, if	12
		applicable, for the original study on which the present article is based	

^{*}Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

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

BMJ Open

Epilepsy and mortality: a retrospective cohort analysis with a nested case-control study identifying causes and risk factors from primary care and linkage-derived data

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Epilepsy and mortality: a retrospective cohort analysis with a nested case-control study identifying causes and risk factors from primary care and linkage-derived data

Gabriella Wojewodka¹, Martin Gulliford^{2,3}, Mark Ashworth², Mark P. Richardson¹, Leone Ridsdale¹

¹ King's College London, Institute of Psychiatry, Psychology and Neuroscience, Department of Basic and Clinical Neuroscience, London, UK.

Corresponding author: Dr. Gabriella Wojewodka, King's College London, IoPPN, 16 De Crespigny Park, PO63, London, UK, SE5 8AF. email: gabriella.wojewodka@kcl.ac.uk

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² King's College London, School of Population Health and Environmental Sciences, London, UK.

³ National Institute for Health Research Biomedical Research Centre at Guy's and St Thomas' Hospitals, London, UK

ABSTRACT

Objectives

People with epilepsy (PWE) have a higher mortality rate than the general population. Epilepsy related deaths have increased despite all-cause mortality decreasing in the general population pre-Covid-19. We hypothesized that clinical and lifestyle factors may identify people more at risk.

Design

We used a retrospective cohort study to explore cause of death and a nested case-control study to identify risk factors.

Setting

We explored factors associated with mortality using primary care population data from 01/04/2004 to 31/03/2014. Data was obtained from the Clinical Practice Research Datalink (CPRD) which compiles anonymised patient data from primary care in the UK. Cause of death data was supplemented from the Office of National Statistics when available.

Participants

The analysis included 70,431 people with epilepsy, with 11,241 registered deaths.

Results

The number of deaths within the database increased by 69% between the first and last year of the study. Epilepsy was considered as a contributing cause in approximately 45% of deaths of PWE under 35. Factors associated with increased risk of death included attendance at emergency departments and/or emergency admissions (OR: 3.48 CI: 3.19 – 3.80), anti-epileptic drug (AED) polytherapy (2 AEDs: OR 1.60 CI:1.51–1.71; 3 AEDs: OR: 2.06 CI: 1.86–2.29; 4+ AEDs: OR: 2.62 CI: 2.23–3.08), status epilepticus (OR: 2.78 CI: 1.64–4.71), depression (OR: 1.67 CI: 1.57–1.76) and injuries (OR: 1.54 CI: 1.35–1.56). No seizures in the prior year (OR: 0.52 CI: 0.41–0.65).

Conclusion

Our results add to existing evidence that deaths in epilepsy are increasing. Future studies could focus on identifying PWE at high risk and addressing them with clinical interventions or better self-management. Identifying specific risk factors for younger people should be a priority as epilepsy may be a factor in close to half of deaths of PWE under 35 years of age.

STRENGTHS AND LIMITATIONS OF THE STUDY

- The study examines the higher mortality rate in epilepsy by exploring risk factors that could be mitigated by interventions in clinical practice
- The study included data collected in primary care which is large and representative compared to hospital data
- The large sample size collected from participating UK practices contributes to the generalisability of the results
- The data set used was from 2004 to 2014, as this covered a period where epilepsy was part of a national programme for outcome reporting.



INTRODUCTION

Epilepsy is one of the most common neurological conditions with about 50 million people affected worldwide.¹ With access to good treatment, it is estimated that 60-70% of people with epilepsy (PWE) can become free of seizure.² However, epilepsy is also an important cause of premature death.³ Mortality rates of people with epilepsy are higher than for the general population.⁴-9 A longitudinal cohort study from Sweden found that an epilepsy diagnosis was associated with a 14-fold increased risk of all-cause death.⁵ Some studies suggest that this has not changed over time.⁴ ¹0 Other data suggest the number of deaths in PWE is increasing despite a decrease in all-cause mortality in the general population.8 ¹¹¹ ¹² Public Health England reported that deaths with epilepsy as a contributing factor increased by 70% between 2001 and 2014, while all-cause deaths in the population decreased by 6%.¹¹

Some causes of death in PWE are similar to the general population, such as circulatory and respiratory diseases, dementia, Alzheimer's and cancers. ¹¹ ¹³ ¹⁴ Others are related to consequences of the condition itself such as injuries, burns and drowning during seizures. ⁵ ⁹ ¹⁵ Lifestyle and psychosocial factors contribute to increased risk of mortality and include alcohol or substance misuse, ¹³ ¹⁶ low adherence to medication, ¹⁰ depression, ⁵ ¹⁶ and socioeconomic status. ¹¹ ¹⁶ Sudden unexpected death in epilepsy (SUDEP) is sometimes posited as a common cause of death for PWE. A recent review suggests SUDEP accounts for 12% of all-cause deaths in epilepsy. ¹⁰ However, factors that can be prevented or treated are under-researched and could lead to more impact on reducing mortality.

In 2011, our group published risk factors increasing mortality in PWE based on population data collected in primary care in the United Kingdom (UK) between 1993 and 2007. Here, we follow-up on the analysis using data collected during an incentivised programme which rewarded enhanced monitoring and care for people with epilepsy in primary care over ten years. We hypothesised that the epilepsy data collected under this programme would be of high quality allowing for a comprehensive analysis of causes and risk factors associated with mortality. We report the number of deaths recorded during this time, the causes of death for younger and older PWE, and risk factors associated with mortality among PWE.

METHODS

Study Design

A retrospective cohort design was used to analyse mortality and causes of death in PWE. Risk factors affecting mortality were analysed using a nested case-control study. This study was approved by the Independent Scientific Advisory Committee of the CPRD (protocol 17_208R2).

Setting

Data was obtained from the Clinical Practice Research Datalink (CPRD). This database contains anonymised patient data obtained from electronic records from primary care clinics in the UK. The data is sent from participating clinics to a central server where data is cleaned, checked for quality and curated. A study from 2015 counted 11,299,221 patients registered in the CPRD from 674 GP practices. Patients in the database were representative of the UK population when compared to the 2011 census. For our study period, mid-year counts for 2004 show 4,584,065 patients were active in the database (alive and currently registered in a GP practice) with 50.1% being female. In 2013, 4,493,034 patients were active at mid-year and 50.4% were female.

Our study period was from 01/04/2004 to 31/03/2014 during which epilepsy management came under the Quality and Outcomes Framework (QOF), a programme implemented within the primary care setting. Revised QOF clinical indicators were implemented in April 2014 when most epilepsy indicators were discontinued. The aim of the programme was to incentivize improvement in the recording of clinical information on specific lifestyle items or long term health conditions with the view that structured monitoring and reporting improved the quality of care.¹⁸

Types of data

The CPRD includes "patient data" which include demographic information, "clinical data" include information on clinical events such as diagnosis or symptoms, and "additional clinical details" that include lifestyle factors. It also includes "therapy data" which contains information on prescriptions, product codes, doses and treatment schedules. Clinical data are entered initially as alpha numeric Read codes by the GP into electronic medical records. These are converted into numeric Medcodes within the CPRD for easier analysis by researchers. Medication types are recorded in "therapy data" as numeric Prodcodes.

Cause of death information was obtained when available through linked data for a subset of patients from England and Wales from the Office of National Statistics (ONS). The cause of death is presented using ICD-10 diagnostic codes and offers the main cause and up to 15 contributing causes, if applicable. Date of death was available both from the CPRD and ONS data and the earliest date of the two was used if there were discrepancies. The Index of Multiple Deprivation (IMD) was also obtained for each patient's GP practice, which was used for control matching in the case-control study. Practice IMD data was "most up to date" version when requested in 2018.

Cohort study participants

For the mortality and cause of death cohort study, adults with epilepsy were included who were least 18 years old at time of death. Epilepsy was defined as having a documented epilepsy diagnostic code or seizure code and at least two prescriptions of antiepileptic drugs (AEDs). Using a diagnostic or seizure code with prescription data has been validated to identify cases of epilepsy in routinely collected data. Any patient with a diagnostic code of "epilepsy resolved" was removed from the study (Medcodes 8385 and 12848, Read codes 2126000 and 212J.00). Codes used to identify epilepsy and seizures are presented in Table S1 (Supplemental File 1).

Case-control study participants

Since we were focusing on the specific 12-month period prior to date of death to establish preventable risk factors, we opted to use a nested case-control study design. Cases were defined as PWE within the cohort with a documented date of death between 01/04/2004 to 31/03/2014 with at least 12 months of data recorded in our study period (thus earliest data of death included was 01/04/2005). Controls were randomly matched at a ratio of 3:1 by sex, practice IMD, year of birth (+/- 1 year). For cases aged 18, controls were matched for year of birth + 1 year. Controls were alive for at least 12 months after the date of death of their matched case. The first analysis was conducted for the whole dataset and a second one used data from PWE under the age of 35.

Exposure variables

Potential variables were selected based on existing literature, items part of the QOF and others associated with lifestyle. Exposure data were refined based on the availability and reliability of data in the CPRD. Full description of variables and sources of data are included in the Supplemental File 1. List of codes used for each variable can be found in Supplemental File 2. We assessed variables occurring

in the 12 months prior to the case's date of death for emergency department visits or emergency admissions, number of AEDs, status epilepticus, depression, injury, smoking status, and seizure freedom. History of co-morbidity was taken from all available patient data for dementia and stroke. Missing data was considered as "no" for binary outcomes except for smoking status where the last known status was used, as previously reported.²⁰ Variables that were considered but not included due to poor quality of data included alcohol and substance use.

Statistics

The number all-cause deaths recorded in the CPRD was calculated for complete calendar years (from 2005 to 2013) to allow for comparisons with previous publications. All other analyses used data from the full study period (01/04/2004 to 31/03/2014). The cause of death data was analysed two ways: 1) tabulating the main cause of death in PWE and 2) evaluating the proportion of deaths with epilepsy listed as a contributing cause. A contributing cause was defined as either the main cause or listed as a cause in any of the other 15 positions on the death certificate. The main causes of death are presented for younger and older PWE with 65 years as the cut-off. Deaths with epilepsy as a contributing cause were divided by age group. To track trends, an additional analysis of main cause of death by full calendar year is presented in supplemental material (Table S2, Supplemental File 1).

Conditional logistic regression was used for the nested case-control study. Variables were included in the model following maximum likelihood and Akaike information criterion (AIC) testing. Potential confounders such as age, sex, and deprivation were addressed by control matching. Data are presented as odds ratios (ORs) and 95% confidence intervals. The analysis was conducted for the whole dataset and subsequently for the subset of PWE aged under 35.

The following interactions were tested: age and emergency visit/admission, age and injury, age and dementia, age and stroke, status epilepticus and emergency visit/admissions, number of AEDs and seizure freedom, prescription issue and number of AEDs, injury and emergency visit/admission.

Patient and Public Involvement

Patients or the public were not involved in the design, or conduct, or reporting, or dissemination plans of our research.

RESULTS

We obtained a sample size of 70,431 PWE with 11,241 who had a documented date of death within our time frame (Figure 1). We obtained cause of death for 7,405 people from ONS linked data. Age of patients ranged 18 to 105 with 50.8% male.

Number of deaths

The number of deaths recorded in the database increased between 2005 to 2013, from 821 to 1,386 which represents a 68.8% increase (Table 1). This increase was not attributed to more PWE being registered in the database as this decreased by 21.8% over the same period. The mean age of the participants within the database increased over time.

Table 1. Number of recorded deaths of PWE in the CPRD per full year within the study period.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Average age of									
adult PWE in the									
database, mean	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.2
(SD)	(18.5)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)
Number of PWE									
registered in the									
database	48,447	48,585	48,031	46,948	45,941	44,485	42,521	40,120	37,865
Number of									
recorded deaths	821	1,075	1,190	1,241	1,214	1,307	1,282	1,386	1,386
Number of deaths									
per 1000 PWE in									
the CPRD	16.9	22.1	24.8	26.4	26.4	29.4	30.1	34.5	36.6

Note: PWE defined as having an epilepsy diagnostic code and at least two prescriptions of AEDs, aged>17. Study period was from 1st April 2004 to 31st March 2014. Only data from full calendar years within this time frame were used for this table.

Cause of death

The main causes of death for PWE aged 18 to 64 years old were neoplasms (26.8%), diseases of the circulatory system (15.4%) and epilepsy (14.2%) (Table 2a). For PWE 65 years and over, the main causes of death were diseases of the circulatory system (37.3%), neoplasms (17.2%) and diseases of the respiratory system (15.6%) (Table 2b). Deaths due to epilepsy as a primary cause were documented in 2.7% of older PWE.

Table 2a. Documented main cause of death of people with epilepsy under 65 years

ICD-10 category	Under 65, n (%)
Neoplasms (C00-D48)	571(26.9)
Diseases of the circulatory system (100-199)	330 (15.6)
Epilepsy (G40-G41)	302 (14.2)
Diseases of the respiratory system (J00-J99)	176 (8.3)
Diseases of the nervous system (G00-G37, G43-G99), excluding epilepsy	164 (7.7)
Diseases of the digestive system (K00-KK93)	161 (7.6)
External causes of morbidity and mortality (V01-X59, X85-Y98)	129 (6.1)
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	70 (3.3)
Mental and behavioural disorders (F00-F99)	61 (2.9)
Endocrine, nutritional and metabolic diseases (E00-E90)	34 (1.6)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	29 (1.4)
External causes of morbidity and mortality (intentional) (X60-X84)	28 (1.3)
Diseases of the genitourinary system (N00-N99)	23 (1.1)
Certain infectious and parasitic diseases (A00-B99)	20 (0.9)

Diseases of the blood and blood-forming organs (D50-D89)	9 (0.4)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	9 (0.4)
Diseases of the skin and subcutaneous tissue (L00-L99)	4 (0.2)
Total	2,120 (100.0)

Table 2b. Documented main cause of death of people with epilepsy aged 65 and over

ICD-10 category	65 and over, n (%)
Diseases of the circulatory system (I00-I99)	1973 (37.3)
Neoplasms (C00-D48)	910 (17.2)
Diseases of the respiratory system (J00-J99)	827 (15.6)
Mental and behavioural disorders (F00-F99)	479 (9.1)
Diseases of the nervous system (G00-G37, G43-G99), excluding epilepsy	295 (5.6)
Diseases of the digestive system (K00-KK93)	173 (3.3)
Epilepsy (G40-G41)	142 (2.7)
Diseases of the genitourinary system (N00-N99)	130 (2.5)
External causes of morbidity and mortality (V01-X59, X85-Y98)	88 (1.7)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	86 (1.6)
Endocrine, nutritional and metabolic diseases (E00-E90)	67 (1.3)
Certain infectious and parasitic diseases (A00-B99)	46 (0.9)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	29 (0.5)
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15 (0.3)
Diseases of the skin and subcutaneous tissue (L00-L99)	13 (0.2)
Diseases of the blood and blood-forming organs (D50-D89)	8 (0.2)
External causes of morbidity and mortality (intentional) (X60-X84)	4 (0.1)
Total	5,285 (100.0)

We tabulated the number of deaths with epilepsy listed as a cause of death, either the main or a contributing cause (Table 3). In PWE under 35, almost 45% of deaths had epilepsy as a contributary cause (35.1% to 53.3%, with a mean of 44.2%) (Table 3). The trends are similar between sexes under 35 and over 65. However, they differ in middle-age. At the 40-44 age group, epilepsy-contributing deaths were 2-fold higher in male compared to female PWE.

Table 3. Epilepsy documented as a contributing cause of death by age group

		Male	Female		
Age group	All cause deaths, n	Deaths with epilepsy as contributing cause, n (%) [95% Confidence Interval]	All cause deaths, n	Deaths with epilepsy as contributing cause, n (%) [95% Confidence Interval]	
18-19	15	8 (53.3) [28.1 – 78.6]	8	3 (37.5) [4.0 – 71.0]	
20-24	37	17 (45.9) [29.9 – 62.0]	29	13 (44.8) [26.7 – 62.9]	
25-29	45	22 (48.9) [34.3 – 63.5]	37	17 (45.9) [29.9 – 62.0]	
30-34	64	27 (42.2) [30.1 – 54.3]	37	13 (35.1) [19.8 – 50.5]	
35-39	81	19 (23.5) [14.2 – 32.7]	62	17 (27.4) [16.3 – 38.5]	
40-44	135	44 (32.6) [24.7 – 40.5]	75	12 (16.0) [7.7 – 24.3]	

45-49	157	42 (26.8) [19.8 – 33.7]	104	18 (17.3) [10.0 – 24.6]
50-54	213	58 (27.2) [21.3 – 33.2]	114	19 (16.7) [9.8 – 23.5]
55-59	238	44 (18.5) [13.6 – 23.4] 165 23 (13.9)		23 (13.9) [8.7 – 19.2]
60-64	291	63 (21.6) [16.9 – 26.4]	213	36 (16.9) [11.9 – 21.9]
65-69	323	42 (13.0) [9.3 – 16.7] 266 38 (14.3)		38 (14.3) [10.1 – 18.5]
70-74	442	60 (13.6) [10.4 – 16.8] 295 34 (11.5) [34 (11.5) [7.9 – 15.2]
75-79	475	44 (9.3) [6.7 – 11.9]	444	57 (12.8) [9.7 – 15.9]
80-84	517	53 (10.3) [7.6 – 12.9]	578	68 (11.8) [9.1 – 14.4]
85-89	485	54 (11.1) [8.3 – 13.9]	623	62 (10.0) [7.6 – 12.3]
90-105	290	22 (7.6) [4.5 – 10.6]	547	65 (11.9) [9.2 – 14.6]

To explore whether there were changes in the causes of death over time, we tabulated the main cause of death by year (Supplementary File 1, Table S2). Diseases of the circulatory system were consistently listed as the highest main cause of death for each year. The proportion of deaths due to mental and behavioural disorders doubled from 2011 onwards (mean percentage for 2005 to 2010: 5.05%, mean percentage for 2011 to 2013: 10.7%). The proportion of deaths attributed to epilepsy as the primary cause remained relatively stable throughout (6.3% for 2005 to 5.2% for 2013), although the number of deaths this represented increased (33 in 2005 to 51 to 2013).

Risk factors

Risk factors included in the model, frequencies and associated ORs are presented in Table 4. Attendance at emergency departments in the previous 12 months was associated with the highest risk (OR: 3.48 CI: 3.19 - 3.80). Compared to being prescribed one AED, prescription of two or more AEDs was associated with an elevated risk of death (2 AEDs: OR: 1.60 CI: 1.51 - 1.71; 3 AEDs: OR: 2.06 CI: 1.86 - 2.29; 4+ AEDs: OR: 2.62 CI: 2.23 - 3.08), while no AED prescription was associated with a lower risk (OR: 0.77 CI: 0.68 - 0.87) (Table 4). Other factors associated with an increased risk of mortality included experiencing status epilepticus within the past 12 months (OR: 2.78 CI: 1.64 - 4.71), depression (OR: 1.67 CI: 1.57 - 1.76), smoking (OR: 1.45 CI: 1.35 - 1.56), injury (OR: 1.54 CI: 1.43 - 1.67), and history of dementia (OR: 1.39 CI: 1.26 - 1.53) and stroke (OR: 1.07 CI: 1.01 - 1.14).

A lower risk of death was associated with seizure freedom in the previous 12 months (OR: 0.52 CI: 0.41 - 0.65).

We found an interaction between having an emergency department visit or emergency admission and injury (OR: 0.59 CI: 0.48 - 0.70).

As the cohort analysis of cause of death revealed epilepsy was a significant contributing factor of the cause of death in young PWE, we repeated the risk factor analysis for PWE aged under 35. Significant risk factors associated with risk of death included emergency department visit (OR: 3.90 CI: 2.44 - 6.23), number of AEDs (No AEDs: 0.42 CI 0.21 - 0.84, 2 AEDs: OR: 1.72 CI : 1.23 - 2.40; 3 AEDs OR: 2.37 CI : 1.52 - 3.67, 4+ AEDs: OR: 2.26 - 6.26), injury (OR: 2.26 - 6.26) and seizure freedom (OR: 2.26 - 6.26).

Table 4. Risk factors Increasing mortality in PWE

		All			Age < 35				
Factor	Group	Controls n (%)	Cases n (%)	Odds Ratio	95% Confidence interval	Controls n (%)	Cases n (%)	Odds Ratio	95% Confidence interval
Emergency department visit or emergency	no	25,712 (94.2)	7,469 (82.1)	reference		875 (95.9)	252 (82.9)	reference	
admission	yes	1,576 (5.8)	1,627 (17.9)	3.48	3.19 - 3.80	37 (4.1)	52 (17.1)	3.90	2.44 – 6.23
Number of AEDs	0	1,667 (6.1)	353 (3.9)	0.77	0.68 - 0.87	107 (11.7)	10 (3.3)	0.42	0.21 - 0.84
prescribed	1	18,768 (68.8)	5,233 (57.5)	reference		480 (52.6)	116 (38.2)	reference	
	2	5,196 (19.0)	2,453 (27.0)	1.60	1.51 - 1.71	196 (21.5)	86 (28.3)	1.72	1.23 - 2.40
	3	1,231 (4.5)	732 (8.0)	2.06	1.86 - 2.29	85 (9.3)	48 (15.8)	2.37	1.52 - 3.67
	4+	426 (1.6)	325 (3.6)	2.62	2.23 - 3.08	44 (4.8)	44 (14.5)	3.76	2.26 - 6.26
Status epilepticus	no	27,261 (99.9)	9,060 (99.6)	reference					
	yes	27 (0.1)	36 (0.4)	2.78	1.64 - 4.71				
Depression	no	21,790 (79.9)	6,158 (67.7)	reference					
·	yes	5,498 (20.1)	2,938 (32.3)	1.67	1.57 - 1.76				
Smoking status	Non-smoker	23,904 (87.6)	7,579 (83.3)	reference					
	Smoker	3,384 (12.4)	1,517 (16.7)	1.45	1.35 - 1.56				
Injury	no	24,347 (89.2)	7,579 (83.3)	reference		864 (94.7)	270 (88.8)	reference	
	yes	2,941 (10.8)	1,517 (16.7)	1.54	1.43 - 1.67	48 (5.3)	34 (11.2)	1.99	1.19 – 3.31
Dementia	no	25,698 (94.2)	8,328 (91.6)	reference					
	yes	1,590 (5.8)	768 (8.4)	1.39	1.26 - 1.53				
Stroke	no	21,699 (79.5)	6,960 (76.5)	reference					
	yes	5,589 (20.5)	2,136 (23.5)	1.07	1.01 - 1.14				
Age			1.15	1.11 - 1.19					
Seizure-free in previous	no	25,180 (92.3)	8,611 (94.7)	reference		895 (98.1)	303 (99.7)	reference	
12 months	yes	2,108 (7.7)	485 (5.3)	0.52	0.41 - 0.65	17 (1.9)	1 (0.3)	0.17	0.02 - 1.44
Interaction: emergency department/ admission x injury			0.59	0.48 - 0.70					

DISCUSSION

We examined the causes of death among PWE and risk factors associated with mortality in a group of PWE derived from primary care data. The number of PWE with recorded deaths increased throughout our 9-year study period while the deaths attributed to epilepsy remained stable. In our model, we found important factors associated with a higher risk of mortality, some of which could be identified and potentially ameliorated by step-up care.

There were differences in the proportion of deaths attributed to epilepsy between younger and older PWE. Studies have found deaths of younger PWE are more often attributed to epilepsy.²¹ ²² Indeed, epilepsy was the third highest main cause of death in younger PWE in our study, accounting for almost 15% of deaths. This increased to 35-50% when evaluating all contributing causes in age groups under 35. As younger PWE tend to have less co-morbidity than older adults, it may be simpler to attribute epilepsy as the main cause of death. New diagnoses of epilepsy in people over 65 are often secondary to cerebrovascular disease such as stroke or neoplasms in the brain.²³ In our study, dementia was found to increase the risk of death, which has been found to share biological links with epilepsy.²⁴ New onset epilepsy in older people tends to be better controlled with AEDs.²⁵ Thus, other co-morbidity may take precedence in older PWE when documenting the cause of death, as epilepsy contributed to only about 10% of deaths and was listed as a main cause in 3%.

Factors associated with increased risk of death

Our findings support evidence from previous studies. Factors associated with risk of mortality in epilepsy included: depression,⁵ ¹⁶ ²⁶ injuries,³ ⁵ ⁹ ¹⁶ ²⁷ dementia and stroke,¹³ ²⁸ age,¹³ and seizure freedom.³ ¹³ ¹⁵ ¹⁶ Novel findings include increased risk associated with emergency department visits and/or emergency admissions, prescription of more than one AED, and status epilepticus. Status epilepticus is a known cause of death,¹³ ²² ²⁹ however, to our knowledge, it has not been included within a risk model before.

For the younger PWE group, emergency visit or emergency admissions, number of AEDs and injury were associated with higher risk of death. While, like the wider-sample, seizure freedom was associated with a lower risk of death.

Clinical Implications

Epilepsy management

The need for better epilepsy management is at the core of our findings. Several risk factors are linked within this theme such as emergency department attendance, polypharmacy, injury, and seizure freedom.

Visits to emergency departments or emergency admissions were associated with a 3-fold increased risk of death, the highest risk in our model. Visits to emergency services are associated with having injuries,³⁰ experiencing a seizure or a change in normal seizure presentation,³¹ and having less confidence in self-management.³² Attendance at emergency departments for epilepsy could thus be considered a surrogate marker for poorer epilepsy control.³³ The National Audit of Seizure management in Hospitals (NASH), conducted during our study period in 2011 and 2013, found 63% of PWE presenting to emergency departments for seizures had not been seen by a specialist in the previous year.³⁴ Moreover only half of attendees were either seen by a neurologist on site or referred to one upon discharge.³⁴ These are missed opportunities to follow-up with patients who may be in need of clinical review and help with self-management, to mitigate their greater risk of death.

Areas for possible intervention

Regular medication review for people on multiple AEDs may be important as increased mortality risk was associated with two or more AEDs. Prescriptions of multiple AEDs may be an effect of having more refractory and harder to control epilepsy. However, polypharmacy may also result in more side-effects and different treatment schedules which could lead to more problems with medication adherence.³⁵

Depression has been reported in about 25% of PWE.^{36 37} In our study, we found 30% of cases and 20% of controls had either a diagnosis of depression or a prescription of anti-depressants. Depression and other psychiatric disorders have been found to be associated with worse quality of life³⁸ and affect self-management.³⁹ Many PWE have said they do not feel their mental health needs are being addressed and thus depression may be underassessed in this patient group.⁴⁰ As the proportion of deaths with psychiatric illness as a main cause increased 2-fold in our study period, psychiatric assessment and management should be provided for people with epilepsy.

Ultimately, the goal of better epilepsy management is seizure reduction or seizure freedom. Seizure freedom was associated with approximately a 50% reduced risk of mortality in our model. Previous findings showed seizure freedom conveyed similar mortality rates for PWE as those observed in the general population.¹⁵

Other factors

We explored lifestyle factors which may be associated with increased mortality and found smoking to be associated with a higher risk. Other findings may be less amenable to change, although some intervention may be helpful. For example, experiencing status epilepticus in the previous 12 months was associated with a higher risk of death. In epilepsy, it is most often associated with low blood levels of AEDs or alcohol misuse.⁴¹ Injury to the brain (trauma, hypoxia, anoxia), tumours, infections and stroke can also trigger status epilepticus and thus it may not be preventable.⁴¹

Strengths and limitations

The CPRD contains data collected from primary care which is vast and increased the generalisability of results as all participating UK practices were included. However, we relied on clinical data which has some limitations as compared to epidemiological studies. It is possible that a small number of cases might have been misclassified as having epilepsy but our case definitions of an epilepsy diagnostic code and AED prescription have been validated and used in previous studies. ¹⁶ ¹⁹ ⁴² Conversely, patients who presented to emergency departments or were managed only by hospital specialists might not have been included.

The quality of information in the CPRD is dependent on data entered by practice staff during consultations for clinical use, not for research purposes. Items not applicable for a patient may be left off, rather than recorded as such. In the case of diagnosis, there is no option for a GP to enter an absence of diagnosis. Missing data in routine primary care databases are not missing at random and thus statistical methods of dealing with missing data, such as multiple imputation, may not be appropriate.^{43 44} For this reason, we interpreted missing data as "no" or "no complication", however we recognise this may be a limitation for some factors. Other limitations include not knowing the cause of injuries or hospital attendance and thus they may be unrelated to epilepsy.

We defined the exposure variables based on previous studies, if available. ^{16 20 45} The CPRD information has been validated for long term-conditions, such as dementia and Alzheimer's disease, and for diagnoses made by hospital consultants. ⁴⁶ As GPs issue prescriptions via electronic systems, the CPRD "therapy data" has been found to be highly accurate for medication variables. ⁴⁷ However, we included

variables which may not have been previously validated such as injury and emergency department visit or emergency admission which is a limitation of this study. We explored other factors such as severe mental illness, self-injury, patient-level index of multiple deprivation, alcohol use, substance use, pregnancy and learning disability. These were found statistically not significant and not included in the final overall model or the under-35 model.

The time frame of our analysis corresponded to the period where epilepsy was part of the Quality and Outcomes Framework, a programme whereby GPs were contracted to record specific characteristics of their patients with epilepsy. All In particular, data on drug treatment, seizure frequency and seizure freedom were part of this programme. We hypothesized that this would lead to better quality data for epilepsy and strengthen the study. While the data collected may be more complete than years prior, GP practices were less successful in achieving targets for epilepsy compared to other conditions, some of which are more highly rewarded. Older data may contain outdated diagnoses of epilepsy which may not have been reconfirmed by today's standards, and if in remission, might not have been designated with an epilepsy resolved code. This could lead to missing epilepsy data. However, the strength of the CRPD is the vast data collected from the community setting compared to hospital databases or disease specific registers.

A limitation of our cohort study is the use of linked ONS data, which is only available for consenting individuals from England and Wales. Thus, data was not available for our whole cohort, and findings are not generalisable to Scotland and Northern Ireland. Death certificate data for epilepsy has often been found to be problematic. A 2002 audit of UK data found up to 40% of deaths were attributed to the wrong cause for PWE. Epilepsy tends to be underestimated as a cause of death and dismissed for other cardiovascular or respiratory explanations. Indeed, we found other diseases were listed as primary cause of death which may in fact have been epilepsy. The percentage of deaths with epilepsy as a main cause remained stable throughout our study, suggesting that practice may not have changed during this time.

Research Implications

Our initial risk factor model took into account PWE of all ages. However, as the main causes of death differ between younger and older PWE, risk factors may also be different. Thus, we repeated the analysis including PWE under the age of 35. Fewer of the variables were included in this model with the main differences being in lower ORs for having no AED prescription and being seizure free. The highest excess mortality due to epilepsy has been observed in younger people. This would benefit from more research aiming to identify specific risks in younger PWE, particularly as we found epilepsy contributed to close to 50% of deaths in some younger age groups. We also did not evaluate potential causes of epilepsy, such as whether stroke or tumours preceded an epilepsy diagnosis, and whether this would impact mortality. In addition, the analysis may benefit from being repeated with more recent data from the CPRD and ONS.

CONCLUSION

Several reports, including ours, have shown deaths in epilepsy continue to rise. Epilepsy is deemed a contributing cause of death particularly in young PWE, but less so in those over 65. While epilepsy in older people may be better controlled with AEDs, co-morbidity may mask the impact of epilepsy. We found certain factors are associated with risk of death such as emergency department attendance for epilepsy and admission, AED polytherapy, depression, and injuries. These could be addressed with clinical intervention and more information for self-management.

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AUTHOR CONTRIBUTIONS

GW conducted the study, statistical analysis, and write-up of manuscript. MG contributed to the study design, supported the statistical analysis, and write-up. MA contributed to the study design and write-up. MPR contributed to study design. LR contributed to the study design, interpretation, and write-up of findings.

COMPETING INTERESTS

The authors declare no competing interests.

DATA SHARING STATEMENT

This study uses data that is obtained from the CPRD. Requests for data must be approved via the CPRD's Research Data Governance process (formerly the Independent Scientific Advisory Committee).

ETHICS STATEMENT

This study was approved by the CPRD Independent Scientific Advisory Committee (protocol reference: 17_208R2).

Figure caption

Figure 1. Flowchart of participant selection

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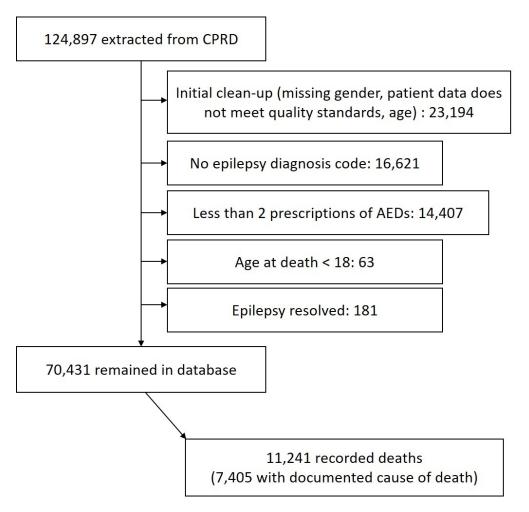


Figure 1. Flowchart of participant selection $173 \times 167 \text{mm} (150 \times 150 \text{ DPI})$

SUPPLEMENTAL FILE 1

Codes used to identify epilepsy in the CPRD

Table S1. Codes used to identify epilepsy in the CPRD

medcode	readcode	readterm	
573	F2500	Epilepsy	
85113	F250 A		
11186	F250.00	Generalised nonconvulsive epilepsy	
2907	F250000	Petit mal (minor) epilepsy	
1715	F250011	Epileptic absences	
24309	F250200	Epileptic seizures - atonic	
31830	F250300	Epileptic seizures - akinetic	
34792	F250500	Lennox-Gastaut syndrome	
		Other specified generalised nonconvulsive	
59185	F250y00	epilepsy	
44252	F250z00	Generalised nonconvulsive epilepsy NOS	
26144	F251.00	Generalised convulsive epilepsy	
95216	F2510		
988	F251000	Grand mal (major) epilepsy	
22804	F251011	Tonic-clonic epilepsy	
49340	F251111	Otohara syndrome	
18471	F251200	Epileptic seizures - clonic	
4801	F251300	Epileptic seizures - myoclonic	
5152	F251400	Epileptic seizures - tonic	
8187	F251500	Tonic-clonic epilepsy	
		Other specified generalised convulsive	
45927	F251y00	epilepsy	
40806	F251z00	Generalised convulsive epilepsy NOS	
9886	F252.00	Petit mal status	
5117	F253.00	Grand mal status	
4093	F253.11	Status epilepticus	
		Partial epilepsy with impairment of	
32288	F254.00	consciousness	
3175	F254000	Temporal lobe epilepsy	
23634	F254100	Psychomotor epilepsy	
36203	F254200	Psychosensory epilepsy	
55665	F254300	Limbic system epilepsy	
34079	F254400	Epileptic automatism	
11394	F254500	Complex partial epileptic seizure	
24625	F2F 4 . 2 2	Partial epilepsy with impairment of	
31920	F254z00	consciousness NOS	
26015	F255.00	Partial epilepsy without impairment of consciousness	
9569	F255.00	Jacksonian, focal or motor epilepsy	
		Focal epilepsy	
5525	F255011	,	
65699	F255012	Motor epilepsy	

48134	F255100	Sensory induced epilepsy
73542	F255300	Visceral reflex epilepsy
98870	F255311	Partial epilepsy with autonomic symptoms
55739	F255400	Visual reflex epilepsy
68946	F255500	Unilateral epilepsy
40105	F255600	Simple partial epileptic seizure
		Partial epilepsy without impairment of
26733	F255y00	consciousness OS
		Partial epilepsy without impairment of
27526	F255z00	consciousness NOS
71719	F257.00	Kojevnikov's epilepsy
30604	F25B.00	Alcohol-induced epilepsy
30816	F25C.00	Drug-induced epilepsy
56359	F25D.00	Menstrual epilepsy
65673	F25E.00	Stress-induced epilepsy
30635	F25F.00	Photosensitive epilepsy
106571	F25H.00	Generalised seizure
6271	F25X.00	Status epilepticus, unspecified
38307	F25y.00	Other forms of epilepsy
55260	F25y000	Cursive (running) epilepsy
53483	F25y100	Gelastic epilepsy
		Locl-rlt(foc)(part)idiop epilep&epilptic syn
9887	F25y200	seiz locl onset
25330	F25y300	Complex partial status epilepticus
96641	F25y500	Panayiotopoulos syndrome
9979	F25yz00	Other forms of epilepsy NOS
9747	F25z.00	Epilepsy NOS
3607	F25z.11	Fit (in known epileptic) NOS
		[X]Other generalized epilepsy and epileptic
99731	Fyu5000	syndromes
69831	Fyu5100	[X]Other epilepsy
59120	Fyu5200	[X]Other status epilepticus
71801	Fyu5900	[X]Status epilepticus, unspecified
4109	SC20000	Traumatic epilepsy
37644	F132100	Progressive myoclonic epilepsy

Definition of variables

Lists of Medcodes and corresponding Read codes used for each variable can be found in Supplemental file 2. An initial list of Read codes was created for each variable, either based on previous research or by searching specific words in a Read code browser. Medcodes were matched to the Read code list using the CPRD Medical Dictionary. An additional search of the Medcodes was conducted to ensure all appropriate codes were used. Medcodes were used during the analysis in STATA as these are numeric codes. For variables using medication data, lists of prodcodes were generated by searching the CPRD product code list, which lists prodcodes against British National Formulary (BNF) information.

• Age: For cases: age = year of death – year of birth. For matched controls: age = year of death of the matched case – year of birth.

For epilepsy related factors (ie. Relating to seizures and treatment) and lifestyle factors, data from the CPRD was used from the date of death of the matched case up to 12 months prior. These variables are listed below:

- Emergency department visit or emergency admission: Emergency admissions or visits to emergency centres were identified from "Clinical data" from CPRD. These included keywords: seen by emergency clinician, in accident and emergency, emergency admission. A full list is available in Supplemental File 2.
- Number of antiepileptic drugs (AEDs): Number of different types of AEDs prescribed in 12 months were grouped into categories: 0, 1, 2, 3 and "4 or more". Product codes ("Prodcode") were used from "Therapy data" to identify AEDs in the CPRD. A full list of Prodcodes and corresponding definitions is available in Supplemental File 2.
- Status epilepticus: recorded status epilepticus code in previous 12 months (medcode: 4093; readcode: F253.11) clinical CPRD data.¹
- Depression: the variable was coded as either a documented diagnostic medcode related to
 "depression" from "Clinical data" or a prescription of antidepressants from "Therapy data"
 in the previous 12 months. Antidepressants were identified through their product codes
 (prodcode) from therapy data. A list of medcodes for depression and prodcodes for
 antidepressants can be found in Supplemental File 2.
- Smoking status: Data was coded from medcodes related to smoking or smoking cessation interventions from "Clinical data" and overall smoking status if available in the CPRD "Additional Files". For any patients that did not have a smoking status recording in the 12-month data period, the last known recording from clinical data was used, as previously described by Booth et al.² The list of medcodes and readcodes used to identify smoking status can be found in Supplemental File 2.
- Injury: any injury documented in "Clinical data" was used. A list of medcodes from clinical CPRD data included: injuries, fractures, dislocations, burns, bruising, contusions, lacerations, abrasions, concussions and wounds. A full list of medcodes and corresponding Read codes can be found in Supplemental File 2.
- **Seizure freedom**: recoded seizure freedom for > 12 months (medcode: 11015; readcode: 667F.00) in "Clinical data" from CPRD.¹

For co-morbidity, data coded for patient's lifetime (within start and end dates with acceptable quality data recording):

• **Dementia**: code list included any medcodes for "dementia" and "Alzheimer's" in patient history from "Clinical data" in the CPRD. The list of medcodes and corresponding Read codes can be found in Supplemental File 2.

• **Stroke**: code list included stroke, cerebral ischemia/arterial occlusion/haemorrhage/infarction. embolism in patient history from "Clinical data" in the CPRD. The list of medcodes and corresponding Read codes can be found in Supplemental File 2.



Table S2. Main cause of death of PWE registered in the CPRD between 2005 – 2013 by year

ICD-10 category (ICD-10 code)	2005 (%)	2006 (%)	2007 (%)	2008 (%)	2009 (%)	2010 (%)	2011 (%)	2012 (%)	2013 (%)
Epilepsy (G40-G41)	6.3	6.3	5.9	6.1	5.7	6.2	5.2	7.1	5.2
Certain infectious and parasitic diseases (A00-B99)	1.0	1.6	1.1	1.0	0.7	0.9	0.5	1.2	0.5
Neoplasms (C00-D48)	20.9	19.4	17.6	19.6	19.0	18.1	21.8	21.4	20.9
Diseases of the blood and blood-forming organs (D50-D89)	0.6	0.0	0.4	0.3	0.1	0.0	0.2	0.3	0.3
Endocrine, nutritional and metabolic diseases (E00-E90)	1.5	1.7	1.7	1.1	1.6	1.7	1.1	1.0	1.1
Mental and behavioural disorders (F00-F99)	4.6	3.8	5.8	5.0	6.6	4.5	10.7	10.9	10.5
Diseases of the nervous system (G00-G37, G43-G99)	4.6	5.1	5.1	6.0	7.5	5.5	7.3	5.6	7.2
Diseases of the circulatory system (100-199)	33.8	35.1	34.0	34.0	31.3	33.1	28.3	26.8	28.1
Diseases of the respiratory system (J00-J99)	12.9	16.3	14.7	13.6	13.0	14.5	12.6	12.7	12.5
Diseases of the digestive system (K00-KK93)	3.8	3.3	4.3	4.6	4.1	4.8	4.9	4.9	5.0
Diseases of the skin and subcutaneous tissue (L00-L99)	0.0	0.1	0.5	0.3	0.4	0.3	0.1	0.0	0.1
Diseases of the musculoskeletal system and connective tissue (M00-M99)	0.4	0.0	0.8	0.3	1.2	0.2	0.7	0.4	0.8
Diseases of the genitourinary system (N00-N99)	2.9	2.5	2.4	1.8	2.8	3.1	0.7	2.1	1.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1.5	1.5	1.1	1.5	1.6	0.9	0.8	0.8	1.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1.5	1.3	1.8	1.7	1.0	2.3	1.7	1.8	1.0
External causes of morbidity and mortality (V01-X59, X85-Y98)	3.3	1.6	2.6	2.8	3.1	3.1	3.2	2.6	3.5
External causes of morbidity and mortality (intentional) (X60-X84)	0.4	0.4	0.1	0.4	0.4	0.8	0.2	0.3	1.0
Total (n)	521	687	761	785	836	874	886	956	987

References

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- 2. Booth HP, Prevost AT, Gulliford MC. Validity of smoking prevalence estimates from primary care electronic health records compared with national population survey data for England, 2007 to 2011. *Pharmacoepidemiol Drug Saf* 2013;22(12):1357-61. doi: 10.1002/pds.3537



medcode readcode 33707 E00..00 1916 E00..11 1350 E00..12 7323 E000.00 15165 E001.00 42602 E001000 49513 E001100 30032 E001200 27677 E001300 38438 E001z00 44674 E002.00 18386 E002000 21887 E002100 41089 E002z00 37015 E003.00 7664 Eu00.00 49263 Eu00000 25704 Eu00011 60059 Eu00012 61528 Eu00013 38678 Eu00100 46762 Eu00111 11379 Eu00112 43346 Eu00113 30706 Eu00200 29386 Eu00z00 4693 Eu02z00 48501 Eu02z11 4357 Eu02z14 104155 1JA2.00 1917 F110.00 16797 F110000

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readterm Cerebral infarct due to thrombosis of precerebral arteries Cerebral infarction due to embolism of precerebral arteries Precerebral artery occlusion NOS Cerebral arterial occlusion CVA - cerebral artery occlusion Infarction - cerebral Stroke due to cerebral arterial occlusion Cerebral thrombosis Cerebral infarction due to thrombosis of cerebral arteries Cerebral embolism Cerebral embolus Cerebral infarction due to embolism of cerebral arteries Cerebral infarction NOS **Brainstem infarction NOS** Cerebellar infarction Brainstem infarction Subendocardial ischaemia Transient cerebral ischaemia Transient cerebral ischaemia NOS Transient cerebral ischaemia NOS Intermittent cerebral ischaemia Chronic cerebral ischaemia H/O: Stroke in last year Suspected stroke H/O: stroke Stroke unspecified Stroke due to intracerebral haemorrhage Left sided cerebral infarction Right sided cerebral infarction Infarction of basal ganglia Transient ischaemic attack Other transient cerebral ischaemia Stroke and cerebrovascular accident unspecified CVA unspecified CVA - Cerebrovascular accident unspecified Brain stem stroke syndrome Cerebellar stroke syndrome Left sided CVA Right sided CVA Seguelae of cerebral infarction Sequelae of subarachnoid haemorrhage

Sequelae of cerebral infarction
Sequelae of subarachnoid haemorrhage
Sequelae of intracerebral haemorrhage
Sequelae of other nontraumatic intracranial haemorrhage
Sequelae/other + unspecified cerebrovascular diseases
Sequelae of stroke,not specfd as h'morrhage or infarction
Cereb infarct due unsp occlus/stenos precerebr arteries
Cerebrl infarctn due/unspcf occlusn or sten/cerebrl artrs
Infarction - precerebral

Cerebrovascular disease

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Subarachnoid haemorrhage Ruptured berry aneurysm Subarachnoid haemorrhage from carotid siphon and bifurcation Subarachnoid haemorrhage from middle cerebral artery Subarachnoid haemorrhage from anterior communicating artery Subarachnoid haemorrhage from posterior communicating artery Subarachnoid haemorrhage from basilar artery Subarachnoid haemorrhage from vertebral artery Subarachnoid haemorrh from intracranial artery, unspecif Subarachnoid haemorrhage NOS Intracerebral haemorrhage CVA - cerebrovascular accid due to intracerebral haemorrhage Cortical haemorrhage Internal capsule haemorrhage Basal nucleus haemorrhage Cerebellar haemorrhage Pontine haemorrhage Bulbar haemorrhage External capsule haemorrhage Intracerebral haemorrhage, intraventricular Intracerebral haemorrhage, multiple localized Lobar cerebral haemorrhage Intracerebral haemorrhage in hemisphere, unspecified Left sided intracerebral haemorrhage, unspecified Right sided intracerebral haemorrhage, unspecified Intracerebral haemorrhage NOS Other and unspecified intracranial haemorrhage Extradural haemorrhage - nontraumatic Subdural haemorrhage - nontraumatic Subdural haematoma - nontraumatic Subdural haemorrhage NOS Intracranial haemorrhage NOS

edcode	readcode	readterm
16632	E291.00	Prolonged depressive reaction
15099	E113.00	Recurrent major depressive episode
10610	E112.00	Single major depressive episode
11717	Eu32000	[X]Mild depressive episode
15219	E112300	Single major depressive episode, severe, without psychosis
10438	1B1U.11	Depressive symptoms
6546	E112.12	Endogenous depression first episode
595	E112.14	Endogenous depression
14709	E113200	Recurrent major depressive episodes, moderate
6950	E112.13	Endogenous depression first episode
6932	E113.11	Endogenous depression - recurrent
9667	Eu32200	[X]Severe depressive episode without psychotic symptoms
5879	E112.11	Agitated depression
4323	E2B1.00	Chronic depression
11913	Eu41200	[X]Mixed anxiety and depressive disorder
1908	2257	O/E - depressed
1131	E204.00	Neurotic depression reactive type
34390	E112000	Single major depressive episode, unspecified
543	Eu32z11	[X]Depression NOS
25697	E113300	Recurrent major depressive episodes, severe, no psychosis
2716	1465	H/O: depression
16506	E112100	Single major depressive episode, mild
7011	E112z00	Single major depressive episode NOS
9211	Eu32100	[X]Moderate depressive episode
6482	E113700	Recurrent depression
655	E200300	Anxiety with depression
25563	E113z00	Recurrent major depressive episode NOS
8851	Eu33.11	[X]Recurrent episodes of depressive reaction
29342	E113100	Recurrent major depressive episodes, mild
324	E2B00	Depressive disorder NEC
15155	E112200	Single major depressive episode, moderate
1055	E135.00	Agitated depression
10290	Eu34112	[X]Depressive personality disorder
36246	E290z00	Brief depressive reaction NOS
35671	E113000	Recurrent major depressive episodes, unspecified
107657	115X.00	No history of depression

prodcode productname 40295 Valdoxan 25mg tablets (Servier Laboratories Ltd) 40494 Agomelatine 25mg tablets 182 Tryptizol 10mg/ml Injection (Merck Sharp & Dohme Ltd) 19779 Amitriptyline 10mg/ml injection 34503 Amitriptyline 25mg tablets (IVAX Pharmaceuticals UK Ltd) 45233 Amitriptyline 10mg tablets (IVAX Pharmaceuticals UK Ltd) 46970 Amitriptyline 50mg tablets (IVAX Pharmaceuticals UK Ltd) 65439 Amitriptyline 25mg tablets (Sandoz Ltd) 2525 Amitriptyline 75mg modified-release capsules 3777 Amitriptyline 10mg/5ml sugar free oral solution 7751 Tryptizol 25mg Tablet (Merck Sharp & Dohme Ltd) 8332 Tryptizol 50mg Tablet (Merck Sharp & Dohme Ltd) 8726 Tryptizol 10mg Tablet (Merck Sharp & Dohme Ltd) 8831 Tryptizol mr 75mg Modified-release capsule (Merck Sharp & Dohme Ltd) 8878 Tryptizol 10mg/5ml sugar free Oral solution (Merck Sharp and Dohme Ltd) 20026 Domical 25mg Tablet (Berk Pharmaceuticals Ltd) 22070 Amitriptyline 10mg/5ml Oral solution (Rosemont Pharmaceuticals Ltd) 24680 Elavil 10mg Tablet (DDSA Pharmaceuticals Ltd) 26213 Domical 10mg Tablet (Berk Pharmaceuticals Ltd) 27008 Domical 50mg Tablet (Berk Pharmaceuticals Ltd) 32439 Amitriptyline 25mg Tablet (Sussex Pharmaceutical Ltd) 34197 Amitriptyline 25mg Tablet (Berk Pharmaceuticals Ltd) 34474 Amitriptyline 25mg Tablet (Regent Laboratories Ltd) 34916 Amitriptyline 10mg Tablet (Berk Pharmaceuticals Ltd) 40396 Amitriptyline 50mg Tablet (Berk Pharmaceuticals Ltd) 41729 Amitriptyline 25mg Tablet (Celltech Pharma Europe Ltd) 42394 Amitriptyline 25mg Tablet (Crosspharma Ltd) 45242 Amitriptyline 10mg Tablet (Sussex Pharmaceutical Ltd) 48065 Amitriptyline oral solution 49 Amitriptyline 25mg tablets 83 Amitriptyline 10mg tablets 1888 Amitriptyline 50mg tablets 4690 Amitriptyline 50mg/5ml oral solution sugar free 6312 Amitriptyline 25mg/5ml oral solution sugar free 24134 Amitriptyline 25mg tablets (Kent Pharmaceuticals Ltd) 24141 Amitriptyline 10mg tablets (Actavis UK Ltd) 24145 Amitriptyline 25mg tablets (Actavis UK Ltd) 24147 Amitriptyline 25mg tablets (Teva UK Ltd) 24152 Amitriptyline 10mg tablets (Teva UK Ltd) 33090 Amitriptyline 10mg tablets (A A H Pharmaceuticals Ltd) 33624 Amitriptyline 50mg tablets (Teva UK Ltd) 34107 Amitriptyline 50mg tablets (Wockhardt UK Ltd) 34129 Amitriptyline 25mg tablets (Wockhardt UK Ltd) 34182 Amitriptyline 50mg tablets (Kent Pharmaceuticals Ltd) 34224 Amitriptyline 25mg/5ml oral solution sugar free (Rosemont Pharmaceuticals Ltd) 34251 Amitriptyline 50mg/5ml oral solution sugar free (Rosemont Pharmaceuticals Ltd) 34274 Amitriptyline 50mg tablets (A A H Pharmaceuticals Ltd) 34401 Amitriptyline 10mg tablets (Wockhardt UK Ltd) 34634 Amitriptyline 50mg tablets (Actavis UK Ltd)

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2880 Fluvoxamine 50mg tablets

2897 Faverin 50mg tablets (BGP Products Ltd)

12123 Faverin 100mg tablets (BGP Products Ltd)

43518 Fluvoxamine 100mg tablets (IVAX Pharmaceuticals UK Ltd) 44861 Fluvoxamine 100mg tablets (Actavis UK Ltd) 48045 Fluvoxamine 100mg tablets (A A H Pharmaceuticals Ltd) 7910 Tofranil 25mg tablets (Novartis Pharmaceuticals UK Ltd) 2579 Tofranil 10mg Tablet (Novartis Pharmaceuticals UK Ltd) 33074 Praminil 10mg Tablet (DDSA Pharmaceuticals Ltd) 34872 Imipramine 25mg Tablet (C P Pharmaceuticals Ltd) 1310 Imipramine 10mg tablets 1809 Imipramine 25mg tablets 32863 Imipramine 10mg tablets (Teva UK Ltd) 34222 Imipramine 10mg tablets (Actavis UK Ltd) 34355 Imipramine 25mg tablets (Actavis UK Ltd) 34813 Imipramine 25mg tablets (A A H Pharmaceuticals Ltd) 41408 Imipramine 25mg tablets (Teva UK Ltd) 41681 Imipramine 10mg tablets (A A H Pharmaceuticals Ltd) 42247 Imipramine 25mg/5ml oral solution sugar free 56501 Tofranil 25mg tablets (Lexon (UK) Ltd) 24700 Prondol 15mg Tablet (Wyeth Pharmaceuticals) 27476 Iprindole hc 15mg 27733 Iprindole hc 30mg 31672 Prondol 30mg Tablet (Wyeth Pharmaceuticals) 114 Lofepramine 70mg tablets 2093 Gamanil 70mg tablets (Merck Serono Ltd) 4218 Lofepramine 70mg/5ml oral suspension sugar free 25444 Lomont 70mg/5ml oral suspension (Rosemont Pharmaceuticals Ltd) 34046 Lofepramine 70mg tablets (A A H Pharmaceuticals Ltd) 34578 Lofepramine 70mg tablets (IVAX Pharmaceuticals UK Ltd) 34672 Lofepramine 70mg tablets (Sterwin Medicines) 34950 Lofepramine 70mg tablets (Actavis UK Ltd) 41627 Lofepramine 70mg Tablet (Teva UK Ltd) 43534 Lofepramine 70mg/5ml Oral suspension (Rosemont Pharmaceuticals Ltd) 56229 Lofepramine 70mg/5ml oral solution 56703 Lofepramine 70mg tablets (Sandoz Ltd) 58450 Feprapax 70mg tablets (Ashbourne Pharmaceuticals Ltd) 60591 Lofepramine 70mg tablets (Teva UK Ltd) 66100 Lofepramine 70mg tablets (DE Pharmaceuticals) 3083 Mianserin 10mg tablets 6255 Mianserin 30mg tablets 7468 Bolvidon 10mg Tablet (Organon Laboratories Ltd) 8144 Bolvidon 20mg Tablet (Organon Laboratories Ltd) 8585 Bolvidon 30mg Tablet (Organon Laboratories Ltd) 11956 Norval 20mg Tablet (Bencard) 12192 Norval 30mg Tablet (Bencard) 12368 Norval 10mg Tablet (Bencard) 47363 Mianserin 20mg Tablet (Berk Pharmaceuticals Ltd) 742 Mirtazapine 30mg tablets 4726 Zispin 30mg tablets (Organon Laboratories Ltd) 6421 Mirtazapine 15mg orodispersible tablets 6481 Mirtazapine 45mg orodispersible tablets 6488 Mirtazapine 30mg orodispersible tablets

6795 Mirtazapine 15mg tablets 6846 Zispin SolTab 15mg orodispersible tablets (Merck Sharp & Dohme Ltd) 6854 Mirtazapine 45mg tablets 10083 Zispin SolTab 30mg orodispersible tablets (Merck Sharp & Dohme Ltd) 15268 Zispin SolTab 45mg orodispersible tablets (Merck Sharp & Dohme Ltd) 16154 Mirtazapine 15mg/ml oral solution sugar free 33337 Mirtazapine 45mg tablets (A A H Pharmaceuticals Ltd) 40160 Mirtazapine 30mg tablets (Actavis UK Ltd) 43234 Mirtazapine 45mg orodispersible tablets (Teva UK Ltd) 43235 Mirtazapine 45mg orodispersible tablets (A A H Pharmaceuticals Ltd) 43236 Mirtazapine 45mg orodispersible tablets (Actavis UK Ltd) 43237 Mirtazapine 15mg orodispersible tablets (Teva UK Ltd) 43239 Mirtazapine 15mg tablets (A A H Pharmaceuticals Ltd) 43241 Mirtazapine 15mg orodispersible tablets (Aurobindo Pharma Ltd) 43242 Mirtazapine 15mg tablets (Genus Pharmaceuticals Ltd) 43246 Mirtazapine 15mg orodispersible tablets (Genus Pharmaceuticals Ltd) 43247 Mirtazapine 45mg orodispersible tablets (Genus Pharmaceuticals Ltd) 43248 Mirtazapine 15mg orodispersible tablets (Focus Pharmaceuticals Ltd) 43250 Mirtazapine 30mg orodispersible tablets (A A H Pharmaceuticals Ltd) 43253 Mirtazapine 15mg orodispersible tablets (A A H Pharmaceuticals Ltd) 43256 Mirtazapine 45mg orodispersible tablets (Focus Pharmaceuticals Ltd) 43257 Mirtazapine 15mg tablets (Teva UK Ltd) 46668 Mirtazapine 15mg tablets (Arrow Generics Ltd) 47945 Mirtazapine 30mg tablets (A A H Pharmaceuticals Ltd) 47966 Mirtazapine 15mg/ml oral solution sugar free (Rosemont Pharmaceuticals Ltd) 50892 Zispin SolTab 15mg orodispersible tablets (Necessity Supplies Ltd) 53321 Mirtazapine 15mg/ml oral solution sugar free (A A H Pharmaceuticals Ltd) 53543 Zispin SolTab 30mg orodispersible tablets (Necessity Supplies Ltd) 53648 Mirtazapine 30mg orodispersible tablets (Actavis UK Ltd) 53699 Mirtazapine 15mg tablets (Actavis UK Ltd) 54342 Mirtazapine 15mg tablets (Medreich Plc) 54644 Mirtazapine 15mg tablets (Pfizer Ltd) 54792 Mirtazapine 30mg tablets (Alliance Healthcare (Distribution) Ltd) 55482 Mirtazapine 15mg orodispersible tablets (Mylan Ltd) 56209 Mirtazapine 30mg tablets (Phoenix Healthcare Distribution Ltd) 58291 Mirtazapine 15mg orodispersible tablets (Pfizer Ltd) 58625 Mirtazapine 45mg tablets (Actavis UK Ltd) 59694 Mirtazapine 30mg orodispersible tablets (Phoenix Healthcare Distribution Ltd) 59953 Mirtazapine 15mg tablets (Almus Pharmaceuticals Ltd) 59954 Mirtazapine 45mg tablets (Almus Pharmaceuticals Ltd) 60370 Zispin SolTab 15mg orodispersible tablets (Mawdsley-Brooks & Company Ltd) 60538 Mirtazapine 30mg tablets (DE Pharmaceuticals) 61547 Mirtazapine 15mg/ml oral solution sugar free (DE Pharmaceuticals) 61856 Mirtazapine 15mg orodispersible tablets (Consilient Health Ltd) 63403 Mirtazapine 30mg tablets (Teva UK Ltd) 64101 Mirtazapine 15mg orodispersible tablets (Actavis UK Ltd) 64139 Mirtazapine 45mg orodispersible tablets (Mylan Ltd) 64223 Mirtazapine 45mg tablets (Teva UK Ltd) 65555 Mirtazapine 15mg orodispersible tablets (Sigma Pharmaceuticals Plc)

66183 Mirtazapine 15mg tablets (Alliance Healthcare (Distribution) Ltd)

66580 Mirtazapine 15mg orodispersible tablets (Bluefish Pharmaceuticals AB) 9534 Nefazodone Starter pack 3391 Dutonin 100mg tablets (Bristol-Myers Squibb Pharmaceuticals Ltd) 4011 Nefazodone 200mg tablets 4297 Dutonin 200mg tablets (Bristol-Myers Squibb Pharmaceuticals Ltd) 4554 Nefazodone 100mg tablets 3183 Nortriptyline 10mg tablets 7677 Allegron 10mg tablets (King Pharmaceuticals Ltd) 8640 Allegron 25mg tablets (King Pharmaceuticals Ltd) 4118 Nortriptyline 10mg Capsule 7678 Nortriptyline 25mg Capsule 12353 Aventyl 25mg Capsule (Eli Lilly and Company Ltd) 12549 Aventyl 10mg/5ml Liquid (Eli Lilly and Company Ltd) 17183 Aventyl 10mg Capsule (Eli Lilly and Company Ltd) 39145 Nortriptyline 10mg/5ml Liquid 3903 Nortriptyline 25mg tablets 48216 Nortriptyline 25mg tablets (A A H Pharmaceuticals Ltd) 55970 Nortriptyline 10mg tablets (King Pharmaceuticals Ltd) 63276 Nortriptyline 25mg tablets (Alliance Healthcare (Distribution) Ltd) 65237 Nortriptyline 10mg tablets (A A H Pharmaceuticals Ltd) 66201 Nortriptyline 25mg tablets (Sigma Pharmaceuticals Plc) 20571 Fluphenazine with nortriptyline 500microgramswith10mg Tablet 50 Paroxetine 20mg tablets 527 Paroxetine 10mg/5ml oral suspension sugar free 841 Seroxat 20mg tablets (GlaxoSmithKline UK Ltd) 1397 Paroxetine 30mg tablets 1575 Seroxat 30mg tablets (GlaxoSmithKline UK Ltd) 3601 Seroxat 20mg/10ml liquid (GlaxoSmithKline UK Ltd) 32899 Paroxetine 20mg tablets (Actavis UK Ltd) 33978 Paroxetine 20mg tablets (Mylan Ltd) 34351 Paroxetine 20mg tablets (IVAX Pharmaceuticals UK Ltd) 34419 Paroxetine 20mg tablets (A A H Pharmaceuticals Ltd) 34587 Paroxetine 30mg tablets (A A H Pharmaceuticals Ltd) 35021 Paroxetine 10mg tablets 35112 Seroxat 10mg tablets (GlaxoSmithKline UK Ltd) 40165 Paroxetine 30mg tablets (Actavis UK Ltd) 40892 Paroxetine 20mg tablets (Genus Pharmaceuticals Ltd) 55023 Paroxetine 20mg tablets (Medreich Plc) 55537 Seroxat 30mg tablets (Lexon (UK) Ltd) 59288 Paroxetine 10mg tablets (Actavis UK Ltd) 64785 Paroxetine 30mg tablets (Alliance Healthcare (Distribution) Ltd) 66292 Seroxat 10mg tablets (Waymade Healthcare Plc) 63069 Rewisca 75mg capsules (Consilient Health Ltd) 63088 Rewisca 50mg capsules (Consilient Health Ltd) 63089 Rewisca 300mg capsules (Consilient Health Ltd) 63090 Rewisca 150mg capsules (Consilient Health Ltd) 63091 Rewisca 100mg capsules (Consilient Health Ltd) 63174 Rewisca 200mg capsules (Consilient Health Ltd)

63300 Rewisca 25mg capsules (Consilient Health Ltd)

63317 Rewisca 225mg capsules (Consilient Health Ltd)

63877 Pregabalin 50mg capsules (A A H Pharmaceuticals Ltd) 63964 Alzain 25mg capsules (Dr Reddy's Laboratories (UK) Ltd) 63965 Alzain 100mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64005 Pregabalin 100mg capsules (A A H Pharmaceuticals Ltd) 64037 Alzain 300mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64038 Alzain 225mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64039 Alzain 150mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64040 Alzain 75mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64041 Alzain 50mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64042 Alzain 200mg capsules (Dr Reddy's Laboratories (UK) Ltd) 65069 Pregabalin 75mg capsules (Teva UK Ltd) 65073 Pregabalin 25mg capsules (Teva UK Ltd) 65218 Lecaent 50mg capsules (Actavis UK Ltd) 790 Pregabalin 25mg capsules 819 Pregabalin 75mg capsules 6631 Pregabalin 150mg capsules 6936 Pregabalin 50mg capsules 6949 Pregabalin 200mg capsules 6999 Pregabalin 100mg capsules 7005 Pregabalin 300mg capsules 37801 Pregabalin 225mg capsules 55972 Pregabalin 150mg/5ml oral solution 60543 Pregabalin 75mg/5ml oral solution 64285 Pregabalin 150mg/5ml oral suspension 65606 Pregabalin 50mg capsules (Accord Healthcare Ltd) 65787 Pregabalin 50mg capsules (Sandoz Ltd) 66509 Pregabalin 75mg capsules (Zentiva) 6584 Lyrica 75mg capsules (Pfizer Ltd) 7208 Lyrica 100mg capsules (Pfizer Ltd) 7209 Lyrica 50mg capsules (Pfizer Ltd) 7394 Lyrica 200mg capsules (Pfizer Ltd) 10189 Lyrica 300mg capsules (Pfizer Ltd) 16509 Lyrica 150mg capsules (Pfizer Ltd) 16542 Lyrica 25mg capsules (Pfizer Ltd) 38293 Lyrica 225mg capsules (Pfizer Ltd) 48253 Lyrica 150mg capsules (Lexon (UK) Ltd) 52547 Lyrica 50mg capsules (Waymade Healthcare Plc) 64497 Lyrica 75mg capsules (Waymade Healthcare Plc) 64568 Lyrica 150mg capsules (Sigma Pharmaceuticals Plc) 65863 Lyrica 75mg capsules (Stephar (U.K.) Ltd) 60929 Protriptyline 5mg tablets 7755 Concordin 10 Tablet (Merck Sharp & Dohme Ltd) 7756 Protriptyline 5mg tablet 7816 Concordin 5 Tablet (Merck Sharp & Dohme Ltd) 11187 Protriptyline 10mg tablet 2356 Reboxetine 4mg tablets 15163 Edronax 4mg tablets (Pfizer Ltd) 65771 Sertraline 200mg/5ml oral suspension (Special Order)

488 Sertraline 50mg tablets

727 Sertraline 100mg tablets

1612 Lustral 50mg tablets (Pfizer Ltd) 4352 Lustral 100mg tablets (Pfizer Ltd) 7328 Sertraline 50mg/5ml oral suspension 32401 Sertraline 50mg tablets (A A H Pharmaceuticals Ltd) 42387 Sertraline 50mg tablets (Actavis UK Ltd) 44944 Sertraline 100mg tablets (Teva UK Ltd) 45915 Sertraline 50mg tablets (Almus Pharmaceuticals Ltd) 49519 Sertraline 100mg/5ml oral suspension 54826 Sertraline 150mg/5ml oral suspension 54933 Sertraline 100mg tablets (PLIVA Pharma Ltd) 55146 Sertraline 100mg tablets (A A H Pharmaceuticals Ltd) 55488 Sertraline 50mg tablets (Teva UK Ltd) 58664 Sertraline 50mg tablets (Mylan Ltd) 58723 Sertraline 50mg tablets (Accord Healthcare Ltd) 59600 Sertraline 100mg tablets (Almus Pharmaceuticals Ltd) 61503 Sertraline 100mg tablets (Actavis UK Ltd) 62692 Sertraline 100mg tablets (Bristol Laboratories Ltd) 62693 Sertraline 50mg tablets (Bristol Laboratories Ltd) 62819 Sertraline 12.5mg/5ml oral suspension 62927 Sertraline 50mg tablets (Wockhardt UK Ltd) 62950 Sertraline 100mg tablets (Accord Healthcare Ltd) 63481 Sertraline 50mg tablets (Aurobindo Pharma Ltd) 66413 Sertraline 100mg tablets (Ranbaxy (UK) Ltd) 66560 Sertraline 100mg tablets (Mylan Ltd) 1730 Trazodone 100mg capsules 3355 Trazodone 50mg capsules 4003 Molipaxin 150mg tablets (Zentiva) 4020 Trazodone 150mg tablets 4194 Molipaxin 100mg capsules (Zentiva) 4874 Molipaxin 50mg capsules (Zentiva) 6442 Trazodone 50mg/5ml oral solution sugar free 8174 Molipaxin 50mg/5ml oral liquid (Sanofi) 19181 Trazodone 100mg capsules (Mylan Ltd) 29339 Trazodone 50mg capsules (Mylan Ltd) 29857 Trazodone 150mg tablets (Teva UK Ltd) 30983 Trazodone 150mg tablets (Mylan Ltd) 34003 Trazodone 50mg capsules (A A H Pharmaceuticals Ltd) 34421 Trazodone 50mg capsules (Zentiva) 34470 Trazodone 150mg tablets (Zentiva) 34580 Trazodone 100mg capsules (A A H Pharmaceuticals Ltd) 41609 Trazodone 50mg capsules (Teva UK Ltd) 41709 Trazodone 100mg capsules (Teva UK Ltd) 41710 Trazodone 100mg capsules (Zentiva) 55137 Trazodone 150mg/5ml oral suspension 57226 Trazodone 25mg/5ml oral suspension 59931 Trazodone 50mg/5ml oral solution sugar free (A A H Pharmaceuticals Ltd) 61657 Trazodone 75mg/5ml oral solution 65152 Trazodone 100mg/5ml oral solution 2039 Trimipramine 25mg tablets

2531 Surmontil 50mg capsules (Sanofi)

2532 Surmontil 25mg tablets (Sanofi) 3196 Trimipramine 50mg capsules 4310 Trimipramine 10mg tablets 8928 Surmontil 10mg tablets (Sanofi) 42228 Trimipramine 10mg tablets (A A H Pharmaceuticals Ltd) 45226 Trimipramine 25mg tablets (A A H Pharmaceuticals Ltd) 53808 Trimipramine 10mg tablets (Phoenix Healthcare Distribution Ltd) 57978 Trimipramine 25mg tablets (Waymade Healthcare Plc) 65445 Trimipramine 50mg capsules (A A H Pharmaceuticals Ltd) 66493 Trimipramine 25mg/5ml oral suspension 4422 Tryptophan 500mg tablets 5611 Optimax 500mg tablets (Intrapharm Laboratories Ltd) 12221 Pacitron 500mg Tablet (Rorer Pharmaceuticals Ltd) 20504 Optimax wv Tablet (E. Merck) 301 Venlafaxine 37.5mg tablets 470 Venlafaxine 75mg modified-release capsules 623 Efexor 37.5mg tablets (Wyeth Pharmaceuticals) 1222 Venlafaxine 75mg tablets 1474 Efexor XL 75mg capsules (Pfizer Ltd) 2654 Venlafaxine 150mg modified-release capsules 5710 Efexor XL 150mg capsules (Pfizer Ltd) 9182 Efexor 75mg tablets (Wyeth Pharmaceuticals) 13237 Venlafaxine 37.5mg/5ml oral suspension 39359 Venlafaxine 75mg modified-release tablets 39360 Venlafaxine 150mg modified-release tablets 39770 Tifaxin XL 75mg capsules (Genus Pharmaceuticals Ltd) 39809 Tifaxin XL 150mg capsules (Genus Pharmaceuticals Ltd) 40048 ViePax XL 75mg tablets (Dexcel-Pharma Ltd) 40049 ViePax XL 150mg tablets (Dexcel-Pharma Ltd) 40054 Venlafaxine 225mg modified-release tablets 40059 Venlalic XL 75mg tablets (DB Ashbourne Ltd) 40062 Venlalic XL 150mg tablets (DB Ashbourne Ltd) 40092 Vensir XL 150mg capsules (Morningside Healthcare Ltd) 40277 Vensir XL 75mg capsules (Morningside Healthcare Ltd) 40407 Venlalic XL 225mg tablets (DB Ashbourne Ltd) 40514 Venaxx XL 150mg capsules (AMCo) 40515 Venaxx XL 75mg capsules (AMCo) 40517 Vexarin XL 150mg capsules (Mylan Ltd) 40764 ViePax 37.5mg tablets (Dexcel-Pharma Ltd) 40815 Tardcaps XL 75mg capsules (IXL Pharma Ltd) 40817 Tardcaps XL 150mg capsules (IXL Pharma Ltd) 40917 ViePax 75mg tablets (Dexcel-Pharma Ltd) 41033 Rodomel XL 75mg capsules (Teva UK Ltd) 41299 Politid XL 75mg capsules (Actavis UK Ltd) 41314 Rodomel XL 150mg capsules (Teva UK Ltd) 42600 Vexarin XL 75mg capsules (Mylan Ltd) 43203 Venlafaxine 75mg modified-release capsules (Sandoz Ltd) 43334 Venlafaxine 150mg modified-release capsules (Sandoz Ltd) 43673 Politid XL 150mg capsules (Actavis UK Ltd)

43968 Foraven XL 75mg capsules (Forum Products Ltd)

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65483 Vortioxetine 10mg tablets

44936 Venlaneo XL 150mg capsules (Kent Pharmaceuticals Ltd) 44937 Venlaneo XL 75mg capsules (Kent Pharmaceuticals Ltd) 45664 Depefex XL 150mg capsules (Chiesi Ltd) 45806 Venlafaxine 37.5mg modified-release tablets 45818 Venlalic XL 37.5mg tablets (DB Ashbourne Ltd) 45959 Depefex XL 75mg capsules (Chiesi Ltd) 48199 Ranfaxine XL 75mg capsules (Ranbaxy (UK) Ltd) 49511 Venlablue XL 75mg capsules (Bluefish Pharmaceuticals AB) 50081 Venlablue XL 150mg capsules (Bluefish Pharmaceuticals AB) 50934 Venlafaxine 150mg/5ml oral solution 51280 Efexor XL 150mg capsules (Waymade Healthcare Plc) 51361 Venlafaxine 37.5mg tablets (Ranbaxy (UK) Ltd) 52074 Alventa XL 75mg capsules (Consilient Health Ltd) 52516 Alventa XL 150mg capsules (Consilient Health Ltd) 52716 Tonpular XL 75mg capsules (Wockhardt UK Ltd) 53326 Venlafaxine 75mg/5ml oral solution 55424 Venlafaxine 55501 Venlafaxine 150mg Modified-release capsule (Hillcross Pharmaceuticals Ltd) 56457 Venlafaxine 75mg tablets (Teva UK Ltd) 56662 Venlafaxine 37.5mg tablets (A A H Pharmaceuticals Ltd) 57751 Tonpular XL 150mg capsules (Wockhardt UK Ltd) 58726 Venladex XL 150mg tablets (Dexcel-Pharma Ltd) 59035 Venlablue XL 37.5mg capsules (Bluefish Pharmaceuticals AB) 59563 Venlafaxine 75mg modified-release capsules (Kent Pharmaceuticals Ltd) 59753 Sunveniz XL 150mg tablets (Sun Pharmaceuticals UK Ltd) 59923 Venlafaxine 37.5mg tablets (Bristol Laboratories Ltd) 60449 Venlafaxine 75mg tablets (A A H Pharmaceuticals Ltd) 60549 Venlafaxine 150mg modified-release capsules (Kent Pharmaceuticals Ltd) 60843 Sunveniz XL 75mg tablets (Sun Pharmaceuticals UK Ltd) 60895 Venlafaxine 37.5mg tablets (Teva UK Ltd) 61236 Bonilux XL 150mg capsules (Sandoz Ltd) 62734 Venlafaxine 150mg/5ml oral suspension 63859 Venlafaxine 75mg tablets (Waymade Healthcare Plc) 65738 Efexor 37.5mg tablets (Sigma Pharmaceuticals Plc) 66437 Venlafaxine 75mg tablets (DE Pharmaceuticals) 12111 Vivalan 50mg Tablet (AstraZeneca UK Ltd) 12309 Viloxazine hcl 50mg tablets 51227 Pregabalin 20mg/ml oral solution sugar free 51924 Lyrica 20mg/ml oral solution (Pfizer Ltd) 48698 Mirtazapine 15mg orodispersible tablets sugar free 49820 Mirtazapine 45mg orodispersible tablets sugar free 51699 Venlafaxine 37.5mg/5ml oral solution 54012 Mirtazapine 15mg orodispersible tablets sugar free (Sandoz Ltd) 54686 Tryptophan 500mg capsules 54747 Optimax 500mg capsules (Intrapharm Laboratories Ltd) 58681 Venladex XL 75mg tablets (Dexcel-Pharma Ltd) 58837 Venlafaxine 37.5mg modified-release capsules 63268 Venlafaxine 75mg/5ml oral suspension 65482 Vortioxetine 5mg tablets

65666 Venlafaxine 225mg modified-release capsules

65899 Efexor XL 225mg capsules (Pfizer Ltd)

54081 Sertraline 25mg/5ml oral suspension

60138 Fluoxetine 20mg orodispersible tablets sugar free

55138 Trazodone 250mg/5ml oral solution

61842 Trazodone 50mg/5ml oral solution

65213 Trimipramine 50mg/5ml oral solution

64000 Amitriptyline 10mg/5ml oral solution sugar free

drugsubstance

Agomelatine

Agomelatine Amitriptyline Hydrochloride Amitriptyline hydrochloride

Amitriptyline hydrochloride

Amitriptyline hydrochloride Amitriptyline hydrochloride

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Amitriptyline hydrochloride

Amitriptyline Hydrochloride/Chlordiazepoxide Amitriptyline Hydrochloride/Chlordiazepoxide Amitriptyline Hydrochloride/Chlordiazepoxide Amitriptyline Hydrochloride/Chlordiazepoxide Amitriptyline hydrochloride/Perphenazine Amitriptyline hydrochloride/Perphenazine

Amoxapine

Amoxapine

Amoxapine

Amoxapine

Amoxapine

Amoxapine

Amoxapine

Ascorbic Acid/Tryptophan/Pyridoxine Hydrochloride

Butriptyline Hydrochloride

Butriptyline Hydrochloride

Butriptyline Hydrochloride

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Dosulepin hydrochloride Dosulepin hydrochloride

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Escitalopram oxalate

Fluoxetine hydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Fluvoxamine maleate Fluvoxamine maleate Fluvoxamine maleate

Fluvoxamine maleate

Fluvoxamine maleate Fluvoxamine maleate Fluvoxamine maleate Imipramine hydrochloride Imipramine hydrochloride

Iprindole Iprindole Iprindole Iprindole

Lofepramine hydrochloride Mianserin hydrochloride

Mianserin hydrochloride Mirtazapine Mirtazapine Mirtazapine Mirtazapine

Mirtazapine

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Pregabalin

BMJ Open

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Sertraline

Sertraline hydrochloride

Sertraline hydrochloride

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Sertraline hydrochloride Trazodone hydrochloride Trimipramine maleate

Trimipramine maleate

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Pregabalin Pregabalin

Mirtazapine

Mirtazapine Venlafaxine

Mirtazapine

Tryptophan

Tryptophan

Venladex

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Venlafaxine

Venlafaxine

Vortioxetine Vortioxetine Venlafaxine Efexor Sertraline Fluoxetine Trazodone Trazodone Trimipramine Amitriptyline



medcode	readcode	readterm
25631	S02z.00	Fracture of facial bone NOS
62966	S300z00	Closed fracture proximal femur, transcervical, NOS
69777	SJ1yz00	Other specified cranial nerve injury NOS
49894	S4H0500	Closed #-dislocation, metatarsophalangeal joint, multiple
48660	SD3y.00	Superficial injury of lower arm NOS, without infection
39306	SH11200	Superficial burn of the eye
70039	SD2zz00	Superficial injury shoulder/upper arm, infection NOS
55965	SH52A00	Deep partial thickness burn of the ankle
25461	SH40600	Unspecified thickness burn of the back of hand
6266	SD20500	Abrasion of arm,unspecified level without infection
62047	S103100	Open fracture thoracic vertebra, wedge
67408	S481500	Open traumatic dislocation, metatarso-phalangeal jnt, single
64974	SH32800	Deep partial thickness burn of the forearm
53075	SE30400	Contusion, clavicular area
9740	SE012	Bruise of head
29165	SH50z00	Unspecified thickness burn of the leg NOS
28192	SD60100	Abrasion, thigh
51009	SH30400	Unspecified thickness burn of the axilla
35077	S352E00	Closed fracture metatarsal head
24329	S834100	Open wound of cheek
25093	SK1C200	Injury of other flexor muscle and tendon at forearm level
	S490.00	Closed dislocation cervical spine
1873	S3611	Toe fracture
	SE23112	Contusion of lower back
	S440100	Closed traumatic dislocation, metacarpophalangeal joint
	S1100	Fracture of spine with spinal cord lesion
	S82v000	Open wound of ear drum
	N082K00	Pathological dislocation of MCP joint
	SK1C.00	Injury of muscle and tendon at forearm level
	SH71.00	Burn of the larynx, trachea and lung
	SD6z100	Superficial injury of thigh NOS, infected
	S481900	Open traumatic dislocation, pantalar
	SH400	Burn of the wrist(s) and hand(s)
	S300y00	Closed fracture proximal femur, other transcervical
	SF22.00	Crush injury wrist or hand
	S230800 S315.00	Closed fracture proximal radius, comminuted Fracture of lower end of femur
	SD3z100	Superficial injury of forearm NOS, infected
	SH10800	Unspecified thickness burn of the cheek
	SH12211	Eye - 2nd degree burn
	SH50200	Unspecified thickness burn of the foot
	S791.00	Internal injury with open wound into cavity NOS
	S930.00	Open wound of finger or thumb without mention of complicatn
	S4A2100	Closed fracture-subluxation acromio-clavicular joint
	SJ70.11	Head and neck superficial nerve injury
	SF21300	Closed crush injury, elbow area
	SJ21800	Anterior thoracic cord injury, without bony injury, T7-12
	S4H0200	Closed fracture-dislocation, tarsometatarsal joint
	N083u00	Recurrent dislocation of foot joint
557.50		

	SD1y800	Superficial injury of groin NOS, without major open wound
	S331.00	Open fracture of tibia and fibula, proximal
	SH30100	Unspecified thickness burn of the forearm
68030	SH84z00	Burn: 40-49% of body surface NOS
47243	SD10B11	Abrasion or friction burn of testis without infection
65055	S82v200	Open wound of eustachian tube
96998	S4D1600	Open fracture-dislocation multiple digits
	S430000	Closed traumatic dislocation of wrist, unspecified
56544	SH82.00	Burn involving 20-29% of body surface (BS)
24118	SJB00	Injury of nerves at shoulder and upper arm level
36709	SH50300	Unspecified thickness burn of the ankle
34910	S4J0100	Closed fracture-dislocation of pelvis
39197	SF10100	Crush injury, scrotum and testis
100872	SH34.00	Deep full thickness burn of arm without loss of body part
36833	SH10z00	Unspecified thickness burn of the face, head or neck NOS
15518	S496z00	Closed traumatic dislocation not otherwise specified
48142	S313200	Open fracture of femur, lower epiphysis
64452	SH53300	Full thickness burn of the ankle
69895	SF30200	Closed crush injury, thigh
61340	S494200	Closed dislocation of sacrum
33957	S300700	Closed fracture proximal femur, subcapital, Garden grade II
55464	S332z00	Closed fracture of tibia and fibula, shaft, NOS
28480	SF30000	Crush injury, thigh
34870	S6400	Intracranial injury NOS
51841	SK1xA00	Open wounds invol multi regions of up limb(s) wth lw limb(s)
7988	S239.00	Fracture of shaft of radius
23778	SJ900	Injury of nerves and spinal cord at thorax level
1073	S23x211	Fracture of ulna NOS
59690	7K6FQ00	Primary open reduction # dislocation joint internal fix NEC
19288	SD11300	Abrasion of abdominal wall, infected
101316	S261700	Open fracture thumb proximal phalanx, head
73441	S003100	Open #skull vlt + intracranial injury, no loss of consc
10609	SH10100	Unspecified thickness burn of the ear
29109	S33x.00	Closed fracture of tibia and fibula, unspecified part, NOS
73792	SB48300	Injury of unspecified blood vessel at ankle and foot level
61178	SH12x00	Partial thickness burn of multiple sites face, head or neck
23503	S430100	Closed traumatic dislocation distal radio-ulnar joint
67007	S353.00	Open fracture of other tarsal and metatarsal bones
54306	S431500	Open traumatic dislocation proximal metacarpal
10228	S4B00	Fracture-dislocation or subluxation elbow
104355	S4B1100	Open fracture-dislocation superior radio-ulnar joint
53915	SD61z00	Abrasion or friction burn of lower limb, infected, NOS
41764	SE44.00	Contusion, lower limb, multiple sites
36783	7K6H700	Secondary open reduction fracture disloc joint & fixation
16944	S292.00	Multiple fractures of clavicle, scapula and humerus
95513	S100M00	Closed fracture cervical vertebra, posterior arch
	S493.11	Open dislocation of thoracic and lumbar vertebra
20893	S310012	Upper leg fracture NOS
28015	SE4z.00	Contusion, site NOS
40658	S353H00	Open fracture cuneiforms

94458 SB31100	Open injury, brachial artery
53686 S411000	Open traumatic dislocation shoulder joint, unspecified
45664 S352A00	Closed fracture talus, body
39887 S100A00	Closed fracture axis, odontoid process
33935 N083.12	Habitual dislocation of joint
358 S3z11	Fracture NOS
40692 SH40500	Unspecified thickness burn of the palm of hand
44470 S73xy00	Other gastrointestinal tract injury no open wound to cavity
60352 7J43z00	Fixation of fracture of spine NOS
22308 SE23200	Contusion of lower back
311 SKz00	Injury NOS
101567 S303100	Open fracture proximal femur, intertrochanteric, two part
68196 SJB1.00	Injury of multiple nerves at shoulder and upper arm level
71373 SH84400	Burn: 40-49% of body surface, 40-49% BS full thickness
60593 S100300	Closed fracture of third cervical vertebra
43799 SB33200	Injury of ulnar artery at wrist and hand level
34723 S350100	Closed fracture calcaneus, intra-articular
50247 S04z.00	Multiple fractures involving skull/face with other bones NOS
21922 S312200	Closed fracture of femur, lower epiphysis
28068 S333.00	Open fracture of tibia/fibula, shaft
45970 PE30000	Unilateral congenital dislocation of hip
6869 S46z.00	Dislocation of knee NOS
57327 SH70.00	Burn of the mouth and pharynx
265 SK17000	Other knee injury
10990 S10B000	Fracture of lumbar vertebra
9789 SF20011	Crush injury of shoulder
69645 S101100	Open fracture atlas
59226 SF11z00	Crush injury, trunk NOS
42780 S105.00	Open fracture lumbar vertebra
27569 SF11200	Crush injury, breast
21220 SH42600	Superficial partial thickness burn of back of hand
61491 7J43400	Primary open reduc spinal fracture+internal fix+rod system
32835 SD7yz00	Superficial injury of foot and toe, without infection, NOS
68142 SJ34000	Closed injury, brachial plexus, upper roots
44732 SH52x00	Partial thickness burn of multiple sites of the leg
55997 SH12G00	Deep partial thickness burn of the scalp
58893 S733100	Duodenum injury with open wound into cavity
49249 TG80z00	Accidental burning/scalding caused by hot liquid/vapour NOS
24559 SF10111	Crush injury of scrotum
21126 SD80000	Abrasion or friction burn of eyelids and periocular area
41633 TG81y00	Accidental burning caused by other caustic or corrosive
51980 T402600	Fall from burning ship - docker or stevedore injured
53729 S84y100	Open wound of supraclavicular region with complication
42216 7K6FD00	Primary opn reduction of dislocation+oth stabilisation of jt
35456 S600	Intracranial injury excluding those with skull fracture
58838 SB22000	Coeliac and mesenteric artery injury, unspecified
68347 SH14600	Deep full thickness burn of scalp without loss of body part
22761 S330012	Closed fracture of tibial tuberosity
20778 SD71.12	Abrasion or friction burn of toenail, infected
41306 TN86.00	Injury ?accidental, by crashing of aircraft

	36083	TG80800	Accidental burning or scalding caused by chocolate
		S4D1100	Open fracture-dislocation, metacarpophalangeal joint
		S210500	Closed fracture scapula, spine
		7K1LB00	Closed reduction of fracture of hallux
		7J42.11	Other reduction of fracture of spine and stabilisation
		S125000	Closed fracture larynx
		SC19.00	Late effect of burn NOS
		SD2y.00	Superficial injury shoulder/upper arm NOS, without infection
		7G1M200	Glue closure of skin wound
		SD10500	Abrasion, buttock
		7K6F400	Open reduction of # dislocation of joint+fxn of jnt,unspec
		SF11100	Crush injury, buttock
1		S491700	Open dislocation C6/C7
_		7J13.00	Reduction of fracture of maxilla
		S930100	Open wound, finger, multiple
		N083p00	Recurrent dislocation of the patella
		SH3z.00	Burn of the arm (excluding wrist and hand) NOS
		SF30.00	Crush injury, hip and thigh
		S92z.00	Open wound of hand, excluding fingers, NOS
		S4C2400	Closed fracture-subluxation lunate (volar)
		SB31.00	Brachial blood vessel injury
		\$348.00	Fracture of medial malleolus
		S4D0400	Closed fracture-dislocation, proximal interphalangeal joint
		SD70100	Abrasion, toe
		SD60300	Abrasion, lower leg
		SE32100	Contusion, wrist
1		S251C00	Open fracture thumb metacarpal head
		SJ51000	Closed injury, median nerve
		SE100	Contusion, eye and adnexa
	23845	7K6F300	Open reduction of dislocation of jt+fxn of joint, unspec
	38943	S4F7.00	Open fracture-subluxation, patello-femoral joint
		S222000	Closed fracture of humerus NOS
	57612	S85z.00	Open wound of chest wall NOS
	61556	S361300	Open fracture multiple phalanges, toe
	50011	S49x.00	Other closed multiple and ill-defined dislocation
	3095	7J03100	Reduction of fracture of nasal bones NEC
	96406	S010z00	Closed #skull bse no intracranial injury + concussion unspec
	35866	7K6H400	Revision to closed reduction of fracture dislocation alone
	18841	S4D1.00	Open fracture-dislocation digit
	50223	S231000	Open fracture of proximal forearm, unspecified
1	102014	S751.00	Open injury of spleen
	96731	S624z00	Extradural h'ge inj no open intracran wnd+concussion unspec
	27922	S10B300	Fracture of ilium
	60368	S431600	Open traumatic dislocation lunate (volar)
	18584	S345.00	Open fracture ankle, bimalleolar
	93300	S4012	Dislocation of maxilla, inferior
	61845	SA12z00	Open wound of knee/leg/ankle with tendon involvement, NOS
	99284	SH13300	Full thickness burn of the lip(s)
	10304	SH1z.00	Burn of the face, head or neck NOS
	71934	SD20z00	Abrasion/friction burn shoulder/upper arm, no infection, NOS

4528 7K1G.00	Other primary open reduction of fracture of bone
101031 S336000	Fracture tibial plateau
18388 S343.00	Open fracture ankle, lateral malleolus
6915 S234B00	Closed fracture radial styloid
6821 SD3y000	Superficial injury of elbow NOS
32866 S313.11	Open fracture of femur, distal end
18325 S8300	Other open wound of head
68229 S300y11	Closed fracture of femur, subcapital
101524 TG81011	Accidental burning by Hydrofluoric acid
7402 SE31.00	Contusion, elbow or forearm
55086 S75z.00	Injury to spleen NOS
18273 S30y.00	Closed fracture of neck of femur NOS
68652 S120800	Closed fracture of eight or more ribs
2251 S024100	Closed fracture zygoma
18086 SE25.00	Contusion of pelvic region
10608 SJ5y100	Injury of multiple nerves at forearm level
6168 S240100	Closed fracture of the scaphoid
95608 S451.00	Open traumatic dislocation of hip
6149 SD800	Superficial injury of eye and adnexa
62808 S260A00	Closed fracture thumb distal phalanx, shaft
22375 S2400	Fracture of carpal bone
3573 S10x.00	Closed fracture of spine, unspecified,
66514 TL900	Homicide
50509 SH112	Head burns
71063 S712200	Lung laceration without mention of open wound into thorax
24587 S4E00	Fracture-dislocation or subluxation hip
65260 SH14200	Deep full thickness burn of eye without loss of body part
62723 SF31.00	Crush injury, knee and lower leg
23623 S8400	Open wound of neck
65690 S300200	Closed fracture proximal femur, midcervical section
25508 SD40100	Abrasion, hand, dorsum
42049 SD1y900	Superficial injury of perineum NOS without major open wound
88784 7J13y00	Other specified reduction of fracture of maxilla
102302 S234G00	Greenstick fracture of distal radius
7142 SD21.00	Abrasion or friction burn of shoulder/upper arm, infected
14848 S410500	Closed traumatic dislocation scapula
17467 S812	Open wound of head
44887 SC17.00	Late effect of burn of arm, leg and foot
17443 7J12.11	Reduction of fracture of jaw NEC
21427 SD1yA00	Superficial injury of penis NOS, without major open wound
21743 SA211	Open wound of heel
32894 SK1E200	Injury of multiple muscles and tendons at lower leg level
28434 SE23400	Contusion of sacral region
27404 S102.00	Closed fracture thoracic vertebra
97820 S225900	Open fracture distal humerus, bicondylar (T-Y fracture)
51522 SH11500	Superficial burn of the nose
51455 S84x.00	Other open wound of neck
9394 SD40.00	Abrasion/friction burn of hand, without infection
41925 TG9z000	Accidental burn or other injury from electric current NOS
96863 S724.00	Injury of bronchus

	29611	S820.00	Open wound of external ear
	17174	7K6G600	Closed reduction of dislocation of finger
	41650	SH01.00	Other burns of eyelids and periocular area
	44736	S837.00	Open wound in mouth with complication
	65724	S000000	Closed #skull vlt no intracranial injury, unspec state consc
	73724	SD1yC00	Superficial injury of vulva NOS, without major open wound
	62677	SH24.00	Deep full thickness burn of trunk without loss of body part
	57109	SF22800	Open crush injury hand, dorsum
	17061	SD21300	Abrasion of upper arm, infected
	69354	SF20200	Crush injury, axillary region
	34307	S260P00	Closed fracture finger middle phalanx, head
	11220	SD1y400	Superficial injury of back NOS, without major open wound
	21175	S250x00	Closed fractures of multiple sites of unspecified metacarpus
	65179	S903200	Degloving injury, axilla
	70674	S133z00	Open fracture of pubis NOS
	18338	S260F00	Closed fracture finger proximal phalanx, shaft
	69824	SR13.00	Fractures involving multiple regions of one lower limb
	16890	S022.12	Fracture of lower jaw, closed
	3288	S10A.00	Fracture of neck
	48544	S942.11	Multiple/unspec open wound of upper limb with tendon injury
	73342	SJ52600	Open injury, ulnar nerve, palmar sensory
	93142	7K6F600	Primary open reduction of dislocation and skeletal traction
	16769	TC700	Fracture, cause unspecified
	35355	SH50100	Unspecified thickness burn of the toe(s)
	48925	S353z00	Open fracture of tarsal and metatarsal bones NOS
	64441	SB000	Injury to blood vessels of head and neck
	33412	SH22.00	Partial thickness burn of the trunk
	58029	S901x00	Multiple open wounds of upper arm with complication
	16895	N1y1.00	Fatigue fracture of vertebra
	70919	7K1Ly00	Other specified other closed reduction of fracture of bone
	45410	7J41z00	Decompression of fracture of spine NOS
	14725	SH9z.00	Burn - unspecified
	59167	SH22800	Deep partial thickness burn of the breast
	56137	TK52.00	Suicide and selfinflicted injury by hunting rifle
	31854	TK400	Suicide and selfinflicted injury by drowning
	16277	S100200	Closed fracture axis
	60630	S235000	Open fracture of forearm, lower end, unspecified
	51853	S813	Open wound of trunk
	4845	SK17400	Calf injury
	73502	S913100	Degloving injury, elbow area
	343	S234100	Closed Colles' fracture
	28724	S224700	Closed fracture distal humerus, medial epicondyle
	28273	S321.00	Open fracture of the patella
•	109424	SD1z.00	Superficial injury of trunk NOS, infected
		S000	Fracture of skull
		SD1yz00	Superficial injury trunk, without major wound/infection NOS
		SH70200	Burn of the tongue
		S72z.00	Intrathoracic organ injury NOS
		SC11.00	Late effect of open wound arm or leg without tendon injury
		S835000	Open wound of face with complication, unspecified
	13070	200000	The state of the s

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103695 SJ21B00	Incompl thoracic cord injury, unsp, without bony injury, T7-12
285 S83z.00	Open wound of head NOS
5080 SH000	Burn confined to eye and adnexa
33763 SH51100	Superficial burn of the toe(s)
5332 S312300	Closed fracture distal femur, supracondylar
40164 S330500	Closed fracture proximal tibia, bicondylar
94264 TG80900	Accidental burning or scalding caused by milk
15613 S100000	Closed fracture of unspecified cervical vertebra
15580 S480500	Cls traumatic dislocation, metatarso-phalangeal jnt, single
55356 S4D2300	Closed fracture-subluxation, distal interphalangeal joint
9009 SD0y000	Superficial injury of face NOS
32724 SH52300	Superficial partial thickness burn of the ankle
15491 S4G00	Fracture-dislocation or subluxation ankle
7723 S337.00	Fracture of shaft of tibia
29878 S833.00	Open wound of nose with complication
27976 SH40.00	Unspecified thickness burn of the wrist and hand
101859 SJ4y.00	Other trunk nerve injury
34043 SH43000	Full thickness burn of the hand, unspecified
58845 SF20z00	Crush injury, shoulder and upper arm NOS
12142 SE011	Bruise of face
25098 SD7z000	Superficial injury of foot NOS, infected
63738 SJ57000	Closed injury, suprascapular nerve
8774 SH5z.00	Burn of the lower limb NOS
37801 SH41.12	First degree burn of finger
28177 SJ32.00	Lumbar nerve root injury
71521 SJ22.00	Lumbar cord injury without spinal bone injury
41913 SH43500	Full thickness burn of the palm of hand
73229 S940.00	Multiple/unspec open wound upper limb without complication
40765 SB00100	Common carotid artery injury
105693 SB1z.00	Thoracic blood vessel injury NOS
33475 S321200	Open fracture patella, distal pole
14865 SD91.00	Abrasion or friction burn, infected, NOS
8138 SD10.00	Abrasion, trunk
21763 SH600	Burn of multiple specified sites
96430 TKx7.00	Suicide and selfinflicted injury caustic subst, excl poison
52862 SA0z.00	Open wound of hip and thigh NOS
100294 S441600	Open traumatic dislocation multiple digits
30288 7J13000	Reduction of fracture of alveolus of maxilla
383 SH91.11	First degree burn
15887 S790.00	Internal injury without open wound into cavity NOS
9468 S4B0000	Closed fracture-dislocation elbow joint
46768 S7A00	Injury of pancreas
47984 SB13.00	Superior vena cava injury
27554 S811.00	Ocular laceration with intraocular prolapse
62536 SB32100	Open injury, radial artery
52441 SH42500	Superficial partial thickness burn of palm of hand
59300 SJ5x.00	Other shoulder girdle and upper limb nerve injury
20171 SJ15.00	Acoustic (8th) nerve injury
12864 SF02.00	Crush injury, neck
97827 S496011	Closed dislocation of sternoclavicular joint

	7K6Hz00	Secondary reduction of traumatic dislocation of joint NOS
	SH55100	Deep full thickness burn of toe(s), with loss of body part
	S107.00	Open fracture sacrum
	SE22100	Contusion, flank
	SH33.00	Full thickness burn of the arm
	S73z.00	Injury to gastrointestinal tract, NOS
	S105000	Open fracture lumbar vertebra, burst
	SE30011	Shoulder bruise
	S480000	Closed traumatic dislocation of foot, unspecified
	S832.00	Open wound of nose
	S134.00	Other or multiple closed fracture of pelvis
	S352100	Closed fracture of talus
	S234600	Closed fracture radius and ulna, distal
	S250400	Closed fracture finger metacarpal neck
	SH21300	Superficial burn of the abdominal wall
	SH73.00	Burn of the gastrointestinal tract
	TG81.00	Accidental burning caused by caustic and corrosive substance
	SE20.00	Contusion, breast
	SB30400	Open injury, axillary vein
	SK1W.00	Injury of unspecified muscle and tendon of trunk
	SB11.00	Innominate (brachiocephalic) artery injury
	S112A00	Cls spinal fracture with posterior thorac cord lesion, T7-12
	S135y00	Other open fracture of pelvis
	SD1z000	Superficial injury of interscapular region NOS, infected
	S032.00	Open #skull NOS without mention of intracranial injury
	S120900	Closed fracture multiple ribs
	7J42.00	Other reduction of fracture of spine
	S022700	Closed fracture of mandible, alveolar border of body
	S4D2100	Closed fracture-subluxation, metacarpophalangeal joint
	S492300	Closed spinal dislocation with complete thoracic cord lesion
12219	SD70.12	Abrasion or friction burn of toenail, without infection
	S4D0000	Closed fracture-dislocation digit, unspecified
	S761200	Kidney laceration with open wound into cavity
12132	S9100	Open wound of elbow, forearm and wrist
60615	S113.00	Open fracture of thoracic spine with spinal cord lesion
12112	SH11100	Superficial burn of the ear
36449	7K1Ez00	Prim open reduction fracture bone & extramedull fixation NOS
65904	S900100	Open wound of scapular region
60412	7J13600	Reduction of Le Fort 3 fracture of maxilla
12063	S230B00	Closed fracture olecranon, intra-articular
10007	S338.00	Fracture of lower end of tibia
44431	S270.00	Closed multiple fractures of hand bones
41675	S0113	Frontal sinus fracture
2642	S022.00	Fracture of mandible, closed
7930	7K1F500	Primary open reduction fracture patella fixat tension band
3404	\$9300	Open wound of finger(s) or thumb
36084	TKx2.00	Suicide and selfinflicted injury by scald
4211	S2011	Collar bone fracture
67822	SB34300	Injury of deep palmar arch
18361	7K6G300	Closed reduction of dislocation of shoulder

11702	SD2y300	Superficial injury of upper arm NOS
53650	S250C00	Closed fracture thumb metacarpal head
43338	S7711	Internal pelvic injury
14826	S344.11	Dupuytren's fracture, fibula
59647	SA10z00	Open wound of knee, leg and ankle NOS
11515	S910100	Open wound of elbow
45356	SD10300	Abrasion, abdominal wall
28304	SH00.00	Chemical burn of eyelids and periocular area
50460	7K1Fz00	Primary open reduction of intraarticular fracture bone NOS
105332	SJ15.11	Auditory cranial nerve injury
64139	S13z.00	Open fracture of pelvis NOS
66961	TN20.00	Injury ?accidental, poisoning by motor vehicle exhaust gas
59900	SF2z.00	Crush injury, upper limb NOS
12525	SD61200	Abrasion of knee, infected
48958	S112100	Cls spinal fracture wth complete thoracic cord lesion,T1-6
61315	S410311	Inferior dislocation of shoulder
104754	TN02.00	Injury ?accidental, poisoning by other sedative/hypnotic
11275	S3X00	Fracture of lower leg, part unspecified
48224	S121.00	Open fracture rib
45344	S903300	Degloving injury, upper arm
9261	S4C1000	Open fracture-dislocation, distal radio-ulnar joint
11222	S220.00	Closed fracture of the proximal humerus
108479	S751300	Spleen parenchyma laceration with open wound into cavity
28079	\$600.00	Concussion with no loss of consciousness
58611	SA00.00	Open wound of hip and thigh without mention of complication
30956	S11x.00	Closed fracture of spine with spinal cord lesion unspecified
21161	SE11.11	Bruise of eyelids
89236	7403900	Surgical outfracture of turbinate of nose
34194	S496100	Closed traumatic dislocation of pelvis
62955	S000100	Closed #skull vlt no intracranial injury, no loss of consc
24790	S026.00	Closed orbital blow-out fracture
109115	S353800	Open fracture talus, head
29748	S352D00	Closed fracture metatarsal neck
60206	SJ53000	Closed injury, radial nerve
44861	SH52z00	Partial thickness burn of the leg NOS
73047	S772.00	Ureter injury without mention of open wound into cavity
10764	SE42011	Heel bruise
14847	7K6Fz00	Primary open reduction of traumatic dislocation of joint NOS
65494	S4D3400	Open fracture-subluxation, proximal interphalangeal joint
17150	SC17.11	Late effect of burn of arm or leg
38480	SC3D100	Sequelae of dislocation, sprain and strain of lower limb
5381	S1500	Fracture of thoracic vertebra
71148	SH22B00	Deep partial thickness burn of the back (excluding buttock)
52895	S250700	Closed fracture finger metacarpal, multiple
17360	SK10800	Injury of muscle and tendon at neck level
10640	S2311	Forearm fracture
35388	SJ67.00	Injury of nerves at ankle and foot level
60531	SH22C00	Deep partial thickness burn of the buttock
61484	SD0z000	Superficial injury of face NOS, infected
52746	SH52B00	Deep partial thickness burn of the lower leg

33489 S220200	Closed fracture of proximal humerus, anatomical neck
67296 SJ00.00	Optic nerve (2nd) injury
10616 SE31000	Contusion, forearm area
7636 S231600	Open fracture radial head
20281 SE24.00	Contusion, genital organs
21998 SJ31.00	Thoracic nerve root injury
68233 7K6H600	Secondary open reduction dislocation joint+fixation jnt,unsp
41890 SH51500	Superficial burn of the knee
48878 SK1x900	Open wounds involv thorax with abdomen, lwr back and pelvis
27378 S49x.12	Back dislocation NOS
95674 N1y2.00	Pars interarticularis stress fracture
105935 S107000	Open compression fracture sacrum
54625 S77A.00	Injury of fallopian tube
94275 TG80C00	Accidental burning or scalding caused by steam from kettle
92825 SH44200	Deep full thickness burn of thumb without loss of body part
53665 SA32.00	Open wound of toe(s) with tendon involvement
99073 SJ16.00	Accessory (11th) nerve injury
1179 S2811	III-defined fracture of arm
33757 S260M00	Closed fracture finger middle phalanx, shaft
6569 S6213	Subdural haemorrhage following injury
22370 S330400	Closed fracture proximal tibia, lateral condyle (plateau)
16181 S83x.00	Other open wound of head
93648 S465100	Closed traumatic dislocation knee joint, anterior
8916 S4713	Dislocation of tibia, distal end
8348 S4A0.00	Closed fracture-dislocation shoulder
35386 S211.00	Open fracture of scapula
68104 SB33100	Open injury, ulnar artery
10201 S6411	Brain injury NOS
35096 S104300	Closed fracture lumbar vertebra, spinous process
28352 S33y100	Open fracture of fibula, unspecified part, NOS
35035 SH50.00	Unspecified thickness burn of the leg
10106 SD60.11	Abrasion or friction burn of leg, without infection
54353 S12X.00	Fracture of bony thorax, part unspecified
10095 S311100	Open fracture shaft of femur
64207 S466.00	Other open traumatic dislocation of knee
28320 S773.00	Open fracture shaft of femur Other open traumatic dislocation of knee Ureter injury with open wound into cavity
10022 S235.11	Wrist fracture - open
2303 S237.00	Fracture of upper end of radius
10008 N338.00	Malunion and nonunion of fracture
96903 7K1KA00	Revision to functional bracing of fracture
61837 SB0z.00	Head and neck blood vessel injury NOS
96136 S4C0500	Closed fracture-dislocation peri-lunate (dorsal)
24025 SC21.00	Late effect of cranial nerve injury
62719 S101611	C6 vertebra open fracture without spinal cord lesion
68670 N082211	Elbow pathological dislocation
9771 S020.11	Closed fracture nasal bone
1084 SE00	Contusion (bruise) with intact skin
100118 S73x600	Closed injury of pancreas
9727 7K1H.00	Secondary open reduction of fracture of bone
99397 S261600	Open fracture thumb proximal phalanx, neck

Page 71 of	⁻ 184
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	9688 9670 51518 50634 36543 9538 52318 12615 17469 9420 2439 9348 4978 57977 108083 66237 28271 16779 49588 9212 62803 71207 18336 44673 99251 43972 64435 9094 30150 105683 62028 65688 8460 42205 61150 27992 67097 67024 67394 70226 50155 8783 8780 58065 52513 106489 8661 60687 71845 9309

9688	S127.00	Fracture of rib
9670	SE41000	Contusion, lower leg
51518	SD11100	Abrasion of chest wall, infected
50634	S250A00	Closed fracture thumb metacarpal shaft
36543	SB35200	Closed injury, digital vein
9538	S230100	Closed fracture olecranon, extra-articular
52318	S310z00	Closed fracture of shaft or unspecified part, NOS
12615	SE111	Bruise of eye
17469	SJ56600	Injury of digital nerve of thumb
9420	S221.00	Open fracture of the proximal humerus
2439	SK10900	Scalp injury
9348	S3x3.00	Multiple fractures of lower leg
4978	S02x100	Fracture of orbit NOS, closed
57977	SH41.14	First degree burn of thumb
108083	SB23100	Inferior mesenteric vein injury
66237	S292100	Open multiple fractures of clavicle, scapula and humerus
28271	SBz00	Injury to blood vessel NOS
16779	SF00100	Crush injury, ear
49588	S241E00	Open fracture scaphoid, tuberosity
9212	S34z.00	Fracture of ankle, NOS
62803	SE30y00	Contusion, shoulder and upper arm, multiple sites
71207	S221200	Open fracture of proximal humerus, anatomical neck
18336	S261.00	Open fracture of one or more phalanges of hand
44673	S4H2.00	Closed fracture-subluxation, foot
99251	SA33000	Degloving injury toe
43972	S4B1.00	Open fracture-dislocation elbow
64435	S4C0400	Closed fracture-dislocation lunate (volar)
9094	SD30.00	Abrasion or friction burn of lower arm, without infection
30150	S911.00	Open wound of lower arm with complication
105683	SH44700	Deep full thickness burn of wrist without loss of body part
62028	SH35400	Deep full thickness burn of axilla, with loss of body part
65688	S4H1500	Open #-dislocation, metatarsophalangeal joint, multiple
8460	SK13300	Unspecified injury of wrist
42205	SH92100	Deep partial thickness burn NOS
61150	S104200	Closed fracture lumbar vertebra, spondylolysis
27992	S335.00	Open fracture distal tibia
67097	S260Q00	Closed fracture finger middle phalanx, multiple
67024	SJ60100	Open injury sciatic nerve
67394	S301700	Open fracture proximal femur, subcapital, Garden grade II
70226	S351100	Open fractures calcaneus, intra-articular
50155	SJ24.00	Cauda equina injury without bony injury
8783	S4400	Dislocation or subluxation of finger or thumb
8780	S41z.00	Dislocation of shoulder NOS
58065	S352500	Closed fracture intermediate cuneiform
52513	S471.00	Open traumatic dislocation ankle joint
106489	S740400	Liver major laceration without open wound into cavity
8661	S224600	Closed fracture distal humerus, lateral epicondyle
60687	SJA0.00	Concussion and oedema of lumbar spinal cord
71845	SB22700	Inferior mesenteric artery injury
9309	SH500	Burn of lower limbs

28399	TN51.00	Injury ?accidental, by shotgun
	S430600	Closed traumatic dislocation lunate (volar)
	SJ30600	Cervical nerve root injury - C7
46267	S740100	Liver haematoma and contusion without open wound into cavity
70894	7K6GG00	Closed reduction of dislocation of spine
33918	SC0X.00	Sequelae of other fracture of thorax and pelvis
8465	S334100	Closed fracture distal tibia, intra-articular
32214	S644.00	Focal brain injury
10617	SD60400	Abrasion, ankle
26283	SC22.00	Late effect of spinal cord injury
100202	S33C.00	Closed fracture of distal tibia and fibula
8382	S238.00	Fracture of shaft of ulna
94372	S911z00	Open wound of lower arm with complication, NOS
69363	S261N00	Open fracture finger middle phalanx, neck
101489	SK17600	Posterolateral corner injury of knee
8302	S260.00	Closed fracture of one or more phalanges of hand
18299	S234.00	Closed fracture of radius and ulna, lower end
68899	S2913	Multiple fractures of sternum
46132	SJ11.11	Fourth cranial nerve injury
71492	TN900	Injury ?accidental, late effects
62513	SH54500	Deep full thickness burn of knee without loss of body part
55424	S120500	Closed fracture of five ribs
1023	\$830.00	Open wound of scalp
42139	S260B00	Closed fracture thumb distal phalanx, tuft
8197	SE211	Bruise, trunk
8150	S903000	Degloving injury, shoulder area
11635	S352200	Closed fracture navicular
55346	S100x00	Multiple closed fractures of cervical vertebrae
101560	S121z00	Open fracture of rib(s) NOS
3809	S0011	Frontal bone fracture
46142	S0400	Multiple fractures involving skull or face with other bones
28729	SB00.00	Carotid artery injury
68657	SD6z400	Superficial injury of ankle NOS, infected
70086	7433300	Reduction of laryngeal fracture
33651	S260700	Closed fracture thumb proximal phalanx, head
71725	S011400	Closed #skull bse + intracranial injury, >24hr LOC+recovery
17956	S201200	Open fracture clavicle, shaft
65141	S241.00	Open fracture of carpal bone
95842	S104500	Closed fracture lumbar vertebra, posterior arch
69789	SJ5C000	Closed injury, posterior interosseous nerve
50647	S430z00	Closed traumatic dislocation of wrist NOS
68688	SH43.14	Third degree burn of wrist
35011	S32z.00	Fracture of patella, NOS
7671	SE400	Contusion, lower limb and other unspecified sites
73768	S211000	Open fracture of scapula, unspecified part
	SH10x00	Unspecified thickness burn multiple sites face, head or neck
	7K1K800	Primary external fixation of fracture
	S343000	Open fracture ankle, lateral malleolus, low
	S003000	Open #skull vlt + intracranial injury, unspec state of consc
	TN87.00	Injury ?accidental, by caustic substances, except poisoning

	SB43z00	Saphenous vein injury NOS
	TN84.00	Injury ?accidental, by electrocution
	SH32.11	Blister of arm, second degree burn
73165	S240F00	Closed fracture carpal bones, multiple
25518	TG81000	Accidental burning caused by acid
11277	S150.00	Multiple fractures of thoracic spine
109332	SH34000	Deep full thickness burn of arm unsp, no loss of body part
38656	SE33300	Contusion, finger, multiple
92268	S4H0600	Closed fracture-dislocation, IPJ, multiple toes
72376	S933400	Ring avulsion injury, class 3
29612	Sz00	Injury and poisoning NOS
35145	SH12.00	Partial thickness burn of the face, head or neck
90888	SJ54000	Closed injury, musculo-cutaneous nerve
38131	7K1LN00	Closed reduction of fracture of upper limb
12754	SH40.13	Unspecified degree burn of thumb
52371	S344100	Closed fracture ankle, bimalleolar, high fibular fracture
62649	SP04C00	Fracture of bone allograft
60402	SC00.12	Late effect of skull fracture
7054	SD61.11	Abrasion or friction burn of leg, infected
16081	S49x.11	Arm dislocation NOS
48880	S80z.00	Open wound of ocular adnexa NOS
67856	SB43000	Greater saphenous vein injury
73109	S211400	Open fracture scapula, blade
6996	SE000	Contusion of face, scalp and neck, excluding eye(s)
95620	S100J00	Closed fracture cervical vertebra, spondylolysis
69098	S101111	C1 vertebra open fracture without spinal cord lesion
6942	7K1LL00	Closed reduction of fracture of radius and or ulna
6925	SD4y.00	Superficial injury of hand NOS, without mention of infection
101565	•	Closed injury, ulnar nerve, dorsal sensory
100552	SB3x.00	Multiple blood vessel injury of upper extremity
	TN06.00	Injury ?accidental, poisoning by corrosive/caustic substance
	SB1y200	Internal mammary artery injury
	, S250z00	Closed fracture of metacarpal bone(s) NOS
	S4D1300	Open fracture-dislocation, distal interphalangeal joint
	S353F00	Open fracture metatarsal, multiple
	SH31600	Superficial burn of the scapular region
	SB31000	Closed injury, brachial artery
	S4C2y00	Closed fracture-subluxation other carpal
	S900z00	Open wound of shoulder and upper limb NOS
	SH41000	Superficial burn of the hand, unspecified
	7L0H800	Open reduction congenital dislocation of patella
106178		Suicide and self inflicted injury by barbiturates
	S133y00	Other specified open fracture of pubis
	7K1L400	Closed reduction of fracture of hip
	S22z.00	Fracture of humerus NOS
	S135800	Open fracture dislocation of sacro-iliac joint
	S201z00	Open fracture of clavicle NOS
	S250.00	Closed fracture of metacarpal bone(s)
	SH4z.00	Burn of wrist or hand NOS
	S12z.00	Fracture of rib(s), sternum, larynx or trachea NOS
+5,23	J122.00	asta. 2 of flotof, sternam, far ynn of trachea 1405

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94585 S491x00	Open dislocation of multiple cervical vertebrae
100345 S421300	Open traumatic dislocation elbow joint, medial
6312 SD6yz00	Superficial injury of lower limb, without infection, NOS
55442 SH32200	Superficial partial thickness burn of the elbow
53948 SD6z200	Superficial injury of knee NOS, infected
44538 S230A00	Closed fracture radius and ulna, proximal
99591 SB30000	Axillary vessel injury, unspecified
25414 SA22.11	Open wound of foot with tendon injury
99508 7K6Gd00	Primary closed reduction # dislocation+other extrnal immobil
59613 S72y.00	Multiple intrathoracic organ injury with open wnd to cavity
63402 S490600	Closed dislocation C5/C6
5567 S0119	Temporal bone fracture
6195 S200	Fracture of upper limb
62977 S010.00	Closed fracture base of skull without intracranial injury
70946 TKx0.00	Suicide + selfinflicted injury-jump/lie before moving object
100159 S321100	Open fracture patella, proximal pole
96135 S751000	Spleen injury with open wound into cavity, unspecified
33788 SF23100	Closed crush injury, thumb
41558 S4D2000	Closed fracture-subluxation digit, unspecified
91156 SH34300	Deep full thickness burn of upper arm, no loss of body part
56079 TN2y.00	Injury ?accidental, poisoning by other spec gas or vapour
34726 F552200	Ear ossicle dislocation
63633 S331600	Open fracture spine, tibia
29701 J012.00	Abrasion of teeth
6196 SC20.11	Late effect of head injury
27810 SJ61.00	Femoral nerve injury
49571 SF32400	Open crush injury, foot
5938 S5Q6.00	Injury of tendon of the rotator cuff of shoulder
71630 SH42.11	Blister of wrist and hand, second degree burn
4629 7K1L.00	Other closed reduction of fracture of bone
71500 S760z00	Kidney injury without mention of open wound into cavity NOS
4582 S26z.00	Fracture of one or more phalanges of hand NOS
62076 SB1y000	Intercostal artery injury
52810 S8111	Ocular open wound
3253 SJz00	Nerve and spinal cord injury NOS
12614 SD01000	Abrasion of face, infected
104120 SH12A00	Deep partial thickness burn of unspecified part of face/head
99404 SJ62100	Open injury posterior tibial nerve
52912 S441000	Open traumatic dislocation of finger, unspecified
104755 S113A00	Opn spinal fracture with posterior thorac cord lesion, T7-12
21679 S440400	Closed traumatic dislocation, proximal interphalangeal joint
53976 S101200	Open fracture axis
17424 N083A00	Recurrent dislocation of shoulder - anterior
70196 SD1z100	Superficial injury of chest wall NOS, infected
22182 SD21200	Abrasion of axilla, infected
15927 S352.00	Closed fracture of other tarsal and metatarsal bones
73052 SJ67400	Injury of other nerves at ankle and foot level
5320 SE33200	Contusion, fingernail (includes subungual haematoma)
66231 S353400	Open fracture medial cuneiform
31797 S0411	Multiple face fractures

9347 SD81100	Superficial laceration of cornea
3008 S646.00	Head injury
67321 S420100	Closed traumatic dislocation elbow joint, anterior
5140 TN61.00	Injury ?accidental, by stabbing instrument
17249 S4H00	Fracture-dislocation or subluxation foot
42972 S311.00	Open fracture of femur, shaft or unspecified part
475 S400	Dislocations and subluxations
15860 SE00.00	Contusion, forehead
70485 SH33300	Full thickness burn of the upper arm
4954 SE21.00	Contusion, chest wall
4896 SD00000	Abrasion, face
4310 S352300	Closed fracture cuboid
24728 SF00000	Crush injury, cheek
4869 S8z11	Laceration NOS
70954 S933100	Degloving injury, finger, multiple
17438 S835400	Open wound of lip with complication
51657 \$496600	Closed traumatic dislocation costo-vertebral joint
73152 TM5z.00	Injury due to legal intervention by other means NOS
41698 S134300	Closed fracture pelvis, ischial tuberosity
2888 S2500	Fracture of metacarpal bone
70860 S735200	Transverse colon injury with open wound into cavity
54145 S331200	Open fracture of tibia and fibula, proximal
28398 SK1x500	Multiple open wounds of abdomen, lower back and pelvis
98032 SB0y.00	Other head and neck blood vessel injury
35620 S342100	Closed fracture ankle, lateral malleolus, high
70653 S221700	Open fracture proximal humerus, four part
4707 SH20200	Unspecified thickness burn of the chest wall
4641 7K1T100	Debridement of open fracture
72525 S130000	Closed fracture acetabulum, anterior lip alone
17535 S912	Open wound of arm
12654 S836.00	Open wound in mouth
45517 S3x00	Other, multiple and ill-defined fractures of lower limb
12744 S800	Open wound of head, neck and trunk
71071 S902.00	Open wound of shoulder/upper limb with tendon involvement
105131 SH45.14	Deep third degree burn of wrist with loss of a body part
58964 SH22600	Superficial partial thickness burn of the genitalia
97476 S4C1300	Open fracture-dislocation carpometacarpal joint
4379 SH20500	Unspecified thickness burn of the buttock
4352 SH30.00	Unspecified thickness burn of the arm
6743 S521.11	Tendon injury - hand
65531 SB4x000	Injury of multiple blood vessels at hip and thigh level
49840 S02y000	Fracture of alveolus, open
38355 S312500	Closed fracture distal femur, lateral condyle
49256 S4C1100	Open fracture-dislocation radiocarpal joint
43570 S230.00	Closed fracture of proximal radius and ulna
51189 SF1z.00	Crush injury, trunk NOS
29899 S200300	Closed fracture clavicle, lateral end
14834 S108.00	Closed fracture pelvis, coccyx
29103 7K1KE00	Primary closed reduction of fracture and external fixation
106283 S023700	Open fracture of mandible, alveolar border of body

27736 S834z00	Onen wound of face NOS
62337 S110000	Open wound of face, NOS Cls spinal fracture with unspec cervical cord lesion, C1-4
3888 S104.00	Closed fracture lumbar vertebra
	Injury of unspecified blood vessel at wrist & hand level
24861 SB3W.00	· · · · · · · · · · · · · · · · · · ·
3767 SA00100	Open wound of thigh
41888 7K1G200	Primary open reduction+external fixation of femoral fracture
40304 S261K00	Open fracture finger middle phalanx
53622 S221100	Open fracture proximal humerus, neck
55737 SB20.00	Abdominal aorta injury
30204 SE32200	Contusion hand, palm
67079 SD10700	Abrasion, flank
32009 SR10.00	Fractures involving head with neck
34416 S750000	Spleen injury without open wound into cavity, unspecified
44700 S261E00	Open fracture finger proximal phalanx, base
7928 SE43.00	Contusion, toe
15877 S106.00	Closed fracture sacrum
12728 SA000	Open wound of hip and thigh
17952 S23x100	Closed fracture of radius (alone), unspecified
5301 S302.00	Closed fracture of proximal femur, pertrochanteric
44730 SF23400	Open crush injury, thumb
3180 SA10200	Open wound of ankle
73097 TN72.00	Injury ?accidental, fall from natural site
49936 SD21000	Abrasion of shoulder, infected
33768 S330600	Closed fracture spine, tibia
51773 SJ100	Injury to other cranial nerves
19243 SC30.00	Late effect of internal chest injury
37904 S022x00	Closed fracture of mandible, multiple sites
48778 S7300	Gastrointestinal tract injury
2862 S234700	Closed Smith's fracture
2771 S9200	Open wound of hand, excluding finger(s)
24615 S4J1200	Open fracture-dislocation sterno-clavicular joint, anterior
104681 SB2y000	Ovarian artery injury
53623 7K6Fy00	Primary open reduction of traumatic dislocation of joint OS
40445 S4H1000	Open fracture-dislocation, subtalar joint
96755 SC33.00	Late effect of injury to blood vessel head/neck/extremities
107964 S780100	Adrenal gland injury without mention of open wound to cavity
105046 SH32x00	Partial thickness burn of multiple sites of the arm
61389 7J42M00	Primary cls reduc spinal fracture+skull traction stabilisatn
52774 SH54400	Deep full thickness burn of lower leg without loss of body
34233 S450.00	Closed traumatic dislocation of hip
16980 SH21100	Superficial burn of the breast
41167 SJ12.00	Trigeminal (5th) nerve injury
43681 S260500	Closed fracture thumb proximal phalanx, shaft
35789 S4A2.00	Closed fracture-subluxation shoulder
27361 7J12y00	Other specified reduction of fracture of mandible
60562 S490500	Closed dislocation C4/C5
2325 S834000	Open wound of face, unspecified
44943 S260H00	Closed fracture finger proximal phalanx, head
18221 SB400	Injury to blood vessels of leg
3435 SD6y100	Superficial injury thigh NOS
2.33 330,100	

22244		
	SC02.00	Late effect of fracture of arm
	S913200	Degloving injury wrist, volar
	S220300	Closed fracture proximal humerus, greater tuberosity
	S912000	Open wound of forearm with tendon involvement
	S5yz100	Muscle injury / strain
	S111.00	Open fracture of cervical spine with spinal cord lesion
	SJ20000	Unspecified cervical cord injury, without bony injury, C1-4
	S226.00	Fracture of upper end of humerus
	S4013	Dislocation of temporomandibular joint
	7K6FJ00	Primary open reduction of # dislocation+wire fixation
	SF000	Crush injury, face, scalp and neck
	7J43y00	Other specified fixation of fracture of spine
1994	S3011	Hip fracture
16553	S6412	Head injury NOS
34356	S260N00	Closed fracture finger middle phalanx, neck
95622	SB22.00	Coeliac or mesenteric artery injury
53433	S411400	Open traumatic dislocation acromio-clavicular joint
62899	SE30z00	Contusion, shoulder and upper arm NOS
7211	SF22100	Crush injury, wrist
17267	SC111	Late effects of skin injury
1591	S130.00	Closed fracture acetabulum
59619	S82wz00	Other open wound of ear with complication NOS
54805	PF53100	Radioulnar synostosis and dislocation of radial head
16141	7K1Gz00	Other primary open reduction of fracture of bone NOS
21815	S450100	Closed traumatic dislocation hip joint, posterior
56509	S641z00	Intracranial inj NOS + open intracran wnd+concussion unspec
110609	S73x200	Pancreas body injury without open wound into cavity
10823	7K6H.00	Secondary reduction of traumatic dislocation of joint
1435	S00	Injury and poisoning
96123	S900400	Multiple open wounds of shoulder and upper arm
64378	S352G00	Closed tarsal fractures, multiple
1177	S2100	Fracture of scapula
1163	SK17300	Other foot injury
1136	SF4z.11	Crush injury
100555	SJ5A.00	Other foot injury Crush injury Intercostobrachial nerve injury Injury of thoracic trachea Superficial injury of foot NOS
63345	S725.00	Injury of thoracic trachea
7010	SD7y000	Superficial injury of foot NOS
96450	SH13500	Full thickness burn of the nose
37734	S835500	Open wound of jaw with complication
33602	7K1G400	Primary open reduction of fracture and cast immobilisation
28375	S13y.00	Closed fracture of pelvis NOS
	S4C2100	Closed fracture-subluxation radiocarpal joint
51299	S003.00	Open fracture vault of skull with intracranial injury
	S210400	Closed fracture scapula, blade
	S4100	Dislocation or subluxation of shoulder
	SJ4z.00	Trunk nerve injury NOS
	SH41.13	First degree burn of hand
	SB47.00	Injury of blood vessels at lower leg level
	SH14100	Deep full thickness burn of ear without loss of body part
	SD2y100	Superficial injury of scapular NOS
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1479	S4600	Dislocation or subluxation of knee
	S261P00	Open fracture finger middle phalanx, head
68556	S201300	Open fracture clavicle, lateral end
	S4H1200	Open fracture-dislocation, tarsometatarsal joint
	SK18.00	Injury of muscle and tendon of head
	S760.00	Closed injury of kidney
	7K1Jz00	Closed reduction of bone fracture and internal fixation NOS
	SJ56500	Open injury, digital nerve, multiple
	SH10200	Unspecified thickness burn of the eye
	SB45.00	Tibial blood vessel injury
	7J42y00	Other specified other reduction of fracture of spine
	SA12200	Open wound of ankle with tendon involvement
	S2200	Fracture of humerus
	7J12z00	Reduction of fracture of mandible NOS
30186	7403600	Outfracture of turbinates of nose
482	S2612	Thumb fracture excluding base
99565	S732100	Duodenum injury without mention of open wound into cavity
	S2600	Fracture of one or more phalanges of hand
	SJ52500	Open injury, ulnar nerve, dorsal sensory
36556	S261000	Open fracture of phalanx or phalanges, unspecified
48903	S463100	Closed traumatic dislocation patello-femoral joint, medial
8648	S302400	Closed fracture of femur, intertrochanteric
64021	S211200	Open fracture scapula, coracoid
47645	S938.00	Open wound of thumb with damage to nail
357	SH10000	Unspecified thickness burn of unspecified part of face/head
10102	7K1Ky00	Closed reduction of bone fracture and external fixation OS
36686	SH30600	Unspecified thickness burn of the scapular region
103049	SR15000	Cl fractures involving multiple regions upper with lower lmb
55280	S109.00	Open fracture pelvis, coccyx
45742	SJ43.00	Lateral cutaneous branch T12 injury
65988	S894400	Open wound of flank without complication
4304	S33x100	Closed fracture of fibula, unspecified part, NOS
50492	SH11z00	Superficial burn of the face, head or neck NOS
45314	S912.00	Open wound of lower arm with tendon involvement
34835	SJ200	Spinal cord injury without evidence of spinal bone injury
48586	SD0zz00	Superficial injury of head NOS, infection NOS
54189	S496500	Closed traumatic dislocation laryngeal cartilage
56373	SD11B12	Abrasion or friction burn of testis, infected
11296	S100.00	Closed fracture of cervical spine
197	S8z13	Laceration
19174	SF21000	Crush injury, forearm
137	S23x111	Fracture of radius NOS
36698	7K1Dz00	Prim open reduction fracture bone & intramedull fixation NOS
110200	S465500	Closed traumatic dislocation knee joint, rotatory
60382	S101311	C3 vertebra open fracture without spinal cord lesion
55740	SH22100	Superficial partial thickness burn of the breast
16020	S4800	Dislocation or subluxation of foot
17961	7K6G400	Closed reduction of dislocation of elbow
36328	S23xz00	Closed fracture of radius and ulna, NOS
25889	SJ56.00	Digital nerve injury

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31331	S494000	Closed dislocation of spine, unspecified
39859	S0412	Multiple skull fractures
	S8z00	Open wound of head, neck and trunk NOS
	S811	Laceration of head, neck and trunk
28299	S8A00	Open wounds involving head with neck
28307	S200200	Closed fracture clavicle, shaft
24050	SD31200	Abrasion of wrist, infected
	S140.00	Closed fracture of ill-defined bone of trunk
100677	N331.13	Sponanteous fracture
48217	S225600	Open fracture distal humerus, lateral epicondyle
	S837000	Open wound in mouth with complication, unspecified
	S84y.00	Other open wound of neck with complication
	SH11900	Superficial burn of the neck
	S010100	Closed #skull bse no intracranial injury, no loss of consc
	F4K3200	Anterior dislocation of lens
	S4E0.00	Closed fracture-dislocation, hip joint
	S647.00	Acquired brain injury
	S4011	Dislocation of mandible
	S832000	Open wound of nose, unspecified
	SC03.00	Late effect of fracture neck of femur
	S331900	Open fracture fibula, neck
	S4J3100	Open fracture-subluxation of pelvis
	S0118	Sphenoid bone fracture
	S741100	Liver haematoma and contusion with open wound into cavity
	SH11700	Superficial burn of the forehead
	S105100	Open fracture lumbar vertebra, wedge
	SJ511	Arm peripheral nerve injury
	S496300	Closed traumatic dislocation, sterno-clavicular joint, ant
	SH52800	Deep partial thickness burn of the toe(s)
	S023x00	Open fracture of mandible, multiple sites
	S835x00	Multiple open wounds of face with complication
	S465400	Closed traumatic dislocation knee joint, lateral
	S001200	Closed #skull vlt + intracranial injury, <1hr loss of consc
	S77z.00	Pelvic organ injury NOS
	TN3z.00	Injury ?accidental, hanging/strangulation/suffocation NOS
	S224200	Closed fracture distal humerus, lateral condyle
	N338000	Malunion of fracture
	S3z0.00	Closed fracture of bones, unspecified
	S330100	Closed fracture proximal fibula
	S23y200	Open fracture of ulna (alone), unspecified
	SH41300	Superficial burn of more than one finger
	SE22z00	Contusion, abdominal wall NOS
	SD2z200	Superficial injury of axilla NOS, infected
	7K6HF00	Revision to open reduction of dislocation alone
	S4D3.00	Open fracture-subluxation digit
	S002000	Open #skull vlt no intracranial injury, unspec state consc
	S251x00	Open fractures of multiple sites of unspecified metacarpus
	SE08.00	Other contusion neck
	SH51400	Superficial burn of the lower leg
61279	S261300	Open fracture thumb proximal phalanx

17383 SC13.11 Late effect of bruising 953 S321.00 Open fracture of bones, unspecified 98289 SJ33400 Sacral nerve root injury - S5 48941 SH84.00 Burn involving 40-49% of body surface (BS) 99295 SH55.00 Deep full thickness burn of leg, with loss of body part 152545 SJ66X00 Injury of unspecified nerve at lower leg level 22329 S312.11 Closed fracture of femur, distal end 152672 S523D00 Volar plate injury, thumb, metacarpophalangeal joint 14494 S02B.00 Le Fort II fracture maxilla 140752 S4I00 Other fracture-dislocation or subluxation 157299 S710.00 Heart injury, closed 140786 SJ50.00 Axillary nerve injury 140817 S4D2400 Closed fracture-subluxation, proximal interphalangeal join 14081 SD10000 Abrasion, interscapular 17194 SA02100 Open wound of thigh with tendon involvement 17198 S723.00 Open injury other intra-thoracic structure 17198 S723.00 Open injury other intra-thoracic structure 17198 S723.00 Closed crush injury wrist, dorsum 17198 S723.00 Sucide and selfinflicted injury NOS 17564 S242100 Fracture of first metacarpal bone 17198 S11 SJ42.00 Closed fracture of scapula 17036 8HB9.00 Fracture therapy follow-up 17199 S73.11 Open wound of toenail 17036 SHB9.00 Fracture therapy follow-up 17199 S73.11 Open wound of toenail 17037 S153200 Open injury, radial nerve 170407 S235C00 Open fracture distal radius, intra-articular, die-punch 17253 SH31200 Superficial burn of the arm NOS		
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104070 S235C00 Open fracture distal radius, intra-articular, die-punch Superficial burn of the arm NOS	41706 SD50100	Abrasion, thumb
52353 SH31z00 Superficial burn of the arm NOS	22393 7K1JH00	Primary wire fixation of fracture
	104070 S235C00	Open fracture distal radius, intra-articular, die-punch
	52353 SH31z00	·
52346 S346100 Closed fracture ankle, trimalleolar, high fibular fracture	52346 S346100	Closed fracture ankle, trimalleolar, high fibular fracture
7159 S363.00 Fracture of other toe	7159 S363.00	Fracture of other toe
37582 S4D1400 Open fracture-dislocation, proximal interphalangeal joint	37582 S4D1400	Open fracture-dislocation, proximal interphalangeal joint
10167 S2411 Hand fracture - carpal bone	10167 S2411	Hand fracture - carpal bone
41720 SD01 11 Abrasion or friction burn of head infected	41720 SD01.11	Abrasion or friction burn of head, infected
41720 3D01.11 Abiasion of inction burn of flead, infected	41753 S4900	Other, multiple and ill-defined dislocations or subluxations
	30363 7L0G000	Open reduction of congenital dislocation of hip
41753 S4900 Other, multiple and ill-defined dislocations or subluxations	94573 SJ56000	Closed injury, common digital nerve
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip	96569 S481A00	Open traumatic dislocation, subtalar joint
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve	97289 S421y00	Other open traumatic dislocation of elbow
 41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 	27602 S932.11	Open wound of finger with tendon injury
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow	2660 S28z.00	Ill-defined fractures of upper limb NOS
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury	17524 S831.00	Open wound of scalp with complication
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS	60556 SF20400	Closed crush injury, shoulder area
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication	41906 SD0y.00	Superficial injury of head NOS
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E2216 C216100 Closed tracture applies trimelled on high tibular tracture		·
7159 S363.00 Fracture of other toe	7159 S363.00	Fracture of other toe
37582 S4D1400 Open fracture-dislocation, proximal interphalangeal joint	37582 S4D1400	Open fracture-dislocation, proximal interphalangeal joint
10167 S2411 Hand fracture - carpal bone	10167 S2411	Hand fracture - carpal bone
41720 CD01 11 Abracian or friction burn of head infected	41720 SD01.11	Abrasion or friction burn of head, infected
41753 S4900 Other, multiple and ill-defined dislocations or subluxations		
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55102	SF3z.00	Crush injury, lower limb NOS
42867	SB4X.00	Injury of unspecified blood vessel at hip & thigh level
70795	SJ52300	Closed injury, ulnar nerve, deep motor
12767	SD51.00	Abrasion or friction burn of finger, infected
55644	SH12111	Ear - 2nd degree burn
34195	S134800	Closed fracture dislocation of sacro-iliac joint
60627	S615.00	Open hindbrain contusion
28196	SJ31.11	Dorsal nerve root injury
28149	7K6G000	Primary closed reduction # dislocation jnt+skeletal traction
2887	7K1L100	Manipulation of fracture of bone NEC
1548	S228.00	Fracture of lower end of humerus
42186	7K1Jy00	Closed reduction of bone fracture and internal fixation OS
21040	SH42.00	Partial thickness burn of the wrist and hand
10735	S2111	Shoulder blade fracture
52650	TG80D00	Accidental burning or scalding by steam from car radiator
520	S31z.00	Fracture of femur, NOS
69362	7K6H411	Remanipulation of fracture dislocation alone
20249	SH93.00	Full thickness burn NOS
42430	SC15.11	Late effect of burn of head or neck
2215	SH90.00	Unspecified degree of burn NOS
37986	S261800	Open fracture thumb distal phalanx
70883	SJ1y.00	Other specified cranial nerve injury
56998	SH43300	Full thickness burn of more than one finger
28118	S333000	Open fracture shaft of tibia
65769	S833300	Open wound of nasal sinus with complication
60804	SH30x00	Unspecified thickness burn of multiple sites of the arm
64777	S131z00	Open fracture acetabulum NOS
42937	TK71.00	Suicide+selfinflicted injury-jump from oth manmade structure
63985	TD15.00	Burning caused by conflagration in other structure/building
17057	SF31100	Crush injury, knee
9174	S3x4.00	Multiple fractures of foot
12113	SD20300	Abrasion, upper arm
12689	S4411	Dislocation of thumb
58831	TN80.00	Injury ?accidental, by jumping or lying before moving object
42902	S4H1400	Open fracture-dislocation, IPJ, single toe
10933	SD6y000	Superficial injury of hip NOS
27558	7K6G500	Closed reduction of dislocation of wrist
6667	S132100	Closed fracture pelvis, multiple pubic rami - stable
42957	S230z00	Closed fracture of proximal forearm not otherwise specified
103264	SA23000	Degloving injury foot, plantar
60535	N083.11	Redislocation of joint
42968	S104000	Closed fracture lumbar vertebra, burst
66292	S490000	Closed dislocation of cervical spine, unspecified
	SA300	Open wound of toe(s)
	S836200	Open wound of gum
	S023.11	Fracture of lower jaw, open
	SE22.00	Contusion, abdominal wall
	S23z.00	Fracture of radius and ulna, NOS
	S114.00	Closed fracture of lumbar spine with spinal cord lesion
99957	SJ6x.00	Other pelvic girdle and lower limb peripheral nerve injury

20004 6022000	
29091 S022000 43342 S837200	Closed fracture mandible (site unspecified) Open wound of gum with complication
43596 S421000	
43418 S624.11	Open traumatic dislocation of elbow, unspecified Epidural haematoma following injury
44844 S234C00	Closed fracture distal radius, intra-articular, die-punch
44844 3234C00 44826 S121200	· · · · · · · · · · · · · · · · · · ·
7576 SD15	Open fracture of two ribs Friction burns
43355 TN85.00	Injury ?accidental, by crashing of motor vehicle
72392 SJ41z00	
65493 7G2C500	Sympathetic nerve injury NOS
	Tangent excision of burnt skin of head or neck
63071 S4D2500 9917 S347.00	Closed fracture-subluxation, interphalangeal joint thumb
94236 S4J1000	Open fracture dislocation of stornum
	Open fracture-dislocation of sternum
106186 SB1y500 17921 S4C2.00	Hemiazygos vein injury Closed fracture-subluxation of the wrist
43730 7J03300	Reduction of closed fracture of orbit bone
43735 SH41200	Superficial burn of the thumb
43741 SJ10.11 8255 S1000	Third cranial nerve injury
44841 SH43400	Fracture of spine without mention of spinal cord injury Full thickness burn of the thumb and finger(s)
67011 S261x00	Open fracture of phalanx or phalanges, multiple sites
37662 S310000	Closed fracture of femur, unspecified part
21248 SJ51.00 97120 S101211	Median nerve injury C2 vertebra open fracture without spinal cord lesion
46456 TKx1.00	Suicide and selfinflicted injury by burns or fire
103279 SH24000 48739 S933300	Deep full thickness burn of trunk unsp, no loss of body part
44156 S241400	Ring avulsion injury, class 2
44136 S241400 44226 S86z.00	Open fracture pisiform Open wound of back NOS
44226 3862.00 44276 S331300	Open fracture proximal tibia, medial condyle (plateau)
34351 S300600	Closed fracture proximal femur, subcapital, Garden grade I
106986 S710300	
71454 TN0z.00	Heart laceration, closed with penetration of heart chamber Injury ?accidental, poisoning by solid or liquid subst NOS
106486 S620z00	Subarach h'ge inj no open intracran wnd + concussion unspec
69933 SC44000	Sequelae of burn, corrosion and frostbite of trunk
4737 S34x.00	Closed fracture ankle, unspecified
54198 7K6H200	Secondary open reduction fracture dislocation of joint NEC
66774 S235z00	Open fracture of forearm, lower end, NOS
51946 S4D3300	Open fracture-subluxation, distal interphalangeal joint
68428 SJ7y.00	Multiple nerve injury NOS
44522 SE40.00	Contusion, hip and thigh
51700 S261U00	Open fracture finger distal phalanx, tuft
23080 TK300	Suicide + selfinflicted injury by hang/strangulate/suffocate
28841 SH33100	Full thickness burn of the forearm
63679 S011.00	Closed fracture base of skull with intracranial injury
73234 S301y11	Open fracture of femur, subcapital
42121 SE41.00	Contusion, knee and lower leg
33845 S260U00	Closed fracture finger distal phalanx, tuft
42502 SC01.00	Late effect of fracture of spine/trunk without cord lesion
47478 S280.00	Closed ill-defined fractures of upper limb
7/7/0 3200.00	ciosca in actifica fractares of apper millo

47274 T032.00	Train accident involving burning
71282 S303200	Open fracture proximal femur, subtrochanteric
106473 SF32500	Open crush injury, ankle
44652 S4C2000	Closed fracture-subluxation, distal radio-ulnar jt
52083 S224500	Closed fracture of distal humerus, trochlea
55627 S101.00	Open fracture of cervical spine
64222 7K1Kz00	Closed reduction of bone fracture and external fixation NOS
27854 S134600	Closed fracture pelvis, iliac wing
98600 S780200	Bile duct/gallbladder injury without open wound into cavity
55939 S353700	Open fracture metatarsal
27567 S352C00	Closed fracture metatarsal shaft
3555 SE05.00	Contusion, ear
6320 S312100	Closed fracture of femoral condyle, unspecified
64112 S80y.00	Other open ocular adnexa wound
44737 S260J00	Closed fracture finger proximal phalanx, multiple
21816 SH11000	Superficial burn of unspecified part of the face or head
4860 SA12	Laceration - leg
100158 7K6GS00	Primary closed reduction of dislocation and skin traction
99364 S741200	Liver minor laceration with open wound into cavity
34429 S4C0.00	Closed fracture dislocation of wrist
57405 SH54200	Deep full thickness burn of foot without loss of body part
53348 7K1Fy00	Primary open reduction of intraarticular fracture bone OS
101109 S451z00	Open traumatic dislocation of hip not otherwise specified
44868 SH41.00	Superficial burn of the wrist and hand
34371 S230400	Closed fracture of proximal ulna, comminuted
70282 S025.11	Fracture of upper jaw, open
94450 S010200	Closed #skull bse no intracranial injury, <1hr loss of consc
16522 SAz00	Open wound of lower limb NOS
65273 SJ30000	Cervical nerve root injury - C1
45094 S260W00	Closed fracture finger distal phalanx, multiple
2461 S0100	Fracture of base of skull
104988 SD1zz00	Superficial injury of trunk NOS, infection NOS
39708 S4D0200	Closed fracture-dislocation IPJ, unspecified
40325 SH51.00	Superficial burn of the leg
39666 S722100	Closed fracture hamate, book
39458 S240900	Closed fracture hamate, hook
66916 S923100	Degloving injury hand, dorsum
56327 \$721.00	Open injury of diaphragm
39396 S303400	Open fracture of femur, intertrochanteric
107741 S234A12	Closed dorsal Barton fracture-subluxation
39376 S837400	Open wound of tongue with complication
105406 SJ22100	Complete lumbar cord injury without bony injury
62960 S4B0100	Closed fracture-dislocation superior radio-ulnar joint
70436 \$732.00	Small intestine injury without open wound into cavity
39289 S430300	Closed traumatic dislocation mid carpal joint
105816 S345100	Open fracture ankle, bimalleolar, high fibular fracture
88998 SH12311	Lip - 2nd degree burn
12607 SD70.00	Abrasion/friction burn of foot and toe, without infection
92830 SR12000	Closed fractures involving multiple regions of one upp limb
49870 7K1G000	Prmy open reduction of fracture and skeletal traction

720	C12 00	Fracture or discussion of polyic
	S1300 SF400	Fracture or disruption of pelvis Crush injury, multiple and unspecified sites
	SH31400	Superficial burn of the axilla
	SC1A.00	Late effect of burn of upper limb
	S89vz00	Other and unspecified open wound of trunk, NOS
	SD81.00	Superficial injury of cornea
	SH12J00	Deep partial thickness burn of the cheek
	SH40x00	Unspecified thickness burn of multiple sites of wrist/hand
	S100111	C1 vertebra closed fracture - no spinal cord lesion
	S4F2.00	Closed fracture-subluxation, knee joint
	SD1yB00	Superficial injury scrotum+testis NOS without mj open wound
	S7B00	Injury of intra-abdominal organ(s) with pelvic organ(s)
	SH10400	Unspecified thickness burn of the chin
	SH82z00	Burn: 20-29% of body surface NOS
	SE42.00	Contusion, ankle and foot, excluding toe(s)
	S726.00	Injury of pleura
	S89wz00	Other and unspecified open wound trunk with complication NOS
	7K1L900	Closed reduction of fracture of metatarsus
	SR12.00	Fractures involving multiple regions of one upper limb
	SB45300	Posterior tibial artery injury, unspecified
	S250B00	Closed fracture thumb metacarpal neck
	SF21500	Open crush injury, elbow area
	S251400	Open fracture finger metacarpal neck
	S251400 S252.00	Closed fracture sesamoid bone of hand
	SD11900	Abrasion of perineum, infected
	S232.00	Closed fracture of radius and ulna, shaft
	S492000	Closed dislocation lumbar spine
		Open fracture finger distal phalanx, shaft
	S261T00 S340.00	
		Closed fracture ankle, medial malleolus
	TN54.00	Injury ?accidental, by other firearm
	SB40.00	Common femoral artery injury
	S024z00	Fracture of malar or maxillary bones, closed, NOS
	S353E00	Open fracture metatarsal head
	S023.00	Fracture of mandible, open
	TG80700	Accidental burning or scalding caused by coffee
	S261H00	Open fracture finger proximal phalanx, head
	TG80y00	Accidental burning or scalding caused by other hot vapour
	S101711	C7 vertebra open fracture without spinal cord lesion
	SE23z00	Contusion, back NOS
	S352H00	Closed fracture of cuneiforms
	S022100	Closed fracture of mandible, condylar process
	SB30z00	Axillary blood vessel injury NOS
	S4C3.00	Open fracture-subluxation of the wrist
	SH80z00	Burn:<10% of body surface NOS
	S82vz00	Other open wound of ear NOS
	S603.00	Concussion with >24 hrs loss of consc with full recovery
	SE1z.11	Eye injury
	S4C00	Fracture-dislocation or subluxation of wrist
	S490x00	Closed dislocation of multiple cervical vertebrae
3937	S352700	Closed fracture metatarsal

	\$493.00	Open dislocation of thoracic and lumbar spine
	SE07.00	Contusion, throat
	SD6y.00	Superficial injury of lower limb NOS, without infection
	S492.11	Closed dislocation of thoracic and lumbar vertebra
	S4D0100	Closed fracture-dislocation, metacarpophalangeal joint
	\$033.00	Open fracture of skull NOS with intracranial injury
	SD30100	Abrasion, forearm area
	SD3z200	Superficial injury of wrist NOS, infected
	S33x.11	Lower leg fracture NOS
	S910000	Open wound of forearm
	N083I00	Recurrent dislocation of the hip
	SD1y700	Superficial injury of flank NOS, without major open wound
	SE01.00	Contusion, cheek
	S836500	Open wound of mouth floor
	S737.00	Injury of small intestine
	7K6G.00	Primary closed reduction of traumatic dislocation of joint
54660	S320300	Closed fracture patella, vertical
	SH54000	Deep full thickness burn of leg unsp, no loss of body part
	SC06.00	Late effect of dislocation
	7K6GE00	Closed reduction of dislocation of toe
	S343100	Open fracture ankle, lateral malleolus, high
	TK01400	Suicide and self inflicted injury by Phenobarbitone
	SJ34.00	Brachial plexus injury
	SF10200	Crush injury, vulva
104950	SH44.13	Deep third degree burn of thumb, without loss of a body part
	\$1400	Fracture of ill-defined bones of trunk
37116	SH70100	Burn of the gum
34993	S4J0.00	Other closed fracture-dislocation
50270	SR1z.00	Multiple fractures, unspecified
49140	SJ32000	Lumbar nerve root injury - L1
32400	TG80300	Accidental burning or scalding caused by steam
44548	SD20000	Abrasion, shoulder area
70479	S303z00	Open fracture of proximal femur, pertrochanteric, NOS
	SK14.11	Tendon injury to hand NOS
	S001.00	Closed fracture vault of skull with intracranial injury
	TN000	Injury ?accidental, poisoning by solid/liquid substances
58616	SB4z.00	Leg blood vessel injury NOS
59904	S130y00	Other specified closed fracture acetabulum
94352	SF31z00	Crush injury, knee and lower leg NOS
29517	SJ64.00	Cutaneous sensory nerve of lower limb injury
64595	SJ41100	Coeliac plexus injury
36599	S300800	Closed fracture proximal femur, subcapital, Garden grade III
60633	S023100	Open fracture of mandible, condylar process
66411	S84x000	Open wound of neck nape
73702	SA00z00	Open wound hip and thigh, NOS
8968	S120A00	Cough fracture
31136	SH40200	Unspecified thickness burn of the thumb
42960	7K6FM00	Primary open reduction of # dislocation+fixation+screw(s)
54766	SH43600	Full thickness burn of the back of hand
62648	SC3C300	Seq of crushing injury+traumatic amputation of upper limb

	SH30200	Unspecified thickness burn of the elbow
	7K1Dy00	Prim open reduction fracture bone & intramedullary fixatn OS
	S100900	Closed fracture atlas, comminuted
	7K6F500	Primary open reduction of dislocation alone
	S330.00	Closed fracture of tibia and fibula, proximal
	S242300	Multiple fractures of metacarpal bones
	S3000	Fracture of neck of femur
	S63z.00	Other cerebral haemorrhage following injury NOS
	TNz00	Injury undetermined accidental or purposely inflicted NOS
	S902.11	Open wound of arm with tendon injury
	SH24400	Deep full thickness burn of back without loss of body part
	SH53200	Full thickness burn of the foot
	TK12	Injury - self-inflicted
	7K1JJ00	Revision to wire fixation of fracture
	SB011	Injury to blood vessel of neck
	SJ56300	Open injury, common digital nerve
	S8011	Open wound of eyelid
	SH52600	Superficial partial thickness burn of the thigh
	S242000	Fracture of scaphoid
	63CB.00	Risk of non-accidental injury
	SF22600	Open crush injury wrist, dorsum
	S113000	Opn spinal fracture with unspec thoracic cord lesion, T1-6
	S350.12	Os calcis fracture
	SE311	Arm bruise
	S353100	Open fracture of talus
	S7900	Internal injury NOS
	S441.00	Open traumatic dislocation digit
	SH21600	Superficial burn of the genitalia
	SE30200	Contusion, axillary area
	SK1FX00	Injury of unspecified muscle & tendon of ankle and foot
	S630.12	Intracranial haematoma following injury
	SH32300	Superficial partial thickness burn of the upper arm
	S313500	Open fracture distal femur, lateral condyle
	SA4z.00	Multiple and unspecified open wound of lower limb NOS
	SJ63000	Closed injury common peroneal nerve
	SK10500	Other nose injuries
	SA20200	Open wound foot, dorsum
	S028200	Fracture of malar and maxillary bones
	S211300	Open fracture scapula, glenoid
70994	TN1z.00	Injury ?accidental, poisoning by gas in domestic use NOS
34761	SJ60.00	Sciatic nerve injury
44343	S02A.00	Le Fort I fracture maxilla
28966	7J43000	Primary open reduc spinal fracture+internal fix+plate
	S371.00	Open fracture of lower limb, level unspecified
	SE11.12	Bruise of periocular tissue
28226	SJ53100	Closed injury, radial nerve, sensory branch
70146	SB45200	Anterior tibial vein injury
63895	S821000	Open wound of external ear with complication, unspecified
40368	S370.00	Closed fracture of lower limb, level unspecified
54602	SF22500	Closed crush injury hand, palm

35265	S440200	Closed traumatic interphalangeal dislocation
	SJ5z.00	Shoulder girdle or upper limb peripheral nerve injury NOS
	S4H2200	Closed fracture-subluxation, tarsometatarsal joint
94435	S211z00	Open fracture of scapula NOS
	SD80011	Abrasion or friction burn of eyelid
34980	N082.11	Spontaneous joint dislocation
1742	S234200	Closed fracture of the distal radius, unspecified
35133	SP04X00	Dislocation of joint prosthesis
73802	SH52700	Deep partial thickness burn of the leg, unspecified
17138	7J17700	Traction for fracture of jaw
68992	7K1H400	Secondary open reduct fracture bone & external fixation \ensuremath{HFQ}
55433	SD1y.00	Superficial injury trunk NOS, without major wound/infection
70610	S833000	Open wound of nose with complication, unspecified
35031	S232300	Closed fracture radius and ulna, middle
44786	S331400	Open fracture proximal tibia, lateral condyle (plateau)
53677	S224900	Closed fracture distal humerus, bicondylar (T-Y fracture)
64685	SJ20900	Central cervical cord injury, without bony injury, C5-7
44323	SJ55.00	Cutaneous sensory nerve injury of upper limb
34970	S912200	Open wound of wrist with tendon involvement
102245	SK17700	Popliteus injury of knee
70484	S77v200	Prostate injury without mention of open wound into cavity
34907	S210200	Closed fracture scapula, coracoid
36784	SH52900	Deep partial thickness burn of the foot
28926	7J12100	Open reduction of fracture of mandible NEC
23471	S410000	Closed traumatic dislocation shoulder joint, unspecified
53481	SH34200	Deep full thickness burn of elbow without loss of body part
34827	TN83.00	Injury ?accidental, by extremes of cold
34826	S835200	Open wound of forehead with complication
70313	S77w200	Prostate injury with open wound into cavity
61936	S430111	Radioulnar dislocation - distal
63992	SJ1y000	Olfactory (1st) nerve injury
25907	SK15400	Finger injury
63542	S901200	Open wound of axillary region with complication
34730	S235700	Open Smith's fracture
97292	SH94.00	Deep full thickness burn, without loss of body part, NOS
18389	S234000	Closed fracture of forearm, lower end, unspecified
34708	S134100	Closed fracture pelvis, ischium
28731	S4F1.00	Open fracture-dislocation, knee joint
40579	TG80400	Accidental burning/scalding by boiling water from kettle
55814	S241A00	Open fracture scaphoid, proximal pole
34453	SE24000	Contusion, perineum
34426	S230500	Closed fracture of the proximal ulna
26304	SB12.00	Subclavian artery injury
70590	S23y000	Open fracture of forearm, unspecified
3038	S834300	Open wound of eyebrow
8410	S231B00	Open fracture olecranon, intra-articular
34396	7K1G100	Prmy open reduction of fracture and external fixation
102735	S110700	Cls spinal fracture with complete cervcl cord lesion, C5-7
6213	S23C.00	Fracture of lower end of both ulna and radius
56750	SH12.11	Blister of face, head and neck, second degree burn

28846 S8100	Open wound of eyeball
12770 S6100	Cerebral laceration and contusion
32771 8BC7.00	Glueing of wound
16659 SC16.00	Late effect of burn of wrist and hand
56746 SH23500	Full thickness burn of the buttock
105532 S802.11	Laceration of lacrimal passage
5345 S4A00	Fracture-dislocation or subluxation shoulder
108187 TK53.00	Suicide and selfinflicted injury by military firearms
24620 S352B00	Closed fracture metatarsal base
34302 S4G0.00	Closed fracture-dislocation, ankle joint
28913 S022400	Closed fracture of mandible, ramus, unspecified
61426 TN800	Injury ?accidental, by other means
70083 SB21100	Hepatic vein injury
61254 SH13.00	Full thickness burn of the face, head or neck
63588 S235E00	Open fracture distal radius, intra-articular other type
59959 S001z00	Closed #skull vlt with intracranial injury+concussion unspec
73430 S000z00	Closed #skull vlt no intracranial injury + concussion unspec
34172 S225.00	Open fracture of the distal humerus
25765 S44z.00	Dislocation of finger or thumb not otherwise specified
40268 S234800	Closed Galeazzi fracture
34151 S334000	Closed fracture distal tibia, extra-articular
34121 S421.00	Open traumatic dislocation elbow joint
42963 SD50200	Abrasion, finger, multiple
72611 S882200	Degloving injury scrotum
47783 SH21400	Superficial burn of the back (excluding buttock)
38590 S4J1.00	Other open fracture-dislocation
59729 SJ67X00	Injury of unspecified nerve of ankle and foot
73437 SH85400	Burn: 50-59% of body surface, 40-49% BS full thickness
6839 S339000	Closed fracture of distal fibula
37851 TG80600	Accidental burning or scalding caused by tea
32660 SJ35.00	Lumbosacral plexus injury
7489 SD6y400	Superficial injury of ankle NOS
25669 SE30300	Contusion, upper arm
41824 SH41400	Superficial burn of the thumb and finger(s)
43792 S24z.00	Fracture of carpal bone NOS
53688 S221000	Open fracture of proximal humerus, unspecified part
60778 S420y00	Other closed traumatic dislocation of elbow
8633 SF100	Crush injury, trunk
20253 S352000	Closed fracture of tarsal bone, unspecified
33933 S230000	Closed fracture of proximal forearm, unspecified part
50227 S321000	Open fracture patella, transverse
17097 TN00	Injury undetermined whether accidentally/purposely inflicted
43301 S490111	Closed dislocation of atlanto-axial joint
33905 S250200	Closed fracture finger metacarpal base
52406 S220500	Closed fracture of humerus, upper epiphysis
38620 SJ67200	Injury of cutaneous sensory nerve at ankle and foot level
103416 S261C00	Open fracture thumb distal phalanx, mallet
31073 S411411	Open dislocation of acromioclavicular joint
33866 S261M00	Open fracture finger middle phalanx, shaft
65890 SH24300	Deep full thickness burn of abdom.wall, no loss of body part

00563	CD 40000	Classed injury, common formarel autom.
	SB40000	Closed injury, common femoral artery
	TN3y.00	Injury ?accidental, other means of hang/strangle/suffocate
	7206400 S235500	Open reduction of fracture of orbit and internal fixation Open fracture distal ulna - other
	S333z00	Open fracture distardina - other Open fracture of tibia and fibula, shaft, NOS
	7K1L800	Closed reduction of fracture of ankle
	S490700	Closed dislocation C6/C7
	S781211	·
	Q203600	Bile duct injury with open wound into cavity Other dislocation or subluxation due to birth trauma
	7K6G800	Closed reduction of dislocation of upper limb
	S49y.00	Other open multiple and ill-defined dislocation
	SJ21600	Unspecified thoracic cord injury, without bony injury, T7-12
	7K6Gz00	Primary closed reduction of traumatic joint dislocation NOS
	SJ5X.00	Injury of unspecified nerve at wrist and hand level
	\$605.00	Concussion with loss of consciousness of unspec duration
	SC15.00	Late effect of burn of eye, head and neck
	SF20800	Closed crush injury, clavicular area
	S331011	Open fracture of tibial condyles
	SH22A00	Deep partial thickness burn of the abdominal wall
	S821100	Open wound of ear auricle with complication
	S260400	Closed fracture thumb proximal phalanx, base
	SH12000	Superficial part. thickness burn unspecified part face/head
	SD2y000	Superficial injury shoulder NOS
	S231.00	Open fracture of proximal radius and ulna
	SF22400	Closed crush injury hand, dorsum
	S613.00	Cortex laceration with open intracranial wound
	S94z.00	Multiple and unspecified open wound of upper limb NOS
	SJ13.11	Sixth cranial nerve injury
	S4A1100	Open fracture-dislocation acromio-clavicular joint
	SD00.00	Abrasion or friction burn of head, without infection
	S294.00	Fractures involving multiple regions of both upper limbs
	SJ58.00	Supraclavicular nerve injury
	S331100	Open fracture proximal fibula
	S2912	Multiple rib fractures
	S224z00	Closed fracture of distal humerus, not otherwise specified
	S33x000	Closed fracture of tibia, unspecified part, NOS
	S235211	Dupuytren's fracture, radius - open
	SE3z.00	Contusion, upper limb NOS
	S420z00	Closed traumatic dislocation of elbow NOS
	S410z00	Closed traumatic dislocation of shoulder NOS
	SH33200	Full thickness burn of the elbow
	SH53500	Full thickness burn of the knee
	SD0y100	Superficial injury of neck NOS
	S027.00	Open orbital blow-out fracture
12068	SE32.00	Contusion wrist or hand
	S73x000	Other GIT injury without open wound into cavity, unspecified
	SH61.00	Superficial burn of multiple specified sites
	SH50600	Unspecified thickness burn of the thigh
	S492100	Closed dislocation thoracic spine
	S236.00	Fracture of upper end of ulna
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33393	S320.00	Closed fracture of the patella
33368	S64z.00	Intracranial injury NOS
31963	\$850.00	Open wound of chest wall, uncomplicated
48665	SH05.00	Burn resulting in eyeball rupture and destruction of eyeball
72266	SJ30100	Cervical nerve root injury - C2
69702	7K1K700	Primary functional bracing of fracture
33745	SH43100	Full thickness burn of a single finger
50826	SJ6x000	Closed injury obturator nerve
31959	SB22300	Splenic artery injury
62334	S261F00	Open fracture finger proximal phalanx, shaft
4306	S360.00	Closed fracture of one or more phalanges of foot
102015	S733000	Small intestine injury with open wound into cavity, unspec
32744	SK1C000	Injury of flexor muscle and tendon of thumb at forearm level
29895	SE41z00	Contusion, knee and lower leg NOS
65484	S120600	Closed fracture of six ribs
32646	S225800	Open fracture distal humerus, capitellum
32638	S125200	Closed fracture of thyroid cartilage
32541	S900300	Open wound of upper arm
32476	S736.00	Injury of stomach
42969	S344000	Closed fracture ankle, bimalleolar, low fibular fracture
53651	S750.00	Closed injury of spleen
17350	SK1F.00	Injury of muscle and tendon at ankle and foot level
32276	SD400	Superficial injury of hand, excluding fingers
33413	SH43.00	Full thickness burn of the wrist and hand
38387	SH03.00	Acid chemical burn of cornea and conjunctival sac
24253	SH93.11	Third degree burn
22347	SD11.00	Abrasion or friction burn of trunk, infected
30617	S7311	GIT - gastrointestinal tract injury
31153	S02y100	Fracture of orbit NOS, open
39697	SD3zz00	Superficial injury of lower arm, infected NOS
31664	N082100	Pathological dislocation of the shoulder region
	SK1B.00	Injury of muscle + tendon of abdomen, lower back and pelvis
63065	SH44.11	Deep third degree burn of finger, without loss of a body part
73236	SH70z00	Burn of the mouth or pharynx NOS
64633	S497300	Open traumatic dislocation, sterno-clavicular joint, ant
91919	7K1G600	Primary open reduction of fracture and skin traction
17822	S230200	Closed fracture of ulna, coronoid
91592	SD0z200	Superficial injury of scalp NOS, infected
73428	SH53x00	Full thickness burn of multiple sites of the leg
	SH20100	Unspecified thickness burn of the breast
	S201.00	Open fracture of clavicle
	SD60200	Abrasion, knee
	S225100	Open fracture distal humerus, supracondylar
	SH13000	Full thickness burn of unspecified part of the face or head
	SD50000	Abrasion, finger
	SF311	Crush injury of leg
	SD00	Superficial injury
	S12X000	Closed fracture of bony thorax part unspecified
	S112700	Cls spinal fracture with complete thorac cord lesion, T7-12
	SA00	Open wound of lower limb
1444	J,00	Open would of lower milio

31525 S250000	Closed fracture of metacarpal bone (s), site unspecified
89232 SH12600	Superficial partial thickness burn of the scalp
31427 S900.00	Open wound of shoulder/upper limb without complication
51179 SJ31400	Thoracic nerve root injury - T5
12288 SD31000	Abrasion of elbow, infected
55077 7K1LC00	Closed reduction of fracture of lower limb
10570 S30y.11	Hip fracture NOS
108596 S4H1100	Open fracture-dislocation, midtarsal joint
4350 7J13400	Reduction of Le Fort 1 fracture of maxilla
27984 SJ52400	Open injury, ulnar nerve
37496 S835100	Open wound of cheek with complication
30990 S832300	Open wound of nasal sinus
30976 TD07.00	Accident due to fall from burning private dwelling
60580 S4A2000	Closed fracture-subluxation shoulder joint
24929 SD70.11	Abrasion or friction burn of heel, without infection
106501 S497500	Open traumatic dislocation laryngeal cartilage
29959 7K6GJ00	Closed reduction of dislocation of nasal bone
6994 7J12.00	Reduction of fracture of mandible
30659 S227.00	Fracture of shaft of humerus
30159 SJ32400	Lumbar nerve root injury - L5
56804 \$894000	Open wound of hypochondrium
11872 7K1LV00	Primary closed reduction of fracture alone
6062 S356.00	Fracture of metatarsal bone
30611 S352111	Closed fracture of astragalus
55195 S11z.00	Fracture of spine with spinal cord lesion NOS
72600 S106100	Closed vertical fracture of sacrum
30424 SR00	Injury involving multiple body regions
93559 SJ31200	Thoracic nerve root injury - T3
93901 SH55200	Deep full thickness burn of foot, with loss of body part
17606 S240700	Closed fracture capitate
54797 \$490100	Closed dislocation atlanto-occipital joint
53923 S27z.00	Multiple fractures of hand bones NOS
30324 SH42300	Superficial partial thickness burn of more than one finger
44142 S225000	Open fracture of elbow, unspecified part
43448 S135400	Open fracture pelvis, anterior superior iliac spine
94607 SJ20200	Anterior cervical cord injury, without bony injury, C1-4
30213 7K1L300	Remanipulation of fracture of bone NEC
44924 S235200	Open fracture of the distal radius, unspecified
30203 S028.00	Fracture of skull and facial bones
30629 TH00	Late effects due to accidental injury
68300 SH12811	Cheek - 2nd degree burn
30133 S440500	Closed traumatic dislocation, interphalangeal joint, thumb
36139 SF22z00	Crush injury, wrist and hand NOS
35874 S480600	Closed traumatic dislocation toe, IPJ, single
12405 SD01.00	Abrasion or friction burn of head, infected
51999 S301900	Open fracture proximal femur, subcapital, Garden grade IV
8891 S300	Fracture of lower limb
30058 S1011	Fracture of transverse process spine - no spinal cord lesion
11639 S134z00	Other or multiple closed fracture of pelvis NOS
29985 SD61300	Abrasion of lower leg, infected
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50433	SH22200	Superficial partial thickness burn of the chest wall
	N083611	Knee - recurrent dislocation
48837	S261S00	Open fracture finger distal phalanx, base
64871	N082N00	Neuromuscular dislocation of the hip
25519	S250300	Closed fracture finger metacarpal shaft
89101	7206800	Internal fixation of fracture of orbit
35905	7K6F000	Primry opn redctn of # dislocation of jt + skeletal traction
93851	S001300	Closed #skull vlt + intracranial injury, 1-24hr loss consc
36464	S222.00	Closed fracture of humerus, shaft or unspecified part
105702	S100B00	Closed fracture axis, spondylolysis
29796	\$400.00	Closed dislocation of jaw
4884	SH20400	Unspecified thickness burn of the back (excluding buttock)
29089	S104400	Closed fracture lumbar vertebra, transverse process
12069	SE30.00	Contusion, shoulder or upper arm
61521	SJ600	Pelvic girdle and lower limb peripheral nerve injury
69729	S261J00	Open fracture finger proximal phalanx, multiple
33520	S332200	Closed fracture of tibia and fibula, shaft
31032	7L0H000	Open reduction of congenital dislocation of knee
33978	SA33.00	Degloving injury toe(s)
62286	SJ21.00	Thoracic cord injury without spinal bone injury
105348	SH44400	Deep full thickness burn of thumb+fing, no loss of body part
2206	SH50000	Unspecified degree burn of the leg, unspecified
32432	TG8y.00	Accidental burning caused by other hot substance or object
38028	S210000	Closed fracture of scapula, unspecified part
29309	S711	Blast injury to internal organs
7265	SH91.00	Superficial burn NOS
43891	TN400	Injury ?accidental, drowning
24516	S260D00	Closed fracture finger proximal phalanx
62810	7K6F700	Primary open reduction of dislocation+cast immobilisation
29152	S231100	Open fracture olecranon, extra-articular
29928	SB30.00	Axillary blood vessel injury
40535	S260z00	Closed fracture of one or more phalanges of hand NOS
29134	TN500	Injury ?accidental, by firearms and explosives
30429	7K1F.00	Primary open reduction of intraarticular fracture of bone
92349	S4D3500	Open fracture-subluxation, interphalangeal joint thumb
29121	S332.00	Closed fracture of tibia/fibula, shaft
32826	S912100	Open wound of elbow with tendon involvement
29111	S251.00	Open fracture of metacarpal bone(s)
23690	SJ800	Injury of nerves and spinal cord at neck level
23803	S301800	Open fracture proximal femur, subcapital, Garden grade III
72274	S82w.00	Other open wound of ear with complication
31933	7J41.00	Decompression of fracture of spine
29723	N082611	Knee pathological dislocation
72598	SD1zD00	Superficial injury of vagina NOS, infected
60619	SH52D00	Deep partial thickness burn of the thigh
92309	S895400	Open wound of flank with complication
	S304.00	Pertrochanteric fracture
	SJ40.00	Cervical sympathetic nerve injury
	SJ5B.00	Anterior interosseous nerve injury
	SD2y200	Superficial injury of axilla NOS
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28807 S62.12 28807 S62.12 2890 Open wound of upper limb 5395 193001 5395 S330011 5398 S234111 5388 S280000 5395 S234111 5388 S260000 5395 S240000 5395 S260000 5396 S2700 5395 S260000 5396 S2700 5397 S7600 54032 SK1A.00 54033 SK1A000 54033 SK1A000 54033 SK1A000 54033 SK1A000 54034 SK1A000 54035 SK1A000 54036 SK1A000 54036 SK1A000 54036 SK1A000 54037 SK1D00 54037 SK1D00 54037 SK1D00 54038 SK1A000 54038 S	103528 S493100	Open dislocation thoracic spine
1539 S900 Open wound of upper limb 33951 S330011 Closed fracture of tibial condyles 2388 S234111 Smith's fracture - closed 48754 SC44200 Seq/burn+corros classfbl only accord extent/body surf involv 1303 SC00.11 Late effect of face fracture 24702 S132200 Closed fracture of phalanx or phalanges, unspecified 25314 TN04.00 Injury ?accidental, poisoning by other spec drug/medicament 25702 S132200 Closed fracture pubis NOS 258691 F4K3300 Posterior dislocation of lens 258406 SB24000 Renal blood vessel injury, unspecified 2595 SH30500 Unspecified thickness burn of the shoulder 261378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 2574 S833100 Open wound of nasal septum with complication 2574 S474400 Open wound of shoulder region and upper limb 2575 Sp0.00 Open wound of shoulder region and upper limb 2776 Injury of multiple muscles and tendons at hip + thigh level 2776 Closed fracture sternum 2777 S102200 Spinal cord injury without spinal bone injury NOS 2777 Injury to kidney NOS 2778 S76.00 Injury of muscle and tendon at thorax level 2778 S611 Cerebellar laceration and contusion 2779 S779.00 SF10.00 Popen rouse injury of hand 2779 S779.00 SF10.00 Crush injury of the buttock 2779 S779.00 SF10.00 Crush injury, weternal genitalia 2779 S779.00 Crush injury, weternal genitalia 2779 S779.00 SF10.00 Closed fracture ervical vertebra, burst 2779 S779.00 SF10.00 Closed fracture ervical vertebra, burst 2779 S779 S779.00 Closed fracture ervical vertebra, burst 2779 S779 S779 S779.00 Closed fracture ervical vertebra, burst 2779 S779 S779 S7790 Closed fracture revical vertebra, burst 2779 S779 S7790 S7790 Closed fracture revical vertebra, burst 2779 S7790 S7790 Closed fracture rev	66697 SH32600	Superficial partial thickness burn of scapular region
53951 S330011 Closed fracture of tibial condyles 63618 S490800 Closed dislocation C7/T1 52389 S234111 Smith's fracture - closed 48754 SC44200 Seq/burn+corros classfbl only accord extent/body surf involv 17030 SC00.11 Late effect of face fracture 34058 S260000 Closed fracture of phalanx or phalanges, unspecified 1703 Injury accidental, poisoning by other spec drug/medicament 1703 S132200 Closed fracture pubis NOS 1703 SE2000 Posterior dislocation of lens 1703 S22200 Closed fracture of humerus, shaft or unspecified 1703 S22200 Closed fracture of humerus, shaft or unspecified part NOS 1704 S833100 Open wound of nasal septum with complication 1705 Open wound of shoulder region and upper limb 1705 Closed fracture sternum 1706 S122.00 Spinal cord injury without spinal bone injury NOS 1705 S123 S762.00 Injury of multiple muscles and tendons at hip + thigh level 1705 S2B.00 Fracture of bone of hand 1704 Open injury, digital artery 1705 Spinal cord injury without spinal bone injury NOS 1706 Injury of muscle and tendon at thorax level 1707 S10200 Late effect of intracranial injury without skull fracture 1707 S10200 Unspecifical injury of hand 1707 S102100 Unspecifical injury of hand 1707 S102100 Croussion NOS 1707 S121500 Croussion NOS 1707 S121500 Closed fracture untiple phalanges, toe 1707 S10200 Other specified injury of hand 1707 S10200 Other specified injury of hand 1707 S10200 Other specified injury of hand 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other specified injury of planal mand und 1707 S10200 Other spec	28807 S6212	Subarachnoid haemorrhage following injury
63618 S490800 Closed dislocation C7/T1 52389 S2341111 Smith's fracture - closed 48754 SC44200 Seq/burn+corros classfbl only accord extent/body surf involv 71030 SC00.11 Late effect of face fracture 34058 S260000 Closed fracture of phalanx or phalanges, unspecified 10jury ?accidental, poisoning by other spec drug/medicament 28702 S132200 Closed fracture pubis NOS 98460 SB24000 Renal blood vessel injury, unspecified 5659 SH30500 Unspecified thickness burn of the shoulder 61378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 Other specified open surgical fracture of bone 28603 S90.00 Open wound of shoulder region and upper limb 1njury of multiple muscles and tendons at hip + thigh level 28615 S832100 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) Fracture of bone of hand 68516 S835100 Open injury, digital artery 58996 S122.00 Spinal cord injury without spinal bone injury NOS 1104820 S61x200 Brain cord in jury without spinal bone injury NOS 14032 SK1A.00 Injury of muscle and tendon at thorax level 28416 S602.00 Concussion NOS 18033 SK14000 Brain cont no open intracranial wound + concussion unspec 4888 SC20.00 Late effect of intracranial injury without skull fracture 24318 S792.00 Unspecified injury of hand 37107 SH21500 Concussion NOS 18033 SK14000 Accidental burning/scalding caused by boiling water, unspec 67973 S100600 Closed fracture entitiple phalanges, toe 4847 T680000 Accidental burning/scalding caused by boiling water, unspec 67973 S100600 Closed fracture cervical vertebra, burst 1770 S102y00 Other specified closed fracture thoracic vertebra Fracture of radius and ulna 67571 SF30500 Sucide+selfinificited injury-jump from natural sites 1770 S102y00 Other specified closed fracture thoracic vertebra 1770 S102y00 Other specified closed fracture thoracic vertebra 1770 S102y00 Other specified closed fracture thoracic vertebra 1770 S102y00 Other specified closed fracture thorac	1539 S900	Open wound of upper limb
Say S234111 Smith's fracture - closed Seq/burnt-corros classfbl only accord extent/body surf involv Late effect of face fracture Closed fracture of phalanx or phalanges, unspecified Injury ?accidental, poisoning by other spec drug/medicament Closed fracture pubis NOS Refel F4K3300 Posterior dislocation of lens P8460 SB24000 Renal blood vessel injury, unspecified S659 SH30500 Unspecified thickness burn of the shoulder Closed fracture of humerus, shaft or unspecified part NOS Open wound of nasal septum with complication Open wound of nasal septum with complication Open wound of shoulder region and upper limb Injury of multiple muscles and tendons at hip + thigh level Closed fracture sternum Superficial partial thickness burn of back (excl buttock) Fracture of bone of hand Open injury, digital artery Spans S122.00 Spinal cord injury without spinal bone injury NOS Injury to kidney NOS Injury of muscle and tendon at thorax level Cerebellar laceration and contusion Index20 Sc1x2.00 Injury of muscle and tendon at thorax level Cerebellar laceration and contusion Dasa Sc1x2.00 Unspecified injury of hand S7107 SH21500 Unspecified injury of hand S7107 SH21500 Unspecified injury of hand S7107 SH21500 Crush injury, external genitalia Open crush injury, hip Fracture of shaft of femur Closed fracture multiple phalanges, toe Accidental burning/scalding caused by boiling water, unspec Closed fracture cervical vertebra, burst Unspecified loyer fracture thoracic vertebra Fracture of shaft of femur Closed fracture remultiple phalanges, toe Accidental burning/scalding caused by boiling water, unspec Closed fracture remultiple phalanges, toe Accidental burning/scalding caused by boiling water, unspec Closed fracture remultiple phalanges, toe Accidental burning/scalding caused by boiling water, unspec Closed fracture remultiple phalanges, toe Accidental burning/scalding caused by boiling water, unspec Closed fracture ferialis and ulna Sypers SD60200 Abrasion/friction burn of lower limb, without infection NOS Superficial partial thick	53951 S330011	Closed fracture of tibial condyles
48754 SC44200 171030 SC00.11 24058 S260000 171030 SC00.11 24058 S260000 250000 26001 271030 SC00.11 271030 SC00.11 271030 SC00.11 271030 SC00.11 271030 SC00.11 27103 SC0000 271030 SC00.11 27103 SC0000 27103 SC0000 27103 SC0000 27103 SC0000 27103 SC0000 27103 SC00000 27103 SC00000 27103 SC00000 27103 SC00000 27103 SC000000 27103 SC000000 27103 SC00000000000000000000000000000000000	63618 S490800	Closed dislocation C7/T1
71030 SC00.11 34058 S260000 Closed fracture of phalanx or phalanges, unspecified lnjury ?accidental, poisoning by other spec drug/medicament 28702 S132200 28691 F4K3300 Posterior dislocation of lens P8460 SB24000 S659 SH30500 Closed fracture pubis NOS P8461 SB33100 Closed fracture of humerus, shaft or unspecified part NOS C65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 28603 S9000 Open wound of shoulder region and upper limb Unjury of multiple muscles and tendons at hip + thigh level Closed fracture of bone of hand Copen injury, digital artery S8996 S122.00 S2339 S762.00 Injury of multiple muscles and tendon at horax level Cerebellar laceration and contusion Drain of intracranial wound + concussion unspec Late effect of intracranial injury without skull fracture Concussion NOS Drayso SF10.00 Concussion NOS Crush injury, nos Crush injury, hip Fracture of shaft of femur Closed fracture ereival perial genitalia Open crush injury, hip Fracture of bone of hand S7900 Closed fracture of bone of hand Corecident of the story of the surface of the surf	52389 S234111	Smith's fracture - closed
Autor School Closed fracture of phalanx or phalanges, unspecified lnjury ?accidental, poisoning by other spec drug/medicament Closed fracture pubis NOS Posterior dislocation of lens Renal blood vessel injury, unspecified Unspecified thickness burn of the shoulder Closed fracture of humerus, shaft or unspecified part NOS Open wound of nasal septum with complication Other specified open surgical fracture of bone Open wound of shoulder region and upper limb Injury of multiple muscles and tendons at hip + thigh level Closed fracture sternum State Sta	48754 SC44200	Seq/burn+corros classfbl only accord extent/body surf involv
Content Cont	71030 SC00.11	Late effect of face fracture
28702 S132200 Closed fracture pubis NOS 28691 F4K3300 Posterior dislocation of lens 98460 S824000 Renal blood vessel injury, unspecified 5659 SH30500 Unspecified thickness burn of the shoulder 61378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 12339 S762.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S602.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 1818 S792.00 Internal injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 T68000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 1770 S102Y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60200 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 0 Open wound of toe(s) NOS 84846 SH200 Burn of the trunk	34058 S260000	Closed fracture of phalanx or phalanges, unspecified
Posterior dislocation of lens 98460 SB24000 Renal blood vessel injury, unspecified 5659 SH30500 Unspecified thickness burn of the shoulder 61378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 19607 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 2816 S2B00 Fracture of bone of hand 2816 S835100 Open injury, digital artery 28996 SJ22.00 Spinal cord injury without spinal bone injury NOS 2839 S762.00 Injury to kidney NOS 2839 S762.00 Injury to kidney NOS 2831 S762.00 Injury of muscle and tendon at thorax level 28412 S6111 Cerebellar laceration and contusion 28416 S602.00 Late effect of intracranial injury without skull fracture 28416 S602.00 Concussion NOS 28313 SX14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 28418 S792.00 Internal injury, NOS 27950 SF10.00 Crush injury, external genitalia 27950 SF10.00 Crush injury, external genitalia 27950 S100600 Closed fracture multiple phalanges, toe 4847 T680000 Accidental burning/scalding caused by boiling water, unspec 28793 S100600 Closed fracture revical vertebra, burst 2828 S2300 Fracture of radius and ulna 2825 S23.00 Fracture of radius and ulna 2826 SE33200 Contusion, finger NOS 28280 SE33200 Contusion, finger NOS 28280 SE33200 Open wound of toe(s) NOS 2846 SH2.00 Burn of the trunk	62314 TN04.00	Injury ?accidental, poisoning by other spec drug/medicament
98460 SB24000 Renal blood vessel injury, unspecified 5659 SH30500 Unspecified thickness burn of the shoulder 61378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 10 linjury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 10 linjury to kidney NOS 10 linjury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 10 September 1 Cerebellar laceration and contusion 10 September 2 Late effect of intracranial injury without skull fracture 28416 S602.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 18797 SF10.00 Crush injury, external genitalia 18797.00 Unspecified burn of the buttock 18797 SF10.00 Crush injury, external genitalia 18797.00 Crush injury, external genitalia 1890 S360300 Closed fracture multiple phalanges, toe 1890 Accidental burning/scalding caused by boiling water, unspec 18797 S100600 Closed fracture cervical vertebra, burst 1870 S100600 Closed fracture cervical vertebra, burst 1870 S102900 Abrasion/friction burn of lower limb, without infection NOS 18905 S36030 Abrasion/friction burn of lower limb, without infection NOS 18905 S3605 S32.00 Contusion, finger NOS 18113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 1880 S63200 Open wound of toe(s) NOS 18806 SA32.00 Open wound of toe(s) NOS 18807 SA32.00 Surn of the trunk	28702 S132z00	Closed fracture pubis NOS
S659 SH30500 Unspecified thickness burn of the shoulder 61378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 12339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 14318 S79z.00 Internal injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Suicide+selfinflicted injury-jump from natural sites 0 Open wound of toe(s) NOS 8 Urn of the trunk	28691 F4K3300	Posterior dislocation of lens
61378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 12339 S762.00 Injury to kidney NOS 14032 SK1A.00 Injury of muscle and tendon at thorax level 4832 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S602.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 18710 SH21500 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 67973 S100600 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100600 Closed fracture ervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 S060200 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Sujerficial partial thickness burn of the abdominal wall 22416 SP04400 Dislocation of hip joint prosthesis Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 00en wound of toe(s) NOS 8urn of the trunk	98460 SB24000	Renal blood vessel injury, unspecified
65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 S122.00 Spinal cord injury without spinal bone injury NOS 10323 S762.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S602.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 104318 S792.00 Internal injury, kip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Crush injury, external genitalia 00pen crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60200 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA32.00 Open wound of toe(s) NOS 8urn of the trunk	5659 SH30500	Unspecified thickness burn of the shoulder
32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 100 Injury to kidney NOS 100 Injury of muscle and tendon at thorax level 101 Cerebellar laceration and contusion 101 Section Brain cont no open intracranial wound + concussion unspector Late effect of intracranial injury without skull fracture 101 Section NOS 101 Superficial burn of the buttock 102 Section NOS 103 SK14000 Unspecified injury of hand 103 SK14000 Superficial burn of the buttock 104 Section NOS 105 Section NOS 106 Section NOS 107 SH21500 Superficial burn of the buttock 107 SH21500 Crush injury, external genitalia 107 SH21500 Open crush injury, hip 108 Section NOS 109 Section NOS 109 Section NOS 109 Section NOS 11770 SH20500 Closed fracture multiple phalanges, toe 11770 SH20500 Closed fracture cervical vertebra, burst 11770 SH20700 Other specified closed fracture thoracic vertebra 11770 SH22300 Superficial partial thickness burn of the abdominal wall 1179 SH22300 Superficial partial thickness burn of the abdominal wall 117 SH22300 Superficial partial thickness burn of the abdominal wall 117 SH22300 Contusion, finger NOS 1113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 1176 SH2300 Open wound of toe(s) NOS 1113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 1170 SH2300 Open wound of toe(s) NOS 1180 SH200 Burn of the trunk	61378 S222z00	Closed fracture of humerus, shaft or unspecified part NOS
28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 S835100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 52339 S762.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury, NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA32.00 Open wound of toe(s) NOS 8urn of the trunk	65746 S833100	Open wound of nasal septum with complication
46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 S835100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 52339 S762.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury, NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis Contusion, finger NOS 61113 TK72.00 Suicide+selfinfilicted injury-jump from natural sites 33669 SA32.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	32178 7K14y00	Other specified open surgical fracture of bone
3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 104318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	28603 S9000	Open wound of shoulder region and upper limb
96082 SH22400 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Juspecified injury of hand 37107 SH21500 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS Suicide+selfinflicted injury-jump from natural sites 3669 SA3z.00 Open wound of toe(s) NOS Burn of the trunk	46673 SK1D100	Injury of multiple muscles and tendons at hip + thigh level
12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	3983 S122.00	Closed fracture sternum
68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	96082 SH22400	Superficial partial thickness burn of back (excl buttock)
Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 8urn of the trunk	12516 S2B00	Fracture of bone of hand
52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	68516 SB35100	Open injury, digital artery
44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	58996 SJ2z.00	Spinal cord injury without spinal bone injury NOS
48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	52339 S76z.00	Injury to kidney NOS
104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	44032 SK1A.00	Injury of muscle and tendon at thorax level
28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS Burn of the trunk	48325 S6111	Cerebellar laceration and contusion
28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 8urn of the trunk	104820 S61xz00	
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4846 SH200 Burn of the trunk		
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7505 SE4U1UU CONTUSION, TNIGH		
	/505 SE4U1UU	Contusion, thigh

7129 SH92.00	Partial thickness burn NOS
33357 7K15z00	Other surgical fracture of bone NOS
27388 S7400	Injury to liver
33882 S2A00	Fracture of upper limb, level unspecified
7997 S410111	Anterior dislocation of shoulder
28214 SP22100	Injury to nerve during surgery
101574 S101000	Open fracture of unspecified cervical vertebra
5130 SE411	Leg bruise
41856 SE24200	Contusion, scrotum or testis
63524 SJ41500	Injury of thoracic sympathetic nerves
62354 Q203300	Fracture of tibia or fibula due to birth trauma
14746 S3xz.00	Other, multiple and ill-defined fractures of lower limb NOS
40327 7K6FB00	Primary open reduction of dislocation and external fixation
678 SA10100	Open wound of leg
68963 TN600	Injury ?accidental, by cutting and stabbing instruments
1775 S93z.00	Open wound of finger(s) NOS
104800 SJ63300	Open injury common peroneal nerve
99027 S331800	Open fracture fibula, head
28115 TK51.00	Suicide and selfinflicted injury by shotgun
44712 S240D00	Closed fracture scaphoid, waist, comminuted
28095 SD10400	Abrasion, back
28081 7K1Hy00	Other specified secondary open reduction of fracture of bone
70752 SH62100	Deep partial thickness burn of multiple specified sites
27575 S100500	Closed fracture of fifth cervical vertebra
13557 TK30.00	Suicide and selfinflicted injury by hanging
78444 S33A.00	Fracture of tibia
42440 S81z.00	Open wound of eyeball NOS
27590 S235.00	Open fracture of radius and ulna, lower end
39921 S430.00	Closed traumatic dislocation of wrist
34378 S720.00	Closed injury of diaphragm
69706 SH81z00	Burn: 10-19% of body surface NOS
70953 SJ63500	Open injury deep peroneal nerve (anterior tibial)
29804 S360100	Closed fracture middle phalanx, toe
67990 SB40100	Open injury, common femoral artery
27881 S250600	Closed fracture finger metacarpal
65895 S4H3300	Open fracture-subluxation, metatarsophalangeal joint, single
27818 S12z.12	Sternum fracture NOS
69664 S832200	Open wound of nasal cavity
69646 SD6z000	Superficial injury of hip NOS, infected
62489 7J43.11	Internal fixation of fracture of spine
27820 SH12400	Superficial partial thickness burn of the chin
33857 S494100	Closed dislocation of coccyx
65614 7K6FN00	Primary open reduction of # dislocation+fixation+plate(s)
25560 SEz00	Contusion with skin intact, NOS
8056 S242.00	Fracture at wrist and hand level
6893 S224100	Closed fracture distal humerus, supracondylar
10694 \$496200	Closed traumatic dislocation sterno-clavicular joint
60765 S251800	Open fracture of thumb metacarpal
10250 S4D00	Fracture-dislocation/subluxation finger/thumb
38431 S40z.00	Dislocation of jaw NOS

	SA10000	Open wound of knee
	S260S00	Closed fracture finger distal phalanx, base
	S920.00	Open wound of hand without mention of complication
	SA02.00	Open wound of hip and thigh with tendon involvement
	S120700	Closed fracture of seven ribs
	S463.00	Closed traumatic dislocation of patello-femoral joint
455	S3z0000	Greenstick fracture
33598	S260L00	Closed fracture finger middle phalanx, base
50566	TG81500	Accidental burning caused by hydrofluoric acid
92383	SF0X.00	Crushing injury of head, part unspecified
4029	S210300	Closed fracture scapula, glenoid
51566	SH42.12	Second degree burn of finger
28800	S4H0400	Closed fracture-dislocation, IPJ, single toe
59630	SC1z.00	Late effect of skin and subcutaneous tissue injury NOS
72313	SB1y100	Intercostal vein injury
15376	S224.00	Closed fracture of the distal humerus
48289	SH11400	Superficial burn of the chin
50659	SH22z00	Partial thickness burn of the trunk NOS
40992	S353200	Open fracture navicular
110097	SB1y400	Azygos vein injury
33644	7K6GM00	Closed reduction of dislocation of joint & internal fixation
28142	SE45.00	Contusion, lower limb NOS
27470	TK61.00	Suicide and selfinflicted injury by stabbing
993	S242200	Fracture of other metacarpal bone
28621	7J03z00	Reduction of fracture of facial bone NOS
28244	S120z00	Closed fracture of rib(s) NOS
105819	S347100	Open fracture ankle, trimalleolar, high fibular fracture
30286	TN300	Injury ?accidental, hanging, strangulation and suffocation
	SH11600	Superficial burn of the scalp
110554	S761000	Kidney injury with open wound into cavity, unspecified
61999	S420300	Closed traumatic dislocation elbow joint, medial
	S223100	Open fracture of humerus, shaft
	TKx3.00	Suicide and selfinflicted injury by extremes of cold
	S02xz00	Fracture of other facial bones, closed, NOS
	S241C00	Open fracture scaphoid, waist, oblique
	SJ311	Spinal plexus injury
	S450200	Closed traumatic obturator dislocation of hip
	SyuBC00	[X]Dislocation, sprain and strain of unspecif body region
	7K1LD00	Closed reduction of fracture of nasal bone
	L336.11	Bruising of cord
	S411.00	Open traumatic dislocation of shoulder
	\$463000	Closed traumatic dislocation patello-femoral joint, lateral
	S02C.00	Le Fort III fracture maxilla
	S010400	Closed #skull bse no intracranial injury, >24hr LOC+recovery
	SJ64000	Closed injury cutaneous sensory nerve, leg
	SH0x.00	Burn of eyelid NOS
	\$300400	Closed fracture head of femur
	S62z.00	Cerebral haemorrhage following injury NOS
	SH43.12	Third degree burn of hand
	S932.00	Open wound of finger or thumb with tendon involvement
Z201/	JJJ2.00	open would of finger of thathb with tendon involvement

		S240600	Closed fracture trapezoid
		S4D1000	Open fracture-dislocation digit, unspecified
		S234500	Closed fracture distal ulna, unspecified
		S735300	Descending colon injury with open wound into cavity
		SJ65.00	Injury of multiple nerves at hip and thigh level
		S910.00	Open wound of lower arm without mention of complication
		S130300	Closed fracture acetabulum, posterior column
		S431.00	Open traumatic dislocation of the wrist
		S100611	C6 vertebra closed fracture without spinal cord lesion
		S127000	Multiple fractures of ribs
		SD01200	Abrasion of scalp, infected
		S741300	Liver moderate laceration with open wound into cavity
		S835z00	Open wound of face with complication, NOS
		SE30100	Contusion, scapular area
		SD00z00	Abrasion head NOS
		SF20000	Crush injury, shoulder region
		S43z.00	Dislocation of wrist NOS
	8346	SF00	Crushing injury
	66334	SH12900	Superficial partial thickness burn of the neck
		S240200	Closed fracture lunate
		S234900	Closed volar Barton's fracture
	3127	S8200	Open wound of ear
	26045	S240500	Closed fracture trapezium
	41921	SD9z.00	Other superficial injury, infected, NOS
	66241	SJ60000	Closed injury sciatic nerve
	61732	7K6GF11	Closed reduction of dislocation of leg
	9342	SJ000	Optic nerve and pathway injury
	17993	SH50400	Unspecified thickness burn of the lower leg
	40537	S420000	Closed traumatic dislocation of elbow, unspecified
	66109	TK01000	Suicide and self inflicted injury by Amylobarbitone
	48125	S441200	Open traumatic interphalangeal dislocation
	45394	7K1F300	Primary intraarticular fixation intraartic fracture bone NEC
	307	SK17100	Other leg injury
	2442	S355.00	Fracture of talus
	15184	S0000	Fracture of vault of skull Contusion, upper limb, multiple sites
	44298	SE3y.00	Contusion, upper limb, multiple sites
	43378	S351.00	Open fracture of calcaneus
	42692	S61z.00	Cerebral laceration and contusion NOS
	65812	S491.00	Open dislocation cervical spine
	51710	S480A00	Closed traumatic dislocation, subtalar joint
1	.01993	7K6Gc00	Primary closed reduction of # dislocation+external fixation
	30616	N331000	Pathological fracture of thoracic vertebra
	12186	S4z00	Dislocation or subluxation not otherwise specified
	66513	SH44100	Deep full thickness burn of a finger, no loss of body part
	21950	TG8y000	Accid burning caused by heat from electric heating appliance
	32218	SH41100	Superficial burn of a single finger
	9459	SE300	Contusion, upper limb
	94406	7K6GT00	Primary closed reduction of dislocation+skeletal traction
	65710	SH12500	Superficial partial thickness burn of the nose
	17673	S930000	Open wound, finger

45562 S312400	Closed fracture distal femur, medial condyle
3675 S10B100	Fracture of sacrum
65636 S234912	Closed volar Barton fracture-subluxation
34315 SH0z.00	Burn confined to eye and adnexa NOS
65606 7J41y00	Other specified decompression of fracture of spine
65600 SB32.00	Radial blood vessel injury
72711 S110600	Cls spinal fracture with unspec cervical cord lesion, C5-7
37523 S490.11	Closed dislocation of cervical vertebra
44047 SCz00	Late effect injury/poison/toxin effect/external cause NOS
45141 S302100	Closed fracture proximal femur, intertrochanteric, two part
30418 S235800	Open Galeazzi fracture
34197 S120400	Closed fracture of four ribs
65455 S450300	Closed traumatic dislocation hip joint, anterior
65448 TK6z.00	Suicide and selfinflicted injury by cutting and stabbing NOS
52194 S300300	Closed fracture proximal femur, basicervical
69586 S497100	Open traumatic dislocation of pelvis
52614 S231200	Open fracture of ulna, coronoid
65301 S23yz00	Open fracture of radius and ulna, NOS
1486 S410400	Closed traumatic dislocation acromio-clavicular joint
44839 S470.00	Closed traumatic dislocation ankle joint
65285 SF31500	Open crush injury, knee
45011 S4J1100	Open fracture-dislocation of pelvis
57088 SB22500	Superior mesenteric artery trunk injury
11262 S235300	Open fracture of ulna, styloid process
97514 S71z.00	Heart and lung injury NOS
40361 S251600	Open fracture finger metacarpal
93650 S4H3.00	Open fracture-subluxation, foot
89688 S030z00	Closed #skull NOS no intracranial inj + concussion unspec
31542 SD61000	Abrasion of hip, infected
94385 S77v100	Ovary injury without mention of open wound into cavity
33792 SE32z00	Contusion, wrist and hand NOS
73411 S042.00	Mult #skull/face + other bones, open, no intracranial injury
65011 PE41300	Congenital dislocation of patella
4572 S33x200	Closed fracture of tibia and fibula, unspecified part
54821 S492.00	Closed dislocation of thoracic and lumbar spine
7256 SD500	Superficial of injury finger(s)
69919 S300100	Closed fracture proximal femur, transepiphyseal
53279 S312000	Closed fracture of distal femur, unspecified
62787 S33yz00	Open fracture of tibia and fibula, unspecified part, NOS
43589 SJ67100	Injury of medial plantar nerve
44711 S200100	Closed fracture clavicle, medial end
99994 7K1K900	Other primary external immobilisation of fracture
64744 TKx5.00	Suicide and selfinflicted injury by crashing motor vehicle
96346 SJ81.00	Crush injury of phrenic nerve
64725 S241700	Open fracture capitate
18840 S330300	Closed fracture proximal tibia, medial condyle (plateau)
48636 S025.00	Fracture of malar or maxillary bones, open
64575 S241D00	Open fracture scaphoid, waist, comminuted
36332 S210600	Closed fracture scapula, neck
95675 \$750300	Spleen parenchyma laceration without open wound into cavity

53698 S235D00	Open fracture distal radius, extra-articular other type
50154 SH10600	Unspecified thickness burn of the scalp
64444 SH014	Periocular burns
1922 SH40000	Unspecified thickness burn of the hand, unspecified
94981 S497200	Open traumatic dislocation sterno-clavicular joint
64714 SF10z00	Crush injury, external genitalia NOS
97803 S353D00	Open fracture metatarsal neck
50990 SH33400	Full thickness burn of the axilla
28251 S360200	Closed fracture distal phalanx, toe
25113 SA20100	Open wound foot, plantar
63186 SB42.00	Femoral vein injury
109936 S481z00	Open traumatic dislocation of foot not otherwise specified
41299 SJ5y000	Injury of cutaneous sensory nerve at forearm level
64297 S100L00	Closed fracture cervical vertebra, transverse process
33824 SH50500	Unspecified thickness burn of the knee
41930 S100z00	Closed fracture of cervical spine not otherwise specified
60397 SJ51400	Open injury, median nerve, palmar sensory branch
58787 SJ0z.00	Optic nerve or pathway injury NOS
45881 SJ15.13	Eighth cranial nerve injury
52470 S134700	Closed vertical fracture of ilium
8590 SA200	Open wound of foot, excluding toe(s)
72724 S942.00	Multiple/unspec open wound upper limb with tendon involved
98158 7K6GY00	Primary closed reduction of # dislocation+cast immobil
41914 SH41500	Superficial burn of the palm of hand
55655 SB3X.00	Injury of unspecified blood vessel at forearm level
33720 S224000	Closed fracture of elbow, unspecified part
22542 S441400	Open traumatic dislocation, proximal interphalangeal joint
64026 SA32.11	Open wound of toe(s) with tendon injury
94817 \$740300	Liver moderate laceration without open wound into cavity
24886 S932400	Mallet finger with open tendon injury
42805 S313300	Open fracture distal femur, supracondylar
71866 S041z00	Closed #skull/face,mult + intracran inj, concussion unspec
85491 S4B3.00	Open fracture-subluxation elbow
985 S440000	Closed traumatic dislocation of finger, unspecified
63948 S231900	Open fracture of the proximal radius
44721 S220000	Closed fracture of proximal humerus, unspecified part
1852 SH20300	Unspecified thickness burn of the abdominal wall
51308 S641.00	Intracranial injury NOS + open intracranial wound
62461 SJ64200	Closed injury lateral cutaneous nerve thigh
60542 S712000	Lung injury without open wound into thorax, unspecified
92886 SJ24000	Closed injury cauda equina
63736 SF20700	Closed crush injury, upper arm
24598 S250500	Closed fracture finger metacarpal head
59154 SH52C00	Deep partial thickness burn of the knee
37469 SH60.00	Unspecified thickness burn of multiple specified sites
57247 S781400	Retroperitoneum injury with open wound into cavity
56332 S713200	Lung laceration with open wound into thorax
30377 Z6G1900	Fracture - traction
43606 SE31z00	Contusion, elbow and forearm NOS
53750 SA03.00	Degloving injury, hip or thigh

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28425	S240E00	Closed fracture scaphoid, tuberosity
	S460.11	Bucket handle tear - current injury
	SH41.15	First degree burn of wrist
	SH40.11	Unspecified degree burn of finger
	\$2000	Fracture of clavicle
	SF23.11	Crush injury of thumb
	S302011	Closed fracture of femur, greater trochanter
	S114000	Closed spinal fracture with unspecified lumbar cord lesion
	SH41600	Superficial burn of the back of hand
	S220600	Closed fracture proximal humerus, three part
	S850000	Degloving injury chest wall
	7K6G700	Closed reduction of dislocation of thumb
	S9400	Multiple and unspecified open wound of upper limb
	S352.11	March fracture
	SK1z.00	Other injury NOS
	S3200	Fracture of patella
	S3511	Metatarsal bone fracture
	S900000	Open wound of shoulder region
	SD1yD00	Superficial injury of vagina NOS, without major open wound
	S101500	Open fracture of fifth cervical vertebra
	SF02200	Crush injury, pharynx
	SF20100	Crush injury, scapular region
	S451200	Open traumatic obturator dislocation of hip
	S02z.11	Jaw fracture NOS
	S235100	
		Open Colles' fracture Reduction of fracture of alveolus of mandible
	7J12000	
	7J42z00	Other reduction of fracture of spine NOS
	SH32A00	Deep partial thickness burn of the upper arm
	S820z00	Open wound of external ear not otherwise specified
	S36z.00	Fracture of one or more phalanges of foot NOS
	SC3z.00	Late effect of injury NOS
	7K15y00	Other specified other surgical fracture of bone
	SH87500	Burn: 70-79% of body surface, 50-59% BS full thickness
	S120000	Closed fracture of rib, unspecified
	SF4z.00	Crush injury, unspecified site
	\$300.00	Closed fracture proximal femur, transcervical
	7K1LA00	Closed reduction of fracture of toe
	S4A1000	Open fracture-dislocation shoulder joint
	S001000	Closed #skull vlt + intracranial injury, unspec state consc
	SJ20600	Unspecified cervical cord injury, without bony injury, C5-7
	N331N11	Minimal trauma fracture
	S902200	Open wound of axillary region with tendon involvement
	S4H2000	Closed fracture-subluxation, subtalar joint
	S346.00	Closed fracture ankle, trimalleolar
41799	SD30z00	Abrasion/friction burn of lower arm, without infection NOS
	SH52200	Superficial partial thickness burn of the foot
	SJ30300	Cervical nerve root injury - C4
	S775.00	Open injury of uterus
	S4J2000	Closed fracture-subluxation of sternum
96688	SH54.00	Deep full thickness burn of leg without loss of body part

	S481400	Open traumatic metatarsal dislocation, unspecified
	S834500	Open wound of jaw
	SH10500	Unspecified thickness burn of the nose
	S224300	Closed fracture distal humerus, medial condyle
	SB25500	Uterine artery injury
	SD1z500	Superficial injury of buttock NOS, infected
	S112.00	Closed fracture of thoracic spine with spinal cord lesion
	SH42B00	Deep partial thickness burn of more than one finger
	SH42.15	Second degree burn of wrist
	S225z00	Open fracture of distal humerus, not otherwise specified
	SH42E00	Deep partial thickness burn of back of hand
	SH80.00	Burn involving <10% of body surface (BS)
	SH51300	Superficial burn of the ankle
	S711.00	Heart injury, open
	SC0z.00	Late effect of musculoskeletal/connective tissue injury NOS
	SB47300	Injury of multiple blood vessels at lower leg level
62065	S490400	Closed dislocation C3/C4
845	\$3500	Fracture of one or more tarsal and metatarsal bones
	SE11.13	Eyelid injury
62029	7K1Hz00	Secondary open reduction of fracture of bone NOS
2603	S311	Leg fracture
43132	S700	Internal injury of chest, abdomen and pelvis
34873	S100511	C5 vertebra closed fracture without spinal cord lesion
43667	TG80A00	Accidental burning/scalding caused by soup, stew or curries
99514	S401.00	Open dislocation of jaw
61982	S923000	Degloving injury hand, palmar
2250	S344.12	Pott's fracture - ankle
20195	S00z.00	Fracture of vault of skull NOS
33704	S4A0000	Closed fracture-dislocation shoulder joint
61757	S0117	Posterior fossa fracture
33967	S100211	C2 vertebra closed fracture without spinal cord lesion
8314	S646000	Minor head injury
61802	S312z00	Closed fracture of distal femur not otherwise specified
6235	SF33.00	Crush injury, toe(s)
15085	7K1Lz00	Other closed reduction of fracture of bone NOS
100309	S821.00	Open wound of external ear with complication
99568	SA42.00	Multiple and unspec open wound leg with tendon involvement
9103	S0200	Fracture of face bones
105727	SJ6x300	Open injury pudendal nerve
62747	N083E00	Recurrent dislocation of shoulder - inferior
8573	S0012	Parietal bone fracture
325	\$3400	Fracture of ankle
60828	S4A3100	Open fracture-subluxation acromio-clavicular joint
54271	S901.00	Open wound of shoulder and upper limb with complication
61569	TK70.00	Suicide+selfinflicted injury-jump from residential premises
61551	SH12100	Superficial partial thickness burn of the ear
	S23B.00	Fracture of lower end of radius
	S022z00	Fracture of mandible, closed, NOS
	S330z00	Closed fracture of tibia and fibula, proximal NOS
	SJ31700	Thoracic nerve root injury - T8
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16232 S496000	Closed traumatic dislocation of sternum
67696 S895.00	Open wound of lateral abdominal wall with complication
5507 SH20000	Unspecified thickness burn of unspecified part of the trunk
95585 S104600	Closed fracture lumbar vertebra, tricolumnar
12823 7K1J300	Closed reduction fracture small bone & fixation using screw
8896 SD7y200	Contusion of toe(s) with damage to nail
54855 S125300	Closed fracture of trachea
45482 N083N00	
61357 S003600	Open #skull vlt + intracranial injury, LOC unspec duration
4465 7J03200	Reduction of fracture of zygomatic bones
42144 S73x500	Appendix injury without mention of open wound into cavity
94031 S261400	Open fracture thumb proximal phalanx, base
37865 S361.00	Open fracture of one or more phalanges of foot
64545 S353C00	Open fracture metatarsal shaft
62975 S430800	Closed traumatic dislocation other carpal joint
49526 S320000	Closed fracture patella, transverse
61237 SH25.00	Deep full thickness burn of trunk, with loss of body part
61181 S260C00	Closed fracture thumb distal phalanx, mallet
44543 SF2y.00	Crush injury, arm, multiple sites
60137 S920200	Multiple open wounds of wrist and hand
41996 S480z00	Closed traumatic dislocation of foot not otherwise specified
28203 SHz00	Burns NOS
60885 S301600	Open fracture proximal femur, subcapital, Garden grade I
6311 SD5y.00	Superficial injury of finger NOS, without infection
69213 S241800	Open fracture hamate
97299 \$833z00	Open wound of nose with complication, NOS
73322 SH12200	Superficial partial thickness burn of the eye
24807 SD200	Superficial injury of shoulder and upper arm
97430 TN80000	Injury ?accidental, by jumping before moving object
27687 SJ56100	Closed injury, digital nerve in finger
29119 S02x.00	Closed fracture other facial bone
61733 S303.00	Open fracture of proximal femur, pertrochanteric
5302 S132.00	Closed fracture pubis
60640 SH20x00	Unspecified thickness burn of multiple sites of the trunk
10470 SK17500	Injury of lower leg
29406 S89v.00	Other and unspecified open wound of trunk
7135 S342000	Closed fracture ankle, lateral malleolus, low
48238 TN55.00	Injury ?accidental, by explosive
45835 SH81.00	Burn involving 10-19% of body surface (BS)
33684 S261D00	Open fracture finger proximal phalanx
107128 SB44500	Open injury, popliteal artery
23764 7K6GC00	Closed reduction of dislocation of ankle
108242 S353600	Open fracture lateral cuneiform
30230 SJ52000	Closed injury, ulnar nerve
44628 S4H0.00	Closed fracture-dislocation foot
10622 S221.11	Shoulder fracture - open
8263 S350.11	Heel bone fracture
60512 SH50x00	Unspecified thickness burn of multiple sites of the leg
42710 SF40.00	Crush injury, multiple sites NEC
50133 \$913.00	Degloving injury lower arm
20100 0010.00	

60463 SH21.00	Superficial burn of the trunk
42959 S410200	Closed traumatic dislocation shoulder joint, posterior
60419 S82y.00	Open wound of ear with complication, NOS
54154 SH53400	Full thickness burn of the lower leg
45216 F4F1500	Dislocation of lacrimal gland
64370 SH83z00	Burn: 30-39% of body surface NOS
109839 SJ22000	Unspecified lumbar cord injury without bony injury
11378 S12z.11	Rib fracture NOS
22289 SD71.11	Abrasion or friction burn of heel, infected
49710 S734500	Rectum injury without mention of open wound into cavity
67239 S353J00	Open fracture of base of fifth metatarsal
9590 S923.00	Degloving injury hand
72263 SB23500	Gastric vein injury
6067 SF21100	Crush injury, elbow
57328 S03z.00	Skull fracture NOS
23721 S713	Internal injury of chest
102033 S741z00	Liver injury with open wound into cavity, NOS
24311 SB32200	Injury of radial artery at wrist and hand level
51985 SJ30400	Cervical nerve root injury - C5
25209 SB4y.00	Other leg blood vessel injury
73613 S121000	Open fracture of rib, unspecified
68676 S630.11	Cerebral compression due to injury
70049 TN08.00	Injury ?accidental, poisoning by arsenic or its compounds
65007 SH12800	Superficial partial thickness burn of the cheek
50461 SF3y.00	Crush injury, lower limb, multiple sites
28538 S127100	Cough fracture of ribs
17352 SC3C100	Sequelae of dislocation, sprain and strain of upper limb
73922 SB45000	Tibial blood vessel injury, unspecified
10033 S234F00	Closed Barton's fracture
29636 SH30000	Unspecified thickness burn of the arm, unspecified
33870 S21z.00	Fracture of scapula NOS
69209 S611.00	Open cerebral contusion
9900 SF32011	Crush injury of heel
59798 S0111	Anterior fossa fracture
49183 SB03.00	Injury of multiple blood vessels at neck level
101056 TK5z.00	Suicide and selfinflicted injury by firearms/explosives NOS
68100 SJ34100	Closed injury, brachial plexus, lower roots
4210 SD90.00	Abrasion or friction burn, without infection, NOS
43153 S352z00	Closed fracture of one or more tarsal + metatarsal bones NOS
59504 S933500	Ring avulsion injury, class 4
45275 S221z00	Open fracture of proximal humerus not otherwise specified
46522 SH42.13	Second degree burn of hand
69551 SP04A00	Fracture of bone autograft
39067 SH10900	Unspecified thickness burn of the neck
64229 S4A1.00	Open fracture-dislocation shoulder
34284 SE06.00	Bruise of mandibular joint area
50103 S832100	Open wound of nasal septum
59302 SJ57.00	Suprascapular nerve injury
59291 S523E00	Volar plate injury, thumb, interphalangeal joint
64365 SH41x00	First degree burn of multiple sites of the wrist or hand

21680 \$153.00	Radial nei
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18485 SJ700	Injury to o
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58025 S84z.00	Open wou
58019 SH43.11	Third deg
24276 S30w.00	Closed fra
39893 S4H1300	Open frac
71113 S780211	Bile duct i
51144 S860.00	Open wou
70462 S734400) Sigmoid c
73611 S112z00	Closed fra
24621 S23x200	Closed fra
102718 S013z00	Open #sk
54727 S85X.00	Open wou
	21680 SJ53.00 55012 SH13900 59216 SH12712 106522 SF22700 68387 S871.00 10246 S231300 47856 SH31.00 73150 S251200 63298 SJ01.00 2710 S3512 42798 S465z00 29911 S4F00 36448 S024.11 96514 S110800 63085 7K1G500 63788 SD3z.00 68660 S023400 41001 S490.12 58822 SH41z00 8053 SD11 65946 7G2C700 103914 SC20100 27699 S260E00 45669 SJ512 58718 SJ612 36893 7K1LW0 58699 S932700 51151 SF20.00 58640 7K6GF00 37609 S0116 25284 S1z00 29126 SE23113 58732 SH42400 53357 SH92000 18485 SJ700 58040 7K6GF00 37609 S0116 25284 S1z00 29126 SE23113 58732 SH42400 53357 SH92000 18485 SJ700 58031 SD2z.00 64027 S260600 58025 S84z.00 58039 S4H1300 71113 S780211 51144 S860.00 70462 S734400 73612 S122x00 24621 S23x200 102718 S013z00 54727 S85X.00

21680	SJ53.00	Radial nerve injury
55012	SH13900	Full thickness burn of the neck
59216	SH12711	Forehead - 2nd degree burn
106522	SF22700	Open crush injury wrist, volar
68387	S871.00	Open wound of buttock with complication
10246	S231300	Open Monteggia's fracture
47856	SH31.00	Superficial burn of the arm
73150	S251200	Open fracture finger metacarpal base
63298	SJ01.00	Optic chiasm injury
2710	S3512	Tarsal bone fracture
42798	S465z00	Closed traumatic dislocation of knee not otherwise specified
29911	S4F00	Fracture-dislocation or subluxation knee
36448	S024.11	Fracture of upper jaw, closed
96514	S110800	Cls spinal fracture with anterior cervcl cord lesion, C5-7
63085	7K1G500	Primary open reduction of fracture and functional bracing
63788	SD3z.00	Superficial injury of lower arm NOS, infected
68660	S023400	Open fracture of mandible, ramus, unspecified
5354	S240400	Closed fracture pisiform
41001	S490.12	Closed dislocation of neck
58822	SH41z00	Superficial burn of the wrist or hand NOS
8053	SD11	Abrasions
65946	7G2C700	Escharotomy of burnt skin of head
103914	SC20100	Sequelae of injury to brain
27699	S260E00	Closed fracture finger proximal phalanx, base
45669	SJ512	Shoulder girdle peripheral nerve injury
58718	SJ612	Pelvic girdle peripheral nerve injury
36893	7K1LW00	Primary closed reduction of fracture and skin traction
58699	S932700	Mallet thumb with open tendon injury
51151	SF20.00	Crush injury, shoulder and upper arm
58642	S30x.00	Open fracture of unspecified proximal femur
58640	7K6GF00	Closed reduction of dislocation of lower limb
37609	S0116	Orbital roof fracture
25284	S1z00	Fracture of neck and trunk NOS
29126	SE23113	Contusion of pelvic region
58732	SH42400	Superficial partial thickness burn of thumb and finger(s)
53357	SH92000	Superficial partial thickness burn NOS
18485	SJ700	Injury to other nerves
58031	SD2z.00	Superficial injury of shoulder and upper arm NOS, infected
	S260600	Closed fracture thumb proximal phalanx, neck
58025	S84z.00	Open wound of neck NOS
	SH43.11	Third degree burn of finger
	S30w.00	Closed fracture of unspecified proximal femur
	S4H1300	Open fracture-dislocation, metatarsophalangeal joint, single
	S780211	Bile duct injury without open wound into cavity
51144	\$860.00	Open wound of back, uncomplicated
	S734400	Sigmoid colon injury without open wound into cavity
	S112z00	Closed fracture of thoracic spine with cord lesion NOS
	S23x200	Closed fracture of ulna (alone), unspecified
	S013z00	Open #skull bse + intracranial injury + concussion unspec
54727	S85X.00	Open wound of thorax, part unspecified

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	SB42100	Open injury, femoral vein
	S030.00	Closed fracture of skull NOS without intracranial injury
	S361100	Open fracture middle phalanx, toe
	S713.00	Open injury of lung
	SF03.00	Crushing injury of skull
	S73x100	Pancreas head injury without open wound into cavity
	S231700	Open fracture radial neck
	SE02.00	Contusion, nose
	S331z00	Open fracture of tibia and fibula, proximal NOS
	SH22900	Deep partial thickness burn of the chest wall
64742	SD30300	Abrasion wrist, dorsum
57402	SB41100	Open injury, superficial femoral artery
22137	S440300	Closed traumatic dislocation, distal interphalangeal joint
44715	S200000	Closed fracture of clavicle, unspecified part
98016	7J41200	Posterior decompression of fracture of spine
101840	S331A00	Open fracture tibial plateau
28739	S220400	Closed fracture proximal humerus, head
60583	SB45400	Posterior tibial vein injury
57239	S781z00	Other/mult abdominal organ injury with open wnd to cavity
57223	SR16000	Closed fracture inv thorax wth low back and pelvis and limbs
70410	TN71.00	Injury ?accidental, fall from other man-made structure
40510	SD31z00	Abrasion or friction burn of lower arm, infected, NOS
28197	S261R00	Open fracture finger distal phalanx
69756	SH73100	Burn of the small intestine
29981	S4F4.00	Closed fracture-dislocation, patello-femoral joint
12612	S8600	Open wound of back
56975	S421200	Open traumatic dislocation elbow joint, posterior
48050	SA22.00	Open wound of foot with tendon involvement
17490	SF10112	Crush injury of testis
44619	SH53.00	Full thickness burn of the leg
63868	S712100	Lung contusion without mention of open wound into thorax
56881	SH45.11	Deep third degree burn of finger with loss of a body part
	TN5z.00	Injury ?accidental, by firearm or explosive NOS
95148	SB2z.00	Injury to abdominal and pelvic blood vessel NOS
51988	SJ32200	Lumbar nerve root injury - L3
	S135z00	Other/multiple open fracture of pelvis NOS
	TN100	Injury ?accidental, poisoning by gases in domestic use
	S211	Arm fracture
	\$630.00	Other cerebral h'ge after injury no open intracranial wound
	S4H0000	Closed fracture-dislocation, subtalar joint
	S011000	Closed #skull bse + intracranial inj, unspec state of consc
	SJ02.00	Optic pathway injury
	SJ13.00	Abducens (6th) nerve injury
	S82w300	Open wound of cochlea with complication
	S723000	Open injury of bronchus
	SH21000	Superficial burn of unspecified part of the trunk
	S024000	Closed fracture maxilla
	S4C3600	Open fracture-subluxation peri-lunate trans-scaphoid
	S234z00	Closed fracture of forearm, lower end, NOS
	SA11	Open wound of leg
5075	J, 11	Spen would of leg

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57369 SF02100	Crush injury, larynx
30275 SE24400	Contusion, vagina
25946 SH013	Eyelid burns
107020 SD2z100	Superficial injury of scapular region NOS, infected
63610 S771000	Open injury of bladder
62978 SH42D00	Deep partial thickness burn of the palm of hand
20930 SJ71.00	Injury of peripheral nerves of neck
31847 S362100	Open fracture of great toe
94088 SJ66000	Injury of multiple nerves at lower leg level
57196 S4F3.00	Open fracture-subluxation, knee joint
29164 S33y000	Open fracture of tibia, unspecified part, NOS
47593 S851.00	Open wound of chest wall with complication
71084 SH34500	Deep full thickness burn of shoulder, no loss of body part
32348 S224400	Closed fracture of distal humerus, condyle(s) unspecified
12542 S4712	Dislocation of talus
17286 S241100	Open fracture of the scaphoid
48472 S780212	Gallbladder injury without open wound into cavity
72540 SH44.12	Deep third degree burn of hand, without loss of a body part
25470 S920000	Open wound of hand, palm
4851 S440.00	Closed traumatic dislocation digit
53034 SH42F00	Deep partial thickness burn of wrist
94649 S130100	Closed fracture acetabulum, posterior lip alone
55777 SD01100	Abrasion of neck, infected
31630 SA11100	Open wound of lower leg with complication
35889 7J13200	Closed reduction of fracture of maxilla NEC
65228 S335100	Open fracture distal tibia, intra-articular
68765 S241200	Open fracture lunate
54362 N226.12	Nontraumatic tendon dislocation
55444 SA01100	Open wound of thigh with complication
55531 S02x200	Fracture of palate, closed
6303 S640111	Minor head injury
55447 7K1H200	Secondary open reduction of intraarticular fracture of bone
71059 S490112	Closed dislocation of first cervical vertebra (C1)
51018 S118.00	Closed fracture of coccyx with spinal cord lesion
55435 SA03100	Degloving injury, thigh
42704 E2A2.12	Post-head injury syndrome
95728 S4H2400	Closed fracture-subluxation, IPJ, single toe
55417 SD6zz00	Superficial injury of lower limb, infected, NOS
11235 S834.00	Open wound of face
66853 S281.00	Open ill-defined fractures of upper limb
39775 SE05.12	Bruise of auricle
21263 SE05.11	Bruise of ear
62743 S003z00	Open #skull vlt with intracranial injury + concussion unspec
71710 SB0yz00	Other head and neck blood vessel injury NOS
55212 S4C0600	Closed fracture-dislocation peri-lunate trans-scaphoid
31076 S496700	Closed traumatic dislocation costo-chondral joint
15578 S7700	Injury to pelvic organs
64417 S713000	Lung injury with open wound into thorax, unspecified
54977 SH23300	Full thickness burn of the abdominal wall
6069 7K1LH00	Closed reduction of fracture of finger

12406 S10B.00	Fracture of lumbar spine and pelvis
97971 S303300	Open fracture proximal femur, intertrochanteric, comminuted
50781 S261z00	Open fracture of one or more phalanges of hand NOS
64113 S261G00	• •
	Open fracture finger proximal phalanx, neck
52362 SA23200	Degloving injury heel
1563 SJ7z.00	Injury to other nerve NOS
48213 SH52000	Superficial partial thickness burn of the leg, unspecified
45529 S313000	Open fracture distal femur, unspecified
65084 S135.00	Other or multiple open fracture of pelvis
109693 7K6Gy00	Primary closed reduction of traumatic joint dislocation OS
7754 S225.11	Elbow fracture - open
9223 S42z.00	Dislocation of elbow NOS
63899 S225500	Open fracture of distal humerus, trochlea
22856 SH511	Leg burns
35823 SH31500	Superficial burn of the shoulder
66809 SJ50100	Open injury, axillary nerve
54673 SJ6x200	Closed injury pudendal nerve
14963 SH10300	Unspecified thickness burn of the lip(s)
54646 SB45100	Anterior tibial artery injury, unspecified
60163 S225200	Open fracture distal humerus, lateral condyle
99566 TK01100	Suicide and self inflicted injury by Barbitone
28033 7K6FA00	Primary open reduction of dislocation and wire fixation
53707 Q416100	Perinatal cutaneous bruising
73786 SR10000	Closed fractures involving head with neck
51861 S300311	Closed fracture, base of neck of femur
33719 S450000	Closed traumatic dislocation of hip, unspecified
54361 SB24200	Renal vein injury
64455 S735400	Sigmoid colon injury with open wound into cavity
39325 SJ33.00	Sacral nerve root injury
54280 S330200	Closed fracture of tibia and fibula, proximal
71953 S211600	Open fracture scapula, neck
54242 S312600	Closed fracture distal femur, bicondylar (T-Y fracture)
62833 S224x00	Closed fracture of distal humerus, multiple
101318 S103500	Open fracture thoracic vertebra, posterior arch
23829 SF10000	Crush injury, penis
20411 SE12.00	Contusion, orbital tissues
47830 S490200	Closed dislocation atlanto-axial joint
47384 SJ12.11	Fifth cranial nerve injury
66233 S233100	Open fracture of the radial shaft
29145 S302200	Closed fracture proximal femur, subtrochanteric
54123 S261W00	Open fracture finger distal phalanx, multiple
54121 S870.00	Open wound of buttock, uncomplicated
54073 SJ611	Leg peripheral nerve injury
38502 SJ5C.00	
67669 S135600	Posterior interosseous nerve injury Open fracture polyis, iliac wing
	Open fracture pelvis, iliac wing
6189 SH300	Burn of the arm (excluding wrist and hand)
51147 7J13500	Reduction of Le Fort 2 fracture of maxilla
49492 S9311	Open wound of fingernail
37407 SH51200	Superficial burn of the foot
109408 SJ41300	Inferior mesenteric plexus injury

Superficial injury of trunk
Closed dislocation C2/C3
Face burns
Closed fracture of base of fifth metatarsal
Dislocation or subluxation of hip
Abrasion, chest wall
Arm blood vessel injury NOS
Closed fracture scaphoid, waist, transverse
Accidental burning/scalding caused by boiling liquid, unspec
Second degree burn of thumb
Partial thickness burn of the face, head or neck NOS
Open fracture sesamoid bone of hand
Closed fracture of one rib
Open fracture of sacrum with other spinal cord injury
Open wound of lower arm with tendon involvement, NOS
Closed fracture of clavicle NOS
Closed fracture thoracic vertebra, posterior arch
Closed traumatic dislocation knee joint, medial
Open fracture multiple ribs
Burn:<10% of body surface, 10%/unspec BS full thickness
Closed traumatic dislocation, sterno-clavicular joint, post
Brain cont + open intracranial wound + concussion unspec
Head and neck superficial nerve injury
Fracture of upper end of tibia
Abrasion of forearm, infected
Superficial partial thickness burn of the wrist
Superficial burn of multiple sites of the face, head or neck
Suicide and selfinflicted injury by firearms and explosives
Open wound of face with complication
Closed injury, femoral vein
Multiple fractures of lumbar spine and pelvis Closed fracture rib
Closed fracture of forearm, unspecified
Closed fracture lumbar vertebra, wedge
Superficial injury of neck NOS, infected
Crush injury, lower limb
Other cerebral haemorrhage following injury
Cervical cord injury without evidence of spinal bone injury
Closed fracture-dislocation, carpometacarpal joint
Partial thickness burn of the wrist or hand NOS
Open wounds involving multiple body regions
Superficial injury of breast NOS, without major open wound
Open fracture proximal femur, transepiphyseal
Closed fracture axis, spinous process
Deep partial thickness burn of a single finger
Open fracture-subluxation multiple digits
Cerebral haemorrhage following injury
Open crush injury, thigh
Deep partial thickness burn of the scapular region
Closed fracture-subluxation, ankle joint

50077 CD24 00	Deline and the Color
59077 SB34.00	Palmar artery injury
28342 S804.00	Penetrating wound of orbit with foreign body
62288 S495.00	Open dislocation of other vertebra
30669 S8500	Open wound of chest wall
23758 S712	Internal injury of abdomen
45923 SJ14.11	Seventh cranial nerve injury
5995 SD60.00	Abrasion/friction burn of lower limb, without infection
52620 TG8y400	Accidental burning or scalding caused by plastic
41935 SJ80.00	Concussion and oedema of cervical spinal cord
73288 SH73z00	Burn of the gastrointestinal tract NOS
52499 S330800	Closed fracture fibula, head
436 S4200	Dislocation or subluxation of elbow
52450 SD0z.00	Superficial injury of face/neck/scalp NOS, infected
34077 S49G.00	Dislocation of septal cartilage of nose
32011 S025000	Open fracture maxilla
59497 S84x100	Open wound of supraclavicular region
33593 S01z.00	Fracture of base of skull NOS
33695 S260T00	Closed fracture finger distal phalanx, shaft
106895 S741.00	Open injury of liver
24686 SH23100	Full thickness burn of the breast
12835 SA13.00	Degloving injury, knee or leg or ankle
34839 SD700	Superficial injury of foot and toe(s)
94477 S780000	Intra-abdominal organ injury no open wnd into cavity, unspec
37263 N083612	Patella-recurrent dislocation
52321 SH23200	Full thickness burn of the chest wall
41287 S320400	Closed fracture patella, comminuted (stellate)
91658 7J41400	Posterior decompression of fracture of spine NEC
52300 S110.00	Closed fracture of cervical spine with cord lesion
54590 SH40700	Unspecified thickness burn of the wrist
48931 S730.00	Stomach injury without mention of open wound into cavity
2630 S3300	Fracture of tibia and fibula
7660 S230700	Closed fracture radius, neck
39816 S102000	Closed fracture thoracic vertebra, burst
71567 S125.00	Closed fracture larynx and trachea Halo skull traction for fracture of spine Closed fracture of ilium, unspecified Closed reduction of dislocation of patella
43600 7J42400	Halo skull traction for fracture of spine
40643 S134000	Closed fracture of ilium, unspecified
8015 7K6GB00	Closed reduction of dislocation of patella
109464 SH21x00	Superficial burn of multiple sites of the trunk
51682 S602.00	Concussion with 1-24 hours loss of consciousness
96534 TN30.00	Injury ?accidental, hanging
45224 N083200	Recurrent joint dislocation, of the upper arm
40653 S4F0.00	Closed fracture-dislocation, knee joint
61374 S231500	Open fracture of the proximal ulna
103251 SB23z00	Portal and splenic vein injury NOS
41801 S480800	Closed traumatic dislocation toe, IPJ, multiple
10937 S834200	Open wound of forehead
44598 SJ41000	Coeliac ganglion injury
8800 7K1L600	Closed reduction of fracture of knee
19189 S10A200	Multiple fractures of cervical spine
104011 SB44400	Closed injury, popliteal vein

51754 SK1x600	Injury of multiple intra-abdominal organs
56124 S771100	Open injury of urethra
22144 7K6GN00	Closed reduction fracture disloc joint & internal fixation
93834 S78z.00	Other intra-abdominal organ injury, NOS
61388 S0300	Other and unqualified skull fractures
33808 S232z00	Closed fracture of radius and ulna, shaft, NOS
33883 S230900	Closed fracture of the proximal radius
55999 7K6GU00	Primary closed reduction of dislocation+fixation by wire(s)
47711 SB48000	Injury of dorsal vein of foot
28172 S82z.00	Open wound of ear NOS
59943 S221500	Open fracture of humerus, upper epiphysis
93068 SA01000	Open wound of hip with complication
8112 SH00	Burns
28393 S224800	Closed fracture distal humerus, capitellum
6002 TGyz300	Accidental injury NOS
69409 SH43z00	Full thickness burn of the wrist or hand NOS
62841 S001600	Closed #skull vlt + intracranial injury, LOC unspec duration
35121 SD06200	Splinter of scalp, without major open wound
17922 S4C0000	Closed fracture-dislocation distal radio-ulnar joint
62853 S251000	Open fracture of metacarpal bone(s), site unspecified
28293 S234E00	Closed fracture distal radius, intra-articular, other type
5952 SE41100	Contusion, knee
72434 SH85.00	Burn involving 50-59% of body surface (BS)
15622 7J42500	Spinal traction for fracture of spine NEC
51170 S313.00	Open fracture distal femur
11161 S028300	Fracture of mandible
69156 S711000	Heart injury with open wound into thorax, unspecified
66769 SF02z00	Crush injury, neck NOS
98393 S100800	Closed fracture atlas, isolated arch or articular process
5280 S028000	Fracture of nasal bones
27654 S100600	Closed fracture of sixth cervical vertebra
25129 SH40100	Unspecified thickness burn of a single finger
10454 S4700	Dislocation or subluvation of ankle
53689 S234911	Closed volar Barton's fracture-dislocation
48722 SH20.00	Closed volar Barton's fracture-dislocation Unspecified thickness burn of the trunk Open fracture of clavicle, unspecified part Ulnar blood vessel injury
70864 S201000	Open fracture of clavicle, unspecified part
50795 SB33.00	Ulnar blood vessel injury
48654 S77v400	Vas deferens injury without open wound into cavity
28108 S912.11	Open wound of lower arm with tendon injury
27745 SE33.00	Contusion, finger
50756 SH34100	Deep full thickness burn of forearm, no loss of body part
50749 S133.00	Open fracture of pubis
97720 SH81000	Burn: 10-14% of body surface,<10%/unsp BS full thickness
92354 S040.00	Mult #skull/face+other bones, closed, no intracranial injury
2864 S640.00	Intracranial injury NOS no open intracranial wound
50652 TG81z00	Accidental burning caused by caustic or corrosive NOS
34080 S260900	Closed fracture thumb distal phalanx, base
93916 SD1z700	Superficial injury of flank NOS, infected
19962 SE2z.00	Contusion, trunk NOS
42874 S430700	Closed traumatic dislocation peri-lunate (dorsal)
440/4 3 430/00	Ciosea traditiatic distocation pen-idilate (doisal)

5054 5385 1930 1487 5050 6048 10569 5368 7342	0 SJ34500 9 S320100 6 SF31300 9 S814.00 8 S024.00 2 TN00.00 7 S4D2200 5 S105400 4 SB21.00 6 S223z00 3 S120200	Open injury, brachial plexus, all roots (complete) Closed fracture patella, proximal pole Closed crush injury, knee Eye laceration, unspecified Fracture of malar or maxillary bones, closed Injury ?accidental, poisoning by analgesic or anti-pyretic Closed fracture-subluxation IPJ, unspecified Open fracture lumbar vertebra, transverse process Inferior vena cava injury Open fracture of humerus, shaft or unspecified part NOS Closed fracture of two ribs
	2 S4711	Dislocation of fibula, distal end
	9 S440z00	Closed traumatic dislocation of finger NOS
	9 S128.00	Fracture of sternum
	6 SB47000	Injury of peroneal artery
	5 S77w400	Vas deferens injury with open wound into cavity
	0 SH92.11	Second degree burn
	5 S000300	Closed #skull vlt no intracranial injury, 1-24hr loss consc
	8 S810.00	Ocular laceration without intraocular prolapse
	0 SE13.00	Contusion, eyeball
	1 S779.00	Injury of ovary
	6 7G2CA00	Escharotomy of burnt skin of arm
	2 SA00000	Open wound of hip
	6 S116z00	Closed fracture of sacrum with spinal cord lesion NOS
	9 S240800	Closed fracture hamate
7197	6 SA11z00	Open wound of knee/leg/ankle with complication, NOS
9868	1 S235111	Smith's fracture - open
4333	1 S780.00	Closed injury other intra-abdominal structure
98	9 S89z.00	Other open wounds NOS
5230	5 S251300	Open fracture finger metacarpal shaft
2933	2 N331y00	Other specified pathological fracture
867	0 SE33100	Contusion, thumb
5051	7 S361000	Open fracture proximal phalanx, toe
2066	8 TN700	Injury ?accidental, fall from high place
3741	6 SD00.11	Abrasion or friction burn of head without infection
5875	2 S4B2.00	Closed fracture-subluxation elbow
10204	6 S261V00	Open fracture finger distal phalanx, mallet
3281	2 SK1C500	Injury of multiple muscles and tendons at forearm level
4982	6 SC04.00	Late effect of other fracture of leg
4982	1 S353300	Open fracture cuboid
2513	2 SB0y000	External jugular vein injury
4979	8 S331700	Open fracture tubercle, tibia
3542	5 SD20200	Abrasion, axillary area
4974	5 SA02.11	Open wound of hip and thigh with tendon injury
7085	9 S731.00	Stomach injury with open wound into cavity
	1 SE200	Contusion, trunk
	8 S712z00	Lung injury without mention of open wound into thorax NOS
	3 SA13000	Degloving injury, knee
	7 S740.00	Closed injury of liver
4959	4 SH51000	Superficial burn of the leg, unspecified

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2	868 S413	Fracture dislocations and fracture subluxations
3	5951 7K1LM00	Closed reduction of fracture of wrist
4	41138 S102z00	Closed fracture thoracic vertebra not otherwise specified
5 6	49529 7J42200	Manipulative reduction of fracture of spine
7	28413 S240300	Closed fracture triquetral
8	62827 S837z00	Open wound in mouth with complication, NOS
9	30391 7J18200	Reduction of dislocation of temporomandibular joint
10	33971 SF21.00	Crush injury elbow or forearm
11	11476 SA13100	Degloving injury, lower leg
12 13	45872 SA12.00	Open wound of knee, leg and ankle with tendon involvement
14	53566 S131.00	Open fracture acetabulum
15	49259 SD0y200	Superficial injury of scalp NOS
16	33518 N083L00	Habitual dislocation of the shoulder
17	70886 SA13200	Degloving injury, ankle
18 19	47774 SB41.00	Superficial femoral artery injury
20	12613 SK1E.00	Injury of muscle and tendon at lower leg level
21	63253 S103.00	Open fracture thoracic vertebra
22	58717 SJ35000	Closed injury sacral plexus
23	41707 S022500	Closed fracture of mandible, angle of jaw
24 25	61396 SB3x000	Injury of multiple blood vessels at forearm level
26	48942 SD3yz00	Superficial injury of lower arm, without infection NOS
27	61514 S735500	Rectum injury with open wound into cavity
28	65309 TK54.00	Suicide and selfinflicted injury by other firearm
29	31764 N082400	Pathological dislocation of the hand
30 31	51924 SJ44.00	Iliolumbar nerve injury
32	57978 SJ1z.00	Injury to other cranial nerve NOS
33	70486 S221400	Open fracture proximal humerus, head
34	70684 SH12B00	Deep partial thickness burn of the ear
35	50267 S739.00	Injury of rectum
36 37	60518 S233000	Open fracture of radius, shaft, unspecified
38	8243 S305.00	Subtrochanteric fracture
39	48817 SJ11.00	Trochlear (4th) nerve injury
40	73824 S241B00	Open fracture scaphoid, waist, transverse
41	45934 SR11.00	Fractures involving thorax with lower back and pelvis
42 43	44800 SH42200	Superficial partial thickness burn of the thumb
44	60343 S4C3000	Open fracture-subluxation, distal radio-ulnar joint
45	38844 S903.00	Degloving injury, shoulder or upper arm
46	203 S234.11	Wrist fracture - closed
47	16220 SD9y.00	Other superficial injury, without mention of infection, NOS
48 49	48695 SB47200	Injury of lesser saphenous vein at lower leg level
50	66341 SC100	Late effect of skin and subcutaneous tissue injury
51	28478 SF02000	Crush injury, throat, unspecified
52	1857 S354.00	Fracture of calcaneus
53 54	31761 S4111	Dislocation of humerus
54 55	54238 SH22500	Superficial partial thickness burn of the buttock
56	48635 S420200	Closed traumatic dislocation elbow joint, posterior
57	50080 SB14.00	Innominate (brachiocephalic) vein injury
58	48596 S722200	Closed injury of pleura
59 60	72822 S4H2600	Closed fracture-subluxation, IPJ, multiple toes
00	48540 SAA00	Open wounds involving multiple regions of lower limb(s)
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49801 S331012	Open fracture of tibial tuberosity
724 SK13111	Injury arm
99151 S101511	C5 vertebra open fracture without spinal cord lesion
18301 S235F00	Open Barton's fracture
97064 S013.00	Open fracture base of skull with intracranial injury
17776 S920100	Open wound of hand, dorsum
48245 S233300	Open fracture radius and ulna, middle
48239 S221300	Open fracture proximal humerus, greater tuberosity
73279 SD1z400	Superficial injury of back NOS, infected
100506 SJ64100	Open injury cutaneous sensory nerve, leg
71480 SJ53300	Open injury, radial nerve, sensory branch
48185 S801.00	Full thickness eyelid laceration no lacrimal passage damage
66152 SJ31500	Thoracic nerve root injury - T6
40433 S780400	Retroperitoneum injury without open wound into cavity
35310 S465000	Closed traumatic dislocation of knee, unspecified
51703 S738.00	Injury of colon
35260 S150000	Closed multiple fractures of thoracic spine
4008 S921.00	Open wound of hand with complication
24074 SJ66.00	Injury of nerves at lower leg level
2050 SK17.11	Injury toe
19416 SJ30.00	Cervical nerve root injury
25539 SH40z00	Unspecified thickness burn of the wrist or hand NOS
30347 SE24z00	Contusion, genital organs NOS
56433 SH23.00	Full thickness burn of the trunk
47847 S251z00	Open fracture of metacarpal bone(s) NOS
42076 S234400	Closed fracture of ulna, lower epiphysis
33414 SH52.00	Partial thickness burn of the leg
72455 SJ63100	Closed injury superficial peroneal nerve
12369 S339100	Open fracture of distal fibula
7009 S230600	Closed fracture radius, head
37318 S494.00	Closed dislocation of other vertebra
25312 7J13300	Reduction of blowout fracture of orbital floor
61581 SH12700	Superficial partial thickness burn of the forehead
22636 S930200	Open wound, thumb
50053 S234A00	Closd dorsal Barton's fracture
34401 SD00100	Abrasion/friction burn of neck, without infection
62850 SH32500	Superficial partial thickness burn of the shoulder
65732 TN21.00	Injury ?accidental, poisoning by other carbon monoxide
27775 S465.00	Other closed traumatic dislocation of knee
24672 S100700	Closed fracture of seventh cervical vertebra
73057 S430y00	Other closed traumatic dislocation of wrist
63064 7J03y00	Other specified reduction of fracture of facial bone
47796 SB0y011	Jugular vein injury NOS
70657 S713100	Lung contusion with open wound into thorax
40280 SJ67000	Injury of lateral plantar nerve
94398 S464000	Open traumatic dislocation patello-femoral joint, lateral
46955 S352900	Closed fracture talus, neck
57981 S14z.00	Fracture of ill-defined bone of trunk NOS
16322 S480400	Closed traumatic metatarsal dislocation, unspecified
46798 S4C3100	Open fracture-subluxation radiocarpal joint

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2	69010 SH32000	Superficial partial thickness burn of the arm, unspecified
3	97343 SJ5C100	Open injury, posterior interosseous nerve
4	67871 SH31x00	Superficial burn of multiple sites of the arm
5	8375 SD3y200	Superficial injury of wrist NOS
6 7	42251 SD1y300	Superficial injury abdom wall NOS, without major open wound
8	46592 S132200	Closed fracture pelvis, multiple pubic rami - unstable
9	4359 S23x300	Closed fracture of the radius and ulna
10	36808 SJB2.00	Injury of superficial vein at shoulder and upper arm level
11	89228 S913300	Degloving injury wrist, dorsum
12	46482 SB15.00	Subclavian vein injury
13 14	71940 SB46.00	Deep plantar blood vessel injury
15	33854 SD81z00	Superficial injury of cornea NOS
16	45180 S420600	Closed traumatic dislocation superior radio-ulnar joint
17	5586 SE23.00	Contusion, back
18	33706 S331000	Open fracture of the proximal tibia
19 20	46151 S77C.00	Injury of multiple pelvic organs
21	33908 S2700	Multiple fractures of hand bones
22	68085 S241000	Open fracture of carpal bone, unspecified
23	93679 S4J0300	Closed #-dislocation sterno-clavicular joint, posterior
24	27287 S02x000	Fracture of alveolus, closed
25	33990 S271.00	Open multiple fractures of hand bones
26 27	103210 SH24100	Deep full thickness burn of breast without loss of body part
28	9475 SH100	Burn of the face, head or neck
29	19134 SB43.00	
30		Saphenous vein injury Closed fracture of fourth cervical vertebra
31	41548 S100400	
32 33	48759 SD20100	Abrasion, scapular area
34	16031 \$770000	Closed injury of bladder
35	50897 SJ16000	Closed injury, accessory nerve
36	56525 S346000	Closed fracture ankle, trimalleolar, low fibular fracture
37	103524 S4C2200	Closed fracture-subluxation mid carpal
38 39	23821 SK1D.00	Injury of muscle and tendon at hip and thigh level
40	45374 S260x00	Closed fractures of phalanx or phalanges, multiple sites
41	31553 SB00300	Internal carotid artery injury
42	28376 SH41700	Superficial burn of the wrist
43	34334 S933.00	Degloving injury, finger Open fracture scapula, acromion
44	55687 S211100	
45 46	17462 SF01.00	Crush injury, scalp
47	62832 SJ50000	Closed injury, axillary nerve
48	45826 SH74000	Burn of the vagina
49	45488 SE32400	Contusion wrist, volar
50	28209 S911000	Open wound of forearm with complication
51 52	69470 SF30400	Closed crush injury, hip
53	59333 S491500	Open dislocation C4/C5
54	10737 8211	Closed reduction of fracture
55	11493 SD31.00	Abrasion or friction burn of lower arm, infected
56	40373 SF31000	Crush injury, lower leg
57 58	67988 TN05.00	Injury ?accidental, poisoning by drug or medicament NOS
58 59	61675 S235900	Open volar Barton's fracture
60	60222 SJ31000	Thoracic nerve root injury - T1
	34166 S10z.00	Fracture of spine without mention of spinal cord lesion NOS

40697 SH6z.00	Burn of multiple specified sites NOS
21473 SD80.00	Superficial injury of eyelids and periocular area
4883 SE0z.00	Contusion of face, scalp and neck NOS
56120 ZRM11	ISS - Injury severity score
59932 S410y00	Other closed traumatic dislocation of shoulder
37013 TG81100	Accidental burning caused by ammonia
93039 TN200	Injury ?accidental, poisoning by other gases
29766 S8000	Open wound of ocular adnexa
56384 S120300	Closed fracture of three ribs
67641 SC00.00	Late effect of fracture of skull and face bones
36291 S832z00	Open wound of nose NOS
35066 SA12.11	Open wound of leg with tendon injury
2127 S836400	Open wound of tongue
68940 S025z00	Fracture of malar or maxillary bones, open, NOS
27632 S643.00	Diffuse brain injury
59341 S022300	Closed fracture of mandible, coronoid process
55483 SB23300	Splenic vein injury
67584 S4C0200	Closed fracture-dislocation mid carpal
33749 S200.00	Closed fracture of clavicle
53693 S251500	Open fracture finger metacarpal head
65728 SH23400	Full thickness burn of the back (excluding buttock)
53582 S740y00	Other liver laceration without open wound into cavity
2643 S2511	Hand fracture - metacarpal bone
99162 SJ41200	Splanchnic nerve injury
73447 S750z00	Spleen injury without mention of open wound into cavity NOS
27848 SJ61000	Closed injury femoral nerve
56961 S1200	Fracture of rib(s), sternum, larynx and trachea
59278 SJ21.11	Dorsal cord injury without spinal bone injury
56831 SC20z00	Late effect of intracranial injury NOS
37192 S021.11	Open fracture nasal bone
69418 S130400	Closed fracture acetabulum, floor
52398 S260V00	Closed fracture finger distal phalanx, mallet
60090 S441100	Open traumatic dislocation metacarpophalangeal joint
94360 S311z00	Open fracture of femur, shaft or unspecified part, NOS
16496 S7600	Injury to kidney
10676 S424.00	Dislocation of radial head
91120 SJ1y100	Glossopharyngeal (9th) nerve injury
38472 7K1Ld00	Primary arthroscopic reduction of fracture
43786 S1112	Fracture of vertebra with spinal cord lesion
54299 S100K00	Closed fracture cervical vertebra, spinous process
71512 SC200	Late effect of nervous system injury
5886 7K1L700	Closed reduction of fracture of tibia and or fibula
95781 S497z00	Open dislocation NOS
37087 S82v012	Open wound of tympanic membrane without complication
57444 S116.00	Closed fracture of sacrum with spinal cord lesion
34106 S311000	Open fracture of femur, unspecified part
25173 7J03000	Reduction of fracture of nasoethmoid complex of bones
12791 S310011	Thigh fracture NOS
94172 SH22x00	Partial thickness burn of multiple sites of the trunk
56539 SB24100	Renal artery injury

27201 CD7	7-100 Cunou	ficial injury of too NOC inforted
37281 SD7	•	ficial injury of toe NOS, infected
45779 S30		d fracture of femur, upper epiphysis
49564 7J4:	•	reduction of fracture of spine & excis facet of spine
68103 S73		eas tail injury without open wound into cavity
3408 S02	•	fracture nose
17765 SH5	•	ficial burn of the thigh
102013 S24	•	fracture of carpal bone NOS
51314 SH5		nickness burn of the toe(s)
38867 SR2	00 Disloc	cations, sprains & strains involv multiple body regions
33679 S26	0G00 Close	d fracture finger proximal phalanx, neck
11470 SA1	00 Open	wound of knee, leg and ankle
73713 SH4	14000 Deep	full thickness burn of hand unsp, no loss of body part
39991 7K6	GD00 Close	d reduction of dislocation of foot
12101 SD6	60000 Abras	ion, hip
73981 S30	1.00 Open	fracture proximal femur, transcervical
64872 S10	2300 Close	d fracture thoracic vertebra, spinous process
96120 S43	0200 Close	d traumatic dislocation radiocarpal joint
96984 S13	5000 Open	fracture of ilium, unspecified
8702 SD6	500 Super	ficial injury of lower limb, excluding foot
64098 SF2		injury, elbow and forearm NOS
57979 S24		d fracture of carpal bone, unspecified
33929 S24		d fracture of carpal bone NOS
40833 SD2		ion or friction burn shoulder/upper arm, infected, NOS
64525 SH7		of the pharynx
56927 S4G		fracture-dislocation, ankle joint
28038 SE2	•	ision, anterior abdominal wall
8704 S23		fracture of the radius and ulna
73788 S11		d spinal fracture with cauda equina lesion
96659 S10		d fracture thoracic vertebra, spondylolysis
94457 SH8		10-14% of body surface, 10-14% BS full thickness
47837 S24		d fracture scaphoid, waist, oblique
67443 S73		verse colon injury without open wound into cavity
101517 S11		d fracture of coccyx with spinal cord lesion NOS
54471 SF3		injury, ankle and foot, excluding toe(s)
29003 SH4		nickness burn of the thumb wound of foot NOS
28124 SA2	•	
70604 S22	•	fracture proximal humerus, three part
22512 SJ59	J	thoracic nerve injury
99549 S02	•	fracture of mandible, subcondylar
56311 S24	•	fracture trapezium
2672 S36		ure of one or more phalanges of foot
49357 TG8	30200 Accid	ental burning or scalding caused by liquid metal
36460 S49	z.00 Other	dislocation NOS
65300 S10	1600 Open	fracture of sixth cervical vertebra
110570 S41	.1500 Open	traumatic dislocation scapula
28604 S36	2000 Close	d fracture of great toe
23780 S03	z.11 Depre	essed skull fracture NOS
110247 7J4	2J00 Prima	ry closed reduction spinal fracture alone
25485 S33	z.00 Fractı	ure of tibia and fibula, NOS
98867 S25	1A00 Open	fracture thumb metacarpal shaft
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110059	SJ33100	Sacral nerve root injury - S2
7672	7K1D.00	Primary open reduction fracture bone & intramedull fixation
51392	7J13100	Open reduction of fracture of maxilla NEC
38765	S34y.00	Open fracture ankle, unspecified
20589 9	S911200	Open wound of wrist with complication
24246 9	SK1x800	Multiple open wounds of lower leg
23741 9	SJW00	Injury of unspecified nerve at forearm level
65731 9	S261900	Open fracture thumb distal phalanx, base
384 7	TC11	Fall - accidental
55201 9	S231z00	Open fracture of forearm, upper end, NOS
108484	S112000	Cls spinal fracture with unspec thoracic cord lesion,T1-6
108839	SH88.00	Burn involving 80-89% of body surface (BS)
48874 9	S4D2.00	Closed fracture-subluxation digit
98165	7J42B00	Primary other external stabilisation of spinal fracture
104624 9	S431200	Open traumatic dislocation radiocarpal joint
108551	S490211	Closed dislocation of second cervical vertebra (C2)
109098 9	SJ2x.00	Spinal cord injury multiple site without spinal bone injury
27492 9	S031.00	Closed fracture of skull NOS with intracranial injury
933 F	PE30.00	Congenital dislocation of hip
93829	S491.12	Open dislocation of neck
5918 9	SK1D000	Injury of adductor muscle and tendon of thigh
108000 9	S135100	Open fracture pelvis, ischium
106875	S4H1600	Open fracture-dislocation, IPJ, multiple toes
48625 9	S723100	Open injury of oesophagus
38482 9	SF23200	Closed crush injury, finger, multiple
27718 9	S4A0100	Closed fracture-dislocation acromio-clavicular joint
22403 9	SB44.00	Popliteal blood vessel injury
69319	7J13z00	Reduction of fracture of maxilla NOS
27719 9	\$334.00	Closed fracture distal tibia
61735	SJ41.00	Other sympathic nerve injury
52340 9	S4H1.00	Open fracture-dislocation, foot
106511 9	S621z00	Subarachnoid h'ge inj + open intracran wnd+concussion unspec
44054 9	S491800	Open dislocation C7/T1
5860 9	SD1y100	Superficial injury chest wall NOS, without major open wound
59199	S481600	Open traumatic dislocation toe, IPJ, single
6248	7K1J.00	Closed (or no) reduction of fracture and internal fixation
99932 9	S431100	Open traumatic dislocation distal radio-ulnar joint
106490 9	S73y100	Pancreas head injury with open wound into cavity
100701 9	S725000	Closed injury of thoracic trachea
44640 9	S900200	Open wound of axillary region
30707 9	S0112	Ethmoid sinus fracture
33985	S4D0300	Closed fracture-dislocation, distal interphalangeal joint
93458 9	S622z00	Subdural h'ge inj no open intracran wound+concussion unspec
10149 9	S23A.00	Fracture of shafts of both ulna and radius
106172 5	SJ51100	Closed injury, median nerve, palmar sensory branch
106139	TN01300	Injury ?accidental poisoning by Pentobarbitone
40976 9	S292000	Closed multiple fractures of clavicle, scapula and humerus
35650 9	SB10.00	Thoracic aorta injury
10475	7K6GH00	Closed reduction of dislocation of jaw
33937 9	SH32.00	Partial thickness burn of the arm

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	S4J3000	Open fracture-subluxation of sternum
	S490z00	Closed dislocation of cervical vertebra NOS
	S345000	Open fracture ankle, bimalleolar, low fibular fracture
	S263.00	Fracture of other finger Closed traumatic dislocation, head of fibula
	S465600	Closed traumatic dislocation, head of fibula
	S72x.00	Multiple intrathoracic organ injury no open wound to cavity
	S601.00	Concussion with less than 1 hour loss of consciousness
	S361200	Open fracture distal phalanx, toe
	SJ10.00	Oculomotor (3rd) nerve injury
	S223000	Open fracture of humerus NOS
	7K6GL00	Closed reduction of dislocation of nasal septum
	SD71.00	Abrasion or friction burn of foot and toe, infected
	SJ31800	Thoracic nerve root injury - T9
	SB23.00	Portal and splenic vein injury
	S4F6.00	Closed fracture-subluxation, patello-femoral joint
	S011300	Closed #skull bse + intracranial injury, 1-24hr loss consc
	SD20400	Abrasion, clavicular area
	SD6z.00	Superficial injury of lower limb, infected
	SH54300	Deep full thickness burn of ankle without loss of body part
	S235400	Open fracture of ulna, lower epiphysis
	7J43.00	Fixation of fracture of spine
	SH71z00	Burn of the larynx, trachea or lung NOS
	TKxz.00	Suicide and selfinflicted injury by other means NOS
	N226K00	Dislocation of tendon, wrist or hand
	S10A000	Fracture of first cervical vertebra
	S333200	Open fracture of tibia and fibula, shaft
	S010000	Closed #skull bse no intracranial injury, unspec state consc
	SA23.00	Degloving injury, foot
	S441z00	Open traumatic dislocation of finger not otherwise specified
	S224.11	Elbow fracture - closed
	SE32000	Contusion, hand, excluding finger
	SD11500	Abrasion of buttock, infected
	S4B2100	Closed fracture-subluxation superior radio-ulnar joint
	S110100	Cls spinal fracture with complete cervcl cord lesion, C1-4
	S261L00	Open fracture finger middle phalanx, base
	SK12500	Injury of muscle of rotator cuff of shoulder
	S303011	Open fracture of femur, greater trochanter
	S4D2600	Closed fracture-subluxation multiple digits
	SK12z00	Other shoulder and upper arm injury NOS
	SB00z00	Carotid artery injury NOS
	S232000	Closed fracture of radius, shaft, unspecified
	SJ31900	Thoracic nerve root injury - T10
	S23y.00	Open fracture of radius and ulna, unspecified part
	SJ33000	Sacral nerve root injury - S1
	SK1x200	Multiple open wounds of neck
	SyuA400	[X]Multiple dislocations, sprains and strains, unspecified
	SE23000	Contusion, interscapular region
	TK600	Suicide and selfinflicted injury by cutting and stabbing
	SB200	Injury to abdominal and pelvic blood vessels
4452	N083.00	Recurrent dislocation of joint

102775 SJ21z00	Thoracic cord injury without spinal bone injury, NOS
104898 SA03000	Degloving injury, hip
25654 7K6F.00	Primary open reduction of traumatic dislocation of joint
62728 S760000	Kidney injury without open wound into cavity, unspecified
28325 SH012	Corneal burns
72101 S494z00	Closed dislocation of spine NOS
57592 S210z00	Closed fracture of scapula NOS
59419 S833200	Open wound of nasal cavity with complication
102254 7K1Y.00	Second closed reduction fracture bone and internal fixation
105238 K0412	Acute kidney injury
10843 TN60.00	Injury ?accidental, by cutting instrument
60260 S023800	Open fracture of mandible, body, other and unspecified
34454 SJ54.00	Musculocutaneous nerve injury
71411 SH33000	Full thickness burn of the arm, unspecified
66298 S840000	Open wound of larynx and trachea, unspecified
54149 S4B1000	Open fracture-dislocation elbow joint
9736 S0115	Occiput bone fracture
61631 S431400	Open traumatic dislocation CMCJ
18453 S49x.13	Hand dislocation NOS
35312 S02yz00	Fracture of other facial bones, open, NOS
101914 S82v300	Open wound of cochlea
71722 S852.00	Open wound of front wall of thorax
23753 TK700	Suicide and selfinflicted injury by jumping from high place
9165 S234300	Closed fracture of ulna, styloid process
55189 SF32z00	Crush injury, ankle and foot NOS
25768 SD5z.00	Superficial injury of finger NOS, infected
24804 SF10211	Crush injury of labia
34355 7K1JK00	Primary closed reduction of fracture and wire fixation
27431 SH20600	Unspecified thickness burn of the genitalia
6998 SE23100	Contusion, buttock
38296 SA400	Multiple and unspecified open wound of lower limb
101909 S495100	Open dislocation of coccyx
101488 SF20900	Open crush injury, shoulder area
34634 7J42100	Open reduction of fracture of spine NEC
63049 S4D0600	Closed fracture-dislocation multiple digits
7485 SD61.00	Abrasion or friction burn of lower limb, infected
47842 S000.00	Closed fracture vault of skull without intracranial injury
101241 SB16.00	Pulmonary blood vessel injury
19058 S234D00	Closed fracture distal radius, extra-articular, other type
44790 S232200	Closed fracture of the ulnar shaft
66544 S4D3100	Open fracture-subluxation, metacarpophalangeal joint
94416 S261500	Open fracture thumb proximal phalanx, shaft
100875 S61x600	Brain cont no open intracranial wound + LOC unspec duration
29673 S82v.00	Other open wound of ear
18958 SH21200	Superficial burn of the chest wall
100771 S301311	Open fracture base of neck of femur
97736 S497700	Open traumatic dislocation costo-chondral joint
68731 SH13200	Full thickness burn of the eye
100640 S33B.00	Open fracture of distal tibia and fibula
44885 SB2y100	Ovarian vein injury

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	PE8y200	Congenital dislocation of elbow
	S3700	Fracture of lower limb, level unspecified
	S362.00	Fracture of great toe
	S836x00	Multiple open mouth wounds
	S330000	Closed fracture of the proximal tibia
	SE1z.00	Contusion, eye NOS
39355	SJ23.00	Sacral cord injury without bony injury
31982	S820000	Open wound of external ear, unspecified
68436	S894.00	Open wound of lateral abdominal wall
104726	S003400	Open #skull vlt + intracranial injury, >24hr LOC + recovery
34367	S23y100	Open fracture of radius (alone), unspecified
34158	S420.00	Closed traumatic dislocation elbow joint
96734	S481700	Open traumatic dislocation, metatarso-phalangeal jnt, multi
8439	SD41.00	Abrasion or friction burn of hand, infected
41154	S776.00	Injury of ureter
65195	SH41.11	Erythema of wrist and hand, first degree burn
28954	S312.00	Closed fracture distal femur
36282	SD4z.00	Superficial injury of hand NOS, infected
51916	SH14900	Deep full thickness burn of neck without loss of body part
73759	S821z00	Open wound of external ear with complication, NOS
97891	TN52.00	Injury ?accidental, by hunting rifle
47828	S347000	Open fracture ankle, trimalleolar, low fibular fracture
3373	S834400	Open wound of lip
60560	S901300	Open wound of upper arm with complication
27517	SE22200	Contusion, groin
99895	S12y.00	Fracture of other parts of bony thorax
99127	SH85z00	Burn: 50-59% of body surface NOS
18360	S410.00	Closed traumatic dislocation of shoulder
7393	7K15.00	Other surgical fracture of bone
835	S10B200	Fracture of coccyx
66322	S150100	Open multiple fracture of thoracic spine
48959	SA11.00	Open wound of knee, leg and ankle with complication
	7K6GX00	Primary closed reduction of fracture dislocation alone
	S353500	Open fracture intermediate cuneiform
	SC00	Late effects injury/poisoning/toxic effects/external causes
27615	SF23300	Open crush injury, finger
	S440600	Closed traumatic dislocation multiple digits
	S302012	Closed fracture of femur, lesser trochanter
2490	S9313	Open wound of thumb
	SH24500	Deep full thickness burn of buttock, no loss of body part
	SC13.00	Late effect of contusion
	S4F5.00	Open fracture-dislocation, patello-femoral joint
	SB22100	Gastric artery injury
	S480200	Closed traumatic dislocation, midtarsal joint
	SH87.00	Burn involving 70-79% of body surface (BS)
	S225400	Open fracture of distal humerus, condyle(s) unspecified
	S130z00	Closed fracture acetabulum NOS
	S480300	Closed traumatic dislocation, tarso-metatarsal joint
	SH73300	Burn of the rectum
	S47z.00	Dislocation of ankle NOS
31320	5 1, 2.00	Distribution of affine 1100

	S4C2600	Closed fracture-subluxation peri-lunate trans-scaphoid
30561	SH11800	Superficial burn of the cheek
	SJ20z00	Cervical cord injury without spinal bone injury NOS
37575	SH10700	Unspecified thickness burn of the forehead
22427	S430012	Dislocation of radius - distal
99140	SH55300	Deep full thickness burn of ankle, with loss of body part
18239	SJ30500	Cervical nerve root injury - C6
69297	TN6z.00	Injury ?accidental, by cutting or stabbing instrument NOS
99080	S735.00	Colon or rectum injury with open wound into cavity
9719	SJ52.00	Ulnar nerve injury
93426	SH13700	Full thickness burn of the forehead
33705	SJ56400	Open injury, digital nerve in finger
417	S020.00	Closed fracture nose
56576	SJ32100	Lumbar nerve root injury - L2
99018	S001100	Closed #skull vlt + intracranial injury, no loss of consc
21942	7K1Gy11	Primary open reduction of bone fracture & external fixation
72412	S001400	Closed #skull vlt + intracranial injury, >24hr LOC+recovery
94265	S4D1200	Open fracture-dislocation IPJ, unspecified
53632	SD6z300	Superficial injury of lower leg NOS, infected
40378	S910300	Open wound of wrist, volar
99325	S225x00	Open fracture of distal humerus, multiple
29913	SH42100	Superficial partial thickness burn of a single finger
107041	S043.00	Mult #skull/face + other bones, open + intracranial injury
53859	SD70z00	Abrasion of foot and toe, without mention of infection, NOS
66539	7K6FF00	Primary open reduction of # dislocation+cast immobilisation
24797	SF00.00	Crush injury, face
57067	S820200	Open wound of auditory canal
5139	SE42100	Contusion, ankle
801	S430400	Closed traumatic dislocation carpometacarpal joint
98096	SB34100	Open injury, palmar artery
46171	7J42700	Primary collar stabilisation of spinal fracture
	SJ70.12	Neck superficial nerve injury
99584	SB24z00	Renal blood vessel injury NOS
	SJ90.00	Concussion and oedema of thoracic spinal cord
	SF31400	Open crush injury, lower leg
	SD70000	Abrasion, foot
	SH42000	Superficial partial thickness burn of hand, unspecified
	SF21400	Open crush injury, forearm
	\$880000	Degloving injury penis
	SRz00	Injury involving multiple body regions NOS
	S73A.00	Injury of anus
	SF30100	Crush injury, hip
	S480100	Closed traumatic tarsal dislocation, unspecified
	SD10200	Abrasion, breast
	S77B.00	Injury of uterus
	S77.00	Other and unspecified intrathoracic organ injury
	7K6G900	Closed reduction of dislocation of hip
	S132y00	Other specified closed fracture pubis
	SF22900	Open crush injury hand, palm
	S332100	Closed fracture shaft of fibula
20720	3332100	Globes tracture shart of fibula

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1 2	29889 SE32300	Contusion hand, dorsum
3	71846 SF00z00	Crush injury, face NOS
4	58720 S4E1.00	Open fracture-dislocation, hip joint
5	97354 S107100	Open vertical fracture of sacrum
6 7	68595 S4C2300	Closed fracture-subluxation, carpometacarpal joint
8	31474 SH52500	Superficial partial thickness burn of the knee
9	16389 S210100	Closed fracture scapula, acromion
10	6731 S349.00	Fracture of lateral malleolus
11	69654 SD2z300	Superficial injury of upper arm NOS, infected
12	11254 SE31100	Contusion, elbow area
13 14	18962 7K1L500	Closed reduction of fracture of femur
15	48076 SB25300	Iliac artery injury
16	54221 SA11200	Open wound of ankle with complication
17	9346 SD3y100	Superficial injury of forearm NOS
18	52724 SH52400	Superficial partial thickness burn of the lower leg
19 20	72735 SJ34200	Closed injury, brachial plexus, all roots (complete)
21	41893 SH31000	Superficial burn of the arm, unspecified
22	96643 S126100	Open fracture of hyoid bone
23	56309 SD10z00	Abrasion/friction burn of trunk, without infection NOS
24	63983 TN07.00	Injury ?accidental, poisoning by agricultural chemicals
25 26	40313 SH43700	Full thickness burn of the wrist
27	65361 SJB3.00	Injury/multiple blood vessels at shoulder+upper arm level
28	96716 S781.00	Open injury other intra-abdominal structure
29	8915 S293.00	Multiple fractures of forearm
30	65647 S645000	Intracranial injury with prolonged coma without open wound
31 32	27497 SD80z00	Superficial injury of eyelids and periocular area NOS
33	25026 SB36000	Injury of vein at forearm level
34	62562 S131y00	Other specified open fracture acetabulum
35	24611 7K6F200	Primary open reduction of fracture dislocation of joint NEC
36	63191 TG80500	Accidental burning/scalding by boiling water from saucepan
37 38	40888 TN50.00	Injury ?accidental, by handgun
39	54915 SC07.00	Late effect of sprain without mention of tendon injury
40	49847 S352600	Closed fracture lateral cuneiform
41	41819 SD40000	Abrasion hand, palm
42	97791 S780300	Peritoneum injury without mention of open wound into cavity
43 44	57061 SE32500	Contusion wrist, dorsum
45	60754 S46C.00	Injury to multiple structures of knee
46	96473 S117.00	Open fracture of sacrum with spinal cord lesion
47	38492 SH12611	Scalp - 2nd degree burn
48	7034 7K1LE00	Closed reduction of fracture of elbow
49 50	26133 S430500	Closed traumatic dislocation proximal metacarpal
51	56886 S240y00	Closed tradifiatic dislocation proximal metacarpar
52	96434 SJ6z.00	•
53	29162 S3zz.00	Pelvic girdle and lower limb nerve injury NOS Fracture of bones NOS
54	12441 S834600	Open wound of chin
55 56		·
57	53036 SD0yz00	Superficial injury of face/neck/scalp, no infection, NOS
58	104738 S02y200	Fracture of palate, open
59	69261 S832x00 7606 TN82.00	Multiple wounds of nose
60	11825 SK100	Injury ?accidental, by scald Other specified injury
	11023 3K1UU	Other specified injury

24065 SJ500	Shoulder girdle and upper limb peripheral nerve injury
28524 S102100	Closed fracture thoracic vertebra, wedge
65028 S4H2100	Closed fracture-subluxation, midtarsal joint
15800 7J03.00	Reduction of fracture of facial bone
96956 SD1zC00	Superficial injury of vulva NOS, infected
95839 S12y000	Closed fracture of other parts of bony thorax
35974 S481300	Open traumatic dislocation, tarso-metatarsal joint
9926 SE04.00	Contusion, gum
100361 S497600	Open traumatic dislocation costo-vertebral joint
9202 SH900	Burn - unspecified
28475 SD61400	Abrasion of ankle, infected
95633 S294000	Cl fractures involving multiple regions of both upper limbs
29313 SA1z.00	Open wound of knee, leg and ankle NOS
41555 S933000	Degloving injury, finger unspecified
95601 SB25.00	Iliac blood vessel injury
62716 S022.11	Fracture of inferior maxilla, closed
6727 SF200	Crush injury, upper limb
3898 S910200	Open wound of wrist, unspecified
6579 SD7y100	Superficial injury of toe NOS
806 S339.00	Fracture of fibula alone
55106 SH53600	Full thickness burn of the thigh
66610 S73y500	Appendix injury with open wound into cavity
11938 SD20.00	Abrasion/friction burn shoulder/upper arm without infection
94709 S860000	Degloving injury back
48886 S102400	Closed fracture thoracic vertebra, transverse process
51938 S333100	Open fracture shaft of fibula
55171 SJ31300	Thoracic nerve root injury - T4
12232 SD00200	Abrasion, scalp
45192 SB34200	Injury of superficial palmar arch
73072 SH23000	Full thickness burn of the trunk, unspecified
69475 S913000	Degloving injury, forearm
31130 SD7z.00	Superficial injury of foot and toe NOS, infected
7500 S262.00	Fracture of thumb
25811 S250800	Closed fracture of thumb metacarpal
70503 S233200	Open fracture of the ulnar shaft
71894 S901000	Open wound of shoulder region with complication
28234 S134400	Closed fracture pelvis, anterior superior iliac spine
68021 SJ17.00	Hypoglossal (12th) nerve injury
99512 S604.00	Concussion with >24 hrs loss of consc without full recovery
16886 S8112	Open wound of eye
37858 S410211	Posterior dislocation of shoulder
51741 SC01000	Late effect of fracture of cervical vertebra
33974 S341.00	Open fracture ankle, medial malleolus
48332 7K6Gb00	Primary closed reduction # dislocation+fixation by wire(s)
103696 SJ22500	Incomplete lumbar cord injury,unsp,without bony injury
31031 SH52.11	Blister of leg, second degree burn
40078 S125100	Closed fracture of hyoid bone
50524 S000200	Closed #skull vlt no intracranial injury, <1hr loss of consc
65542 S781300	Peritoneum injury with open wound into cavity
104931 S023600	Open fracture of mandible, symphysis of body

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94368	S774.00	Closed injury of uterus
94365	SB44100	Popliteal artery injury, unspecified
10252	S100	Fracture of neck and trunk
68514	S4H3400	Open fracture-subluxation, IPJ, single toe
94292	S100D00	Closed fracture axis, transverse process
68737	SA12100	Open wound of lower leg with tendon involvement
35076	SJ6X.00	Injury of unspecified nerve at hip and thigh level
8199	S264.00	Multiple fractures of fingers
43094	SH89.00	Burn involving >90% of body surface (BS)
38733	S330700	Closed fracture tubercle, tibia
94189	S115.00	Open fracture of lumbar spine with spinal cord lesion
110419	SH45000	Deep full thickness burn of hand unsp, with loss body part
95581	SB44z00	Popliteal blood vessel injury NOS
30072	SC08.00	Late effect of tendon injury
34403	S10A100	Fracture of second cervical vertebra
100528	SB25400	Iliac vein injury
52414	SH51z00	Superficial burn of the leg NOS
24135	S0114	Middle fossa fracture
55327	S312x00	Closed fracture distal femur, comminuted/intra-articular
7428	7K1LG00	Closed reduction of fracture of shoulder
	N331N00	Fragility fracture
60239	S023z00	Fracture of mandible, open, NOS
50356	SH30300	Unspecified thickness burn of the upper arm
56302	TG8yz00	Accidental burning caused by hot object NOS
40495	SH40400	Unspecified thickness burn of the thumb and finger(s)
35913	\$8900	Other open wounds of other sites, excluding limbs
35198	S4D0.00	Closed fracture-dislocation digit
61265	SH21z00	Superficial burn of the trunk NOS
	7K1K.00	Closed (or no) reduction of fracture and external fixation
63292	S4C1600	Open fracture-dislocation peri-lunate trans-scaphoid
93536	S353900	Open fracture talus, neck
	S3x0.00	Other, multiple and ill-defined closed fractures lower limb
	TN81.00	Injury ?accidental, by burns or fire
	SJ53400	Injury of radial nerve at wrist and hand level
93374	S4E2.00	Closed fracture-subluxation, hip joint
	SH13x00	Full thickness burn of multiple sites of face, head or neck
	TN80100	Injury ?accidental, by lying before moving object
61668	SH22.11	Blister of trunk, second degree burn
	S74z.00	Injury to liver, NOS
63982	S123.00	Open fracture sternum
51685	TK31.00	Suicide + selfinflicted injury by suffocation by plastic bag
91555	SH62.00	Partial thickness burn of multiple specified sites
9203	SF32100	Crush injury, ankle
66754	S640z00	Intracranial inj NOS no open intracran wnd+concussion unspec
100796	S012200	Open #skull bse no intracranial injury, <1hr loss of consc
94661	S4C3300	Open fracture-subluxation, carpometacarpal joint
42200	S4H0300	Closed #-dislocation, metatarsophalangeal joint, single
67358	S100411	C4 vertebra closed fracture without spinal cord lesion
	TK7z.00	Suicide+selfinflicted injury-jump from high place NOS
71903	TN8z.00	Injury ?accidental, by means NOS

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4409 S1012	Fracture of vertebra without spinal cord lesion
92296 SH62000	Superficial partial thickness burn multiple specified sites
15260 SH40300	Unspecified thickness burn of more than one finger
66371 TN70.00	Injury ?accidental, fall from residential premises
60110 7K6F900	Primary open reduction of dislocation and skin traction
91823 SF11.00	Crush injury, other trunk sites
105958 S466000	Open traumatic dislocation of knee, unspecified
34954 S352400	Closed fracture medial cuneiform
38054 S30z.00	Open fracture of neck of femur NOS
91431 SB4W.00	Injury of unspecified blood vessel at lower leg level
91261 SA41.00	Multiple and unspec open wound of leg with complication
52780 S910z00	Open wound of lower arm, NOS
55955 S023500	Open fracture of mandible, angle of jaw
96483 SF22300	Closed crush injury wrist, volar
44687 SF23500	Open crush injury, finger, multiple
37478 S48z.00	Dislocation of foot NOS
99517 S741400	Liver major laceration with open wound into cavity
73210 S301400	Open fracture head, femur
65155 S4J0000	Closed fracture-dislocation of sternum
70673 S023000	Open fracture mandible (site unspecified)
89468 S491.13	Open dislocation cervical vertebra
89434 7P20100	Delivery of rehabilitation for hip fracture
16278 SD71z00	Abrasion or friction burn of foot and toe, infected, NOS
34212 S4J2100	Closed fracture-subluxation of pelvis
51950 SH25500	Deep full thickness burn of buttock, with loss of body part
53043 SJ51300	Open injury, median nerve
12859 SD30200	Abrasion wrist, volar
10589 SD71000	Abrasion of foot, infected
18295 SE24100	Contusion, penis
101906 TKx6.00	Suicide and selfinflicted injury by crashing of aircraft
3410 S4300	Dislocation or subluxation of wrist
71545 SH22000	Superficial partial thickness burn unspecified part of trunk
53593 S261B00	Open fracture thumb distal phalanx, tuft
86395 SJ31A00	Thoracic nerve root injury - T11
32298 S6z00	Intracranial injury, excluding those with skull fracture NOS
21909 SD10900	Abrasion, perineum
73193 SF1y.00	Crush injury, trunk, multiple sites
32012 7K1Le00	Primary arthroscopic reduction and fixation of fracture
73956 S121700	Open fracture of seven ribs
62877 TH000	Late effects of accidental injury
66431 SH56.00	Burn and corrosion of hip and lower limb, except ankle & foot
73812 7K1N900	Primary skeletal traction of fracture
30076 S2z00	Fracture of upper limb NOS
5766 SF32000	Crush injury, foot
3090 SE42000	Contusion, foot
38826 SD11200	Abrasion of breast, infected
36742 SD6y300	Superficial injury of lower leg NOS
40590 S480700	Cls traumatic dislocation, metatarso-phalangeal jnt,multiple
23987 S234211	Dupuytren's fracture, radius - closed
102868 SB2y.00	Other abdominal or pelvic blood vessel injury

1	73714 S740000	Liver injury without open wound into cavity, unspecified
2	43705 SC12.00	Late effect of superficial injury
4	33692 S0z00	Fracture of skull NOS
5	38878 S301500	Open fracture proximal femur, subcapital, Garden grade unspec
6	96413 SF0z.00	Crush injury, face, scalp and neck NOS
7	37394 SFz00	Crushing injury NOS
8	101173 SJ52700	Open injury, ulnar nerve, deep motor
10	57924 S350000	Closed fracture calcaneus, extra-articular
11	44567 TD17.00	Accident due to fall from other burning structure/building
12	72275 SB35.00	Digital blood vessel injury
13	12783 S8W00	Injury of blood vessels of head, NEC
14 15	73451 S013400	Open #skull bse + intracranial injury, >24hr LOC + recovery
16	62140 SJ62.00	Posterior tibial nerve injury
17	28070 S4G3.00	Open fracture-subluxation, ankle joint
18	34021 S332000	Closed fracture shaft of tibia
19	41730 S022200	Closed fracture shart of tibla Closed fracture of mandible, subcondylar
20 21	11313 S220100	
22	42882 S480.00	Closed fracture proximal humerus, neck Closed traumatic dislocation of foot
23	73416 S110z00	
24		Closed fracture of cervical spine with cord lesion NOS
25	99303 SR14.00	Fractures involving multiple regions of both lower limbs
26 27	51666 S241300	Open fracture triquetral
28	67346 SH42A00	Deep partial thickness burn of the thumb
29	73332 S750y00	Other spleen injury without mention of open wound to cavity
30	6734 7K14.00	Open surgical fracture of bone
31	59802 SJ17.11	Twelfth cranial nerve injury
32 33	59405 TKx0000	Suicide + selfinflicted injury-jumping before moving object
34	51137 SD2yz00	Superficial injury shoulder/upper arm, without infection NOS
35	49641 SB24.00 45956 S011600	Renal blood vessel injury
36		Closed #skull bse + intracranial injury, LOC unspec duration
37	14991 S800.00	Eyelid skin and periocular area laceration
38 39	73208 S313x00	Open fracture distal femur, comminuted/intra-articular
40	73206 S041.00	Mult #skull/face+other bones, closed + intracranial injury
41	64172 SD11400	Abrasion of back, infected
42	72586 S353B00	Open fracture metatarsal base
43	1520 S6000	Concussion
44 45	57736 S234A11	Closed dorsal Barton's fracture-dislocation
46	40393 S645.00	Intracranial injury with prolonged coma
47	48930 SH20z00	Unspecified thickness burn of the trunk NOS
48	12233 SD50.00	Abrasion/friction burn of finger, without infection
49 50	98267 S130600	Closed fracture acetabulum, double column unspecified
50 51	7792 SD71100	Abrasion of toe, infected
52	55930 7K6FE00	Primary open reduction of fracture dislocation alone
53	63358 SH15100	Deep full thickness burn of the ear, with loss of body part
54	33582 S260300	Closed Mantagricle fractives
55 56	2662 S230300	Closed Monteggia's fracture
56 57	72896 SB21z00	Inferior vena cava injury NOS
58	27527 SJ7x.00	Other specified nerve injury
59	9239 PE300	Congenital dislocation and subluxation of the hip
60	96696 SH82000	Burn: 20-29% of body surface,<10%/unspec BS full thickness
	98916 SH44500	Deep full thickness burn of palm hand, no loss of body part

72692	SH51x00	Superficial burn of multiple sites of the leg
53575	7J02300	Repair of fracture of cranium NEC
	S101x00	Multiple open fractures of cervical vertebrae
	7K6GP00	Primary closed reduction dislocation alone
61987	SF31200	Closed crush injury, lower leg
	S33y200	Open fracture of tibia and fibula, unspecified part
6914	SD11800	Abrasion of groin, infected
	SH44.14	Deep third degree burn of wrist, without loss of a body part
6706	SF211	Crush injury of arm
99505	S013200	Open #skull bse + intracranial injury, <1hr loss of consc
100040	S201100	Open fracture clavicle, medial end
72450	SH42x00	Partial thickness burn of multiple sites of the wrist/hand
	S4J0200	Closed #-dislocation sterno-clavicular joint, anterior
98933	S241600	Open fracture trapezoid
	S3z2.00	Stress fracture
23771	SE09.00	Contusion, scalp
72324	S1111	Fracture of transverse process of spine + spinal cord lesion
2470	S3z00	Fracture of unspecified bones
56248	SC01100	Late effect of fracture of thoracic vertebra
28233	S33y.00	Open fracture of tibia and fibula, unspecified part, NOS
49267	S2800	III-defined fractures of upper limb
57412	N082P00	Other acquired pathological dislocation of the hip
7317	S344.00	Closed fracture ankle, bimalleolar
67458	SH53000	Full thickness burn of the leg, unspecified
96453	S466z00	Open dislocation of knee NOS
72126	S734.00	Colon or rectum injury without open wound into cavity
42864	S232100	Closed fracture of the radial shaft
57246	S002.00	Open fracture vault of skull without intracranial injury
	S260800	Closed fracture thumb distal phalanx
45690	S4D1500	Open fracture-dislocation, interphalangeal joint thumb
3224	S8700	Open wound of buttock
35530	7K1LK00	Closed reduction of fracture of metacarpus
67742	SB23400	Cystic vein injury
2328	S10B500	Fracture of pubis
11342	7J12200	Closed reduction of fracture of mandible NEC
55591	SH33500	Full thickness burn of the shoulder
52699	S100311	C3 vertebra closed fracture without spinal cord lesion
308	SK17200	Other ankle injury
24583	SD000	Superficial injury to head, excluding eye
62287	SB01.00	Internal jugular vein injury
403	S6413	Head injury
272	S4000	Dislocation or subluxation of jaw
62164	SB02.00	Injury of vertebral artery
61487	S900x00	Multiple open wounds of upper arm
97386	S353A00	Open fracture talus, body
40003	SB36.00	Injury of blood vessels at forearm level
8207	SF22000	Crush injury, hand, excluding fingers
40321	7K1G300	Primary open reduction of fracture alone
65715	S261A00	Open fracture thumb distal phalanx, shaft
54978	SJ31100	Thoracic nerve root injury - T2

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43195 S934.00	Degloving injury, thumb
36437 S430011	Carpal dislocation NOS
59233 S02y.00	Open fracture other facial bone
93601 SH54600	Deep full thickness burn of thigh without loss of body part
53700 SH31200	Superficial burn of the elbow
38373 PE30100	Bilateral congenital dislocation of hip
53337 S100H00	Closed fracture cervical vertebra, wedge
24809 7K1La00	Revision to skin traction of fracture
67881 SF32300	Closed crush injury, ankle
25073 S360000	Closed fracture proximal phalanx, toe
20071 S7800	Other intra-abdominal organ injury
71132 S4H0100	Closed fracture-dislocation, midtarsal joint
71116 SH83.00	Burn involving 30-39% of body surface (BS)
59157 S894111	Open wound of flank without complication
4389 SJ14.00	Facial (7th) nerve injury
20515 S028100	Fracture of orbital floor
40652 SF21200	Closed crush injury, forearm
59006 S022800	Closed fracture of mandible, body, other and unspecified
92972 SB22200	Hepatic artery injury
10618 SH40.12	Unspecified degree burn of hand
10736 7206100	Open reduction of fracture of orbit
38408 S4C0100	Closed fracture-dislocation radiocarpal joint
41933 SJ32300	Lumbar nerve root injury - L4
59843 SH63.00	Full thickness burn of multiple specified sites
57377 N338400	Angular mal-union of fracture
51447 S420400	Closed traumatic dislocation elbow joint, lateral
94756 SJ64300	Open injury lateral cutaneous nerve thigh
71888 SB43100	Lesser saphenous vein injury
51038 S133100	Open fracture pelvis, multiple pubic rami - stable
28155 SC01200	Late effect of fracture of lumbar vertebra
10462 S4D0500	Closed fracture-dislocation, interphalangeal joint thumb
70865 S441500	Open traumatic dislocation, interphalangeal joint, thumb
33662 SJ52800	Injury of ulnar nerve at wrist and hand level
28371 S352F00	Closed fracture metatarsal, multiple
69499 TN7z.00	Injury ?accidental, fall from high place NOS
70814 SJ31600	Thoracic nerve root injury - T7
41972 S834x00	Multiple open wounds of face
94108 S126300	Open fracture of trachea
42844 S4C1.00	Open fracture dislocation wrist
29090 SE42z00	Contusion, ankle and foot NOS
36034 SB00	Injury to blood vessels
36267 TG80B00	Accidental burning or scalding caused by fat
8434 SE03.00	Contusion, lip
50254 S321400	Open fracture patella, comminuted (stellate)
70623 SD01z00	Abrasion or friction burn of head, infected, NOS
69312 S225300	Open fracture distal humerus, medial condyle
94409 S610z00	Cortex cont no open intracranial wnd + concussion unspec
40659 SF011	Crush injury of head
36594 SE40z00	Contusion, hip and thigh NOS
70500 S722000	Closed injury of bronchus

88737	S313z00	Open fracture of distal femur not otherwise specified
38857	SH40.14	Unspecified degree burn of wrist
57192	SH30z00	Unspecified thickness burn of the arm NOS
17087	SE23300	Contusion of coccyx
7004	S132000	Closed fracture pelvis, single pubic ramus
71623	P334z00	Total or subtotal congenital cataract NOS
20848	SH31100	Superficial burn of the forearm
12462	S025100	Open fracture zygoma
68815	SH44.00	Deep full thickness burn of wrist/hand, no loss of body part
31594	S820w00	Other open wound of external ear
49595	S313100	Open fracture of femoral condyle, unspecified
65736	S496.00	Other closed traumatic dislocation
42464	TKy00	Late effects of selfinflicted injury
3676	S410411	Closed dislocation of acromioclavicular joint
69643	SD3z000	Superficial injury of elbow NOS, infected
8040	S3100	Other fracture of femur
27782	S836700	Dislocation of tooth
47501	TKx00	Suicide and selfinflicted injury by other means
35240	SH13600	Full thickness burn of the scalp
40587	S134500	Closed fracture pelvis, anterior inferior iliac spine
52861	SD1z800	Superficial injury of groin NOS, infected
27661	S6211	Extradural haemorrhage following injury
64862	7K1K000	Closed reduction fracture bone and fixation to skeleton HFQ
64413	S450z00	Closed traumatic dislocation of hip not otherwise specified
18589	SE40000	Contusion, hip
16866	S225700	Open fracture distal humerus, medial epicondyle
10417	\$890.00	Open wound of breast
15666	S240.00	Closed fracture of carpal bone
94844	S101A00	Open fracture axis, odontoid process
69917	S3x1.00	Other, multiple and ill-defined open fractures of lower limb
67294	S313400	Open fracture distal femur, medial condyle
10239	E2A2.00	Post-concussion syndrome
8276	\$350.00	Closed fracture of calcaneus
8885	7K1LJ00	Closed reduction of fracture of thumb
100196	S353000	Open fracture of tarsal bone, unspecified
43701	N082Q00	Closed reduction of fracture of thumb Open fracture of tarsal bone, unspecified Pathological dislocation of knee joint
15280	S7500	Injury to spleen
9209	SE33000	Contusion, finger, unspecified
27582	S91z.00	Open wound of elbow, forearm and wrist NOS
12327	SR20.00	Dislocations, sprains and strains involving head with neck
66924	S481.00	Open traumatic dislocation of foot
69647	SD1zA00	Superficial injury of penis NOS, infected
59416	S83y.00	Other open wound of head with complication
	S100711	C7 vertebra closed fracture without spinal cord lesion
64288	SH53z00	Full thickness burn of the leg NOS
	SD2z000	Superficial injury of shoulder NOS, infected
	S2611	Finger fracture
	N083100	Recurrent joint dislocation, of the shoulder region
	S310100	Closed fracture shaft of femur
	SB23200	Portal vein injury

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88761	7K6FP00	Primary open reduction # dislocation+other jnt stabilisation
68078	SK10700	Closed injury of trachea
	SB47100	Injury of greater saphenous vein at lower leg level
	TKx4.00	Suicide and selfinflicted injury by electrocution
	SH12300	Superficial partial thickness burn of the lip(s)
	S135300	Open fracture pelvis, ischial tuberosity
56665	SH42800	Deep partial thickness burn of the hand, unspecified
6379	7K1LF00	Closed reduction of fracture of humerus
	7J41100	Anterior decompression of fracture of spine
	S33xz00	Closed fracture of tibia and fibula, unspecified part, NOS
29664	S441300	Open traumatic dislocation, distal interphalangeal joint
	S231A00	Open fracture radius and ulna, proximal
16985	S240A00	Closed fracture scaphoid, proximal pole
	SH32700	Deep partial thickness burn of the arm, unspecified
	S133200	Open fracture pelvis, multiple pubic rami - unstable
	S35z.00	Fracture of tarsal and metatarsal bones NOS
49295	SD1y500	Superficial injury of buttock NOS, without major open wound
93798	SH12C00	Deep partial thickness burn of the eye
	SB300	Injury to blood vessels of arm
	SK1EX00	Injury of unspecified muscle and tendon at lower leg levl
	N331700	Fracture of bone in neoplastic disease
34359	SJ31B00	Thoracic nerve root injury - T12
	S20z.00	Fracture of clavicle NOS
	SH13800	Full thickness burn of the cheek
97729	SJ18.00	Contusion of infraorbital nerve
33616	S260K00	Closed fracture finger middle phalanx
56582	SJ30700	Cervical nerve root injury - C8
	S523C00	Volar plate injury, finger, distal interphalangeal joint
	SA10.00	Open wound of knee, leg and ankle without complication
	TN8y.00	Injury ?accidental, by other specified means
	SC2z.00	Late effect of nervous system injury NOS
	S735000	Colon injury with open wound into cavity, unspecified
	7K6H000	Revision to open reduction # dislocation+skeletal traction
66312	S002100	Open #skull vlt no intracranial injury, no loss of consc
95529	S114100	Closed spinal fracture with complete lumbar cord lesion
	S100100	Closed fracture atlas
68668	S301y00	Open fracture proximal femur, other transcervical
	S235600	Open fracture radius and ulna, distal
6380	S235B00	Open fracture radial styloid
68655	SB30200	Closed injury, axillary vein
	SH32900	Deep partial thickness burn of the elbow
	S2911	Multiple fractures of arm
	S352800	Closed fracture talus, head
68532	SJ1y200	Vagus (10th) nerve injury
	S23x.00	Closed fracture of radius and ulna, unspecified part
	SH52100	Superficial partial thickness burn of the toe(s)
	S8012	Periocular open wound
	S223.00	Open fracture of humerus, shaft or unspecified part
	SE2y.00	Contusion, multiple sites of trunk
33687	S4B0.00	Closed fracture-dislocation elbow

9072	S10B400	Fracture of acetabulum
	S73x011	Injury to pancreas - closed
	SE11.00	Contusion, eyelids and periocular tissues
	S911	Laceration of arm
	SE43.11	Toenail bruise
	SE30000	Contusion, shoulder area
	SE4y.00	Contusion, multiple sites NEC
	SJ63400	Open injury superficial peroneal nerve
	S310.00	Closed fracture of femur, shaft or unspecified part
	S770.00	Bladder and urethra injury without open wound into cavity
	S10y.00	Open fracture of spine, unspecified,
	S012.00	Open fracture base skull without mention intracranial injury
	S911100	Open wound of elbow with complication
	SJX00	Injury of unspecified nerve of thorax
	S9z00	Open wound of upper limb NOS
	SD61100	Abrasion of thigh, infected
	S330900	Closed fracture fibula, neck
	S342.00	Closed fracture ankle, lateral malleolus
	TKxy.00	Suicide and selfinflicted injury by other specified means
	S233.00	Open fracture of radius and ulna, shaft
	S740200	Liver minor laceration without open wound into cavity
	SB21000	Inferior vena cava injury, unspecified
	TN11.00	Injury ?accidental, poisoning by liquid petrol gas
	S022600	Closed fracture of mandible, symphysis of body
	SD1y000	Superficial injury interscapular rgn NOS, without mj opn wnd
	S044.00	Multiple fractures involving skull and facial bones
	PA16.00	Dislocation of tongue
	SH23z00	Full thickness burn of the trunk NOS
	SD30000	Abrasion, elbow area
	SA12000	Open wound of knee with tendon involvement
	S494211	Closed dislocation of sacroiliac joint
	S100E00	Closed fracture axis, posterior arch
	S220z00	Closed fracture of proximal humerus not otherwise specified
	SC44.00	Sequelae of burns, corrosions and frostbite
	SH32100	Superficial partial thickness burn of the forearm
	SH10.00	Unspecified thickness burn of the face, head or neck
	S645100	Intracranial injury with prolonged coma with open wound
	SR100	Fractures involving multiple body regions
	SJ03.00	Visual cortex injury
	S320200	Closed fracture patella, distal pole
	SD10B12	Abrasion or friction burn of scrotum without infection
	S760200	Kidney laceration without mention of open wound into cavity
	S903100	Degloving injury, scapular area
	SB23000	Superior mesenteric vein injury
	SH2z.00	Burn of the trunk NOS
	S4J2.00	Other closed fracture-subluxation
	ZLEO111	
		Discharge from head injury rehabilitation Rurn involving 60, 60% of hody surface (PS)
	SH86.00	Burn involving 60-69% of body surface (BS)
	SF20300	Crush injury, upper arm
50951	SH13100	Full thickness burn of the ear

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27886 S222100	Closed fracture of humerus, shaft
38426 7K6FK00	Primary open reduction of # dislocation+external fixation
6103 SD6y200	Superficial injury of knee NOS
47886 SH31300	Superficial burn of the upper arm
65532 S032z00	Open #skull NOS no intracranial inj + concussion unspec
43091 S112600	Cls spinal fracture with unspec thoracic cord lesion, T7-12
67003 7K6H300	Secondary open reduction traumatic dislocation of joint NEC
29137 S220700	Closed fracture proximal humerus, four part
66957 SJ45.00	Iliohypogastric nerve injury
48861 S7z00	Internal injury of chest, abdomen or pelvis NOS
21029 TK00	Suicide and selfinflicted injury
97331 N083511	Hip - recurrent dislocation
71814 SD1z200	Superficial injury of breast NOS, infected
67036 S4B2000	Closed fracture-subluxation elbow joint
105701 S6112	Cortex laceration and contusion
34078 S300900	Closed fracture proximal femur, subcapital, Garden grade IV
17823 SF23000	Closed crush injury, finger
48916 SH11300	Superficial burn of the lip(s)
99081 \$733.00	Small intestine injury with open wound into cavity
21773 S3x2.00	Multiple fractures of femur
11570 Z6G1800	Dislocation - traction
22574 SH70000	Burn of the mouth, unspecified

medcode	readcode	readterm
102371	8Hu00	Admission to accident and emergency department
18512	8H21.00	Admit medical emergency unsp.
29836	8H2E.00	Admit neurology emergency
8082	9N04.00	Seen in emergency clinic
60440	9N19.11	Seen in accident and emergency department
9331	ZL91.00	Seen by accident and emergency doctor
314	8H200	Emergency hospital admission
105952	8H2X.00	Emergency hospital admission from walk-in centre
16588	9N1y300	Seen in emergency clinic

medcode readcode readterm

4093 F253.11 Status epilepticus

medcode readcode readterm

11015 667F.00 Seizure free >12 months

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2		readcode		smoking
3	33	1371	Never smoked tobacco	0
4 5	60	137L.00	Current non-smoker	0
6	90	137S.00	Ex smoker	0
7	776	137K.00	Stopped smoking	0
8	11788	1371.11	Non-smoker	0
9	12946	137F.00	Ex-smoker - amount unknown	0
10 11	12961	1377	Ex-trivial smoker (<1/day)	0
12	26470	137N.00	Ex pipe smoker	0
13	97210	137j.00	Ex-cigarette smoker	0
14	54	13700	Tobacco consumption	1
15	93	137P.00	Cigarette smoker	1
16 17	1822	1376	Very heavy smoker - 40+cigs/d	1
18	1823	137P.11	Smoker	1
19	1878	1374	Moderate smoker - 10-19 cigs/d	1
20	2111	6791	Health ed smoking	1
21	3568	1375	Heavy smoker - 20-39 cigs/day	1
22	7622	8CAL.00	Smoking cessation advice	1
23 24	10211	13p00	Smoking cessation milestones	1
25	10558	137R.00	Current smoker	1
26	10742	8HTK.00	Referral to stop-smoking clinic	1
27	12240	137G.00	Trying to give up smoking	1
28	12941	1372.11	Occasional smoker	1
29 30	12942	13711	Smoker - amount smoked	1
31	12943	137J.00	Cigar smoker	1
32	12944	1373	Light smoker - 1-9 cigs/day	1
33	12945	137M.00	Rolls own cigarettes	1
34	12947	137H.00	Pipe smoker	1
35 36	12951	137Q.11	Smoking restarted	1
37	12952	137Q.00	Smoking started	1
38	12953	9001.00	Attends stop smoking monitor.	1
39	12954	ZV4K000	[V]Tobacco use	1
40	12955	1379	Ex-moderate smoker (10-19/day)	1
41 42	12956	137A.00	Ex-heavy smoker (20-39/day)	1
43	12957	1378	Ex-heavy smoker (20-39/day) Ex-light smoker (1-9/day) Trivial smoker - < 1 cig/day	1
44	12958	1372	Trivial smoker - < 1 cig/day	1
45	12959	137B.00	Ex-very heavy smoker (40+/day)	1
46	12960	137Z.00	Tobacco consumption NOS	1
47 48	12963	137Y.00	Cigar consumption	1
49	12964	137C.00	Keeps trying to stop smoking	1
50	12965	137X.00	Cigarette consumption	1
51	12966	137V.00	Smoking reduced	1
52	12967	137a.00	Pipe tobacco consumption	1
53 54	30423	137c.00	Thinking about stopping smoking	1
55	30762	137d.00	Not interested in stopping smoking	1
56	31114	137b.00	Ready to stop smoking	1
57	32083	90011	Stop smoking clinic admin.	1
58	38112	13p5.00	Smoking cessation programme start date	1
59 60	40417	9003.00	Stop smoking monitor default	1
00	41042	8CAg.00	Smoking cessation advice provided by community pharmacis	
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41979 42722 53101 58597 60720 62686 66387 74907 90522 91708 94958 96992	137e.00 9004.00 9007.00 9008.00 9005.00 137h.00 9006.00 745H.00 745Hy00 745Hy00 745H400 9kc00	Smoking restarted Stop smoking monitor 1st lettr Stop smoking monitor verb.inv. Stop smoking monitor phone inv Stop smoking monitor 2nd lettr Minutes from waking to first tobacco consumption Stop smoking monitor 3rd lettr Smoking cessation therapy Smoking cessation therapy NOS Other specified smoking cessation therapy Smoking cessation drug therapy Smoking cessation - enhanced services administration	1 1 1 1 1 1 1 1 1 1
98154 98245	8HkQ.00 8HBM.00	Referral to NHS stop smoking service Stop smoking face to face follow-up	1 1

prodcode productname 63069 Rewisca 75mg capsules (Consilient Health Ltd) 63088 Rewisca 50mg capsules (Consilient Health Ltd) 63089 Rewisca 300mg capsules (Consilient Health Ltd) 63090 Rewisca 150mg capsules (Consilient Health Ltd) 63091 Rewisca 100mg capsules (Consilient Health Ltd) 63174 Rewisca 200mg capsules (Consilient Health Ltd) 63300 Rewisca 25mg capsules (Consilient Health Ltd) 63317 Rewisca 225mg capsules (Consilient Health Ltd) 63877 Pregabalin 50mg capsules (A A H Pharmaceuticals Ltd) 63964 Alzain 25mg capsules (Dr Reddy's Laboratories (UK) Ltd) 63965 Alzain 100mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64005 Pregabalin 100mg capsules (A A H Pharmaceuticals Ltd) 64037 Alzain 300mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64038 Alzain 225mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64039 Alzain 150mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64040 Alzain 75mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64041 Alzain 50mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64042 Alzain 200mg capsules (Dr Reddy's Laboratories (UK) Ltd) 65069 Pregabalin 75mg capsules (Teva UK Ltd) 65073 Pregabalin 25mg capsules (Teva UK Ltd) 65218 Lecaent 50mg capsules (Actavis UK Ltd) 790 Pregabalin 25mg capsules 819 Pregabalin 75mg capsules 6631 Pregabalin 150mg capsules 6936 Pregabalin 50mg capsules 6949 Pregabalin 200mg capsules 6999 Pregabalin 100mg capsules 7005 Pregabalin 300mg capsules 37801 Pregabalin 225mg capsules 55972 Pregabalin 150mg/5ml oral solution 60543 Pregabalin 75mg/5ml oral solution 64285 Pregabalin 150mg/5ml oral suspension 65606 Pregabalin 50mg capsules (Accord Healthcare Ltd) 65787 Pregabalin 50mg capsules (Sandoz Ltd) 66509 Pregabalin 75mg capsules (Zentiva) 6584 Lyrica 75mg capsules (Pfizer Ltd) 7208 Lyrica 100mg capsules (Pfizer Ltd) 7209 Lyrica 50mg capsules (Pfizer Ltd) 7394 Lyrica 200mg capsules (Pfizer Ltd) 10189 Lyrica 300mg capsules (Pfizer Ltd) 16509 Lyrica 150mg capsules (Pfizer Ltd) 16542 Lyrica 25mg capsules (Pfizer Ltd) 38293 Lyrica 225mg capsules (Pfizer Ltd) 48253 Lyrica 150mg capsules (Lexon (UK) Ltd) 52547 Lyrica 50mg capsules (Waymade Healthcare Plc) 64497 Lyrica 75mg capsules (Waymade Healthcare Plc) 64568 Lyrica 150mg capsules (Sigma Pharmaceuticals Plc) 65863 Lyrica 75mg capsules (Stephar (U.K.) Ltd) 51227 Pregabalin 20mg/ml oral solution sugar free

- 51924 Lyrica 20mg/ml oral solution (Pfizer Ltd) 9110 Nydrane 500mg Tablet (Lipha Pharmaceuticals Ltd) 9212 Beclamide 500mg tablets 12931 Epimaz Retard 200mg tablets (IVAX Pharmaceuticals UK Ltd) 12932 Epimaz 100mg tablets (IVAX Pharmaceuticals UK Ltd) 15082 Tegretol 250mg suppositories (Novartis Pharmaceuticals UK Ltd) 17428 Carbamazepine 250mg suppositories 17429 Carbamazepine 125mg suppositories 17978 Teril Retard 200mg tablets (Taro Pharmaceuticals (UK) Ltd) 18011 Teril Retard 400mg tablets (Taro Pharmaceuticals (UK) Ltd) 18762 Epimaz 200mg tablets (Teva UK Ltd) 18763 Epimaz 400mg tablets (Teva UK Ltd) 21441 Tegretol 125mg suppositories (Novartis Pharmaceuticals UK Ltd) 28345 Carbamazepine 100mg tablets (Teva UK Ltd) 32931 Carbamazepine 400mg tablets (Teva UK Ltd) 432 Carbamazepine 100mg tablets 596 Carbamazepine 100mg/5ml oral suspension sugar free 652 Carbamazepine 400mg tablets 1158 Carbamazepine 200mg tablets 2085 Tegretol 200mg tablets (Novartis Pharmaceuticals UK Ltd) 2388 Carbamazepine 200mg modified-release tablets 3569 Carbamazepine 400mg modified-release tablets 4066 Tegretol 400mg tablets (Novartis Pharmaceuticals UK Ltd) 4913 Tegretol 100mg/5ml liquid (Novartis Pharmaceuticals UK Ltd) 4982 Carbamazepine 100mg chewable tablets sugar free 5977 Tegretol 100mg tablets (Novartis Pharmaceuticals UK Ltd) 11696 Carbamazepine 200mg chewable tablets sugar free 12880 Tegretol 200mg Chewtabs (Novartis Pharmaceuticals UK Ltd) 13112 Carbagen SR 200mg tablets (Mylan Ltd) 13524 Tegretol 100mg Chewtabs (Novartis Pharmaceuticals UK Ltd) 26012 Carbagen SR 400mg tablets (Mylan Ltd) 30763 Carbamazepine 100mg tablets (A A H Pharmaceuticals Ltd) 34370 Carbamazepine 200mg modified-release tablets (A A H Pharmaceuticals Ltd) 34904 Carbamazepine 200mg tablets (A A H Pharmaceuticals Ltd) 37058 Carbamazepine 500mg/5ml oral suspension 40404 Carbamazepine 400mg modified-release tablets (A A H Pharmaceuticals Ltd) 43417 Carbamazepine 400mg tablets (A A H Pharmaceuticals Ltd) 45903 Tegretol Prolonged Release 400mg tablets (Novartis Pharmaceuticals UK Ltd) 45941 Tegretol Prolonged Release 200mg tablets (Novartis Pharmaceuticals UK Ltd) 48397 Tegretol Prolonged Release 200mg tablets (DE Pharmaceuticals) 49833 Tegretol 200mg tablets (Lexon (UK) Ltd) 51760 Tegretol 400mg tablets (Lexon (UK) Ltd) 52840 Tegretol Prolonged Release 400mg tablets (Necessity Supplies Ltd) 53492 Tegretol Prolonged Release 200mg tablets (Sigma Pharmaceuticals Plc)
- 53893 Tegretol Prolonged Release 400mg tablets (Stephar (U.K.) Ltd)
- 54445 Carbamazepine 400mg tablets (Sigma Pharmaceuticals Plc)
- 55904 Carbamazepine 100mg tablets (Mylan Ltd)
- 56734 Carbamazepine 100mg tablets (Phoenix Healthcare Distribution Ltd)
- 57726 Tegretol Prolonged Release 200mg tablets (Mawdsley-Brooks & Company Ltd)
- 58515 Tegretol 100mg/5ml liquid (Lexon (UK) Ltd)

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59038 Carbamazepine 100mg/5ml oral suspension sugar free (A A H Pharmaceuticals L
59211 Carbamazepine 200mg tablets (Alliance Healthcare (Distribution) Ltd)
59428 Carbamazepine 100mg tablets (Almus Pharmaceuticals Ltd)
59429 Carbamazepine 200mg tablets (Almus Pharmaceuticals Ltd)
59430 Carbamazepine 400mg tablets (Almus Pharmaceuticals Ltd)
59696 Carbamazepine 400mg tablets (Kent Pharmaceuticals Ltd)
59697 Carbamazepine 10mg/5ml oral suspension
59745 Carbamazepine 100mg/5ml oral suspension sugar free (DE Pharmaceuticals)
59746 Carbamazepine 100mg tablets (DE Pharmaceuticals)
59887 Carbamazepine 200mg tablets (Mylan Ltd)
60133 Tegretol Prolonged Release 400mg tablets (Sigma Pharmaceuticals Plc)
60181 Carbagen 100mg tablets (Mylan Ltd)
60187 Carbagen 200mg tablets (Mylan Ltd)
60405 Carbagen 400mg tablets (Mylan Ltd)
61143 Carbamazepine 100mg tablets (Actavis UK Ltd)
61377 Carbamazepine 100mg tablets (Kent Pharmaceuticals Ltd)
62457 Carbamazepine 100mg tablets (Alliance Healthcare (Distribution) Ltd)
62538 Carbamazepine 200mg tablets (Actavis UK Ltd)
63213 Tegretol 200mg tablets (Necessity Supplies Ltd)
63341 Tegretol Prolonged Release 200mg tablets (Lexon (UK) Ltd)
63735 Carbamazepine 400mg tablets (Alliance Healthcare (Distribution) Ltd)
63930 Tegretol 100mg/5ml liquid (DE Pharmaceuticals)
66058 Carbamazepine 200mg tablets (DE Pharmaceuticals)
66073 Carbamazepine 400mg tablets (DE Pharmaceuticals)
66375 Carbamazepine 400mg modified-release tablets (Phoenix Healthcare Distributic
 2823 Tegretol retard 200mg Modified-release tablet (Novartis Pharmaceuticals UK Lt
 2824 Tegretol retard 400mg Modified-release tablet (Novartis Pharmaceuticals UK Lt
30509 Timonil retard 400mg Modified-release tablet (C P Pharmaceuticals Ltd)
32900 Carbamazepine sr 200mg Tablet (IVAX Pharmaceuticals UK Ltd)
34958 Carbamazepine 100mg Tablet (Berk Pharmaceuticals Ltd)
37800 Carbamazepine 200mg Modified-release tablet (Lagap)
40403 Carbamazepine 400mg Modified-release tablet (Lagap)
41726 Carbamazepine 100mg Tablet (IVAX Pharmaceuticals UK Ltd)
43451 Carbamazepine 400mg Modified-release tablet (Generics (UK) Ltd)
46888 Carbamazepine 200mg Modified-release tablet (Generics (UK) Ltd)
46972 Carbamazepine 200mg Tablet (IVAX Pharmaceuticals UK Ltd)
47294 Carbamazepine sr 400mg Tablet (IVAX Pharmaceuticals UK Ltd)
53188 Carbamazepine 500mg/5ml Oral suspension (Martindale Pharmaceuticals Ltd)
 3110 Clobazam 10mg capsules
 8487 Frisium 10mg Capsule (Aventis Pharma)
54934 Tapclob 5mg/5ml oral suspension (Martindale Pharmaceuticals Ltd)
55481 Clobazam 10mg/5ml oral suspension sugar free
56781 Tapclob 10mg/5ml oral suspension (Martindale Pharmaceuticals Ltd)
64879 Clobazam 5mg/5ml oral suspension sugar free (A A H Pharmaceuticals Ltd)
 3111 Clobazam 10mg tablets
14388 Frisium 10mg tablets (Sanofi)
17054 Clobazam 5mg/5ml oral suspension
20966 Clobazam 10mg/5ml oral suspension
37696 Clobazam 2.5mg capsules
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41303 Clobazam 25mg/5ml oral solution

46796 Clobazam 10mg/5ml oral solution 46850 Clobazam 5mg/5ml oral solution 48010 Clobazam 25mg/5ml oral suspension 50389 Clobazam 4mg/5ml oral solution 51425 Clobazam 2.5mg/5ml oral solution 52052 Clobazam 4mg/5ml oral suspension 52056 Clobazam 2.5mg/5ml oral suspension 52093 Clobazam 100mg/5ml oral suspension 57510 Frisium 10mg tablets (Waymade Healthcare Plc) 60320 Clobazam 5mg/5ml oral suspension (Special Order) 62926 Clobazam 7.5mg/5ml oral suspension 19324 Clomethiazole 8mg/ml IV infusion 26399 Heminevrin 8mg/ml Intravenous infusion (AstraZeneca UK Ltd) 1559 Clonazepam 500microgram tablets 2073 Clonazepam 2mg tablets 4483 Clonazepam 2.5mg/ml drops sugar free 8029 Rivotril 2mg tablets (Roche Products Ltd) 10650 Rivotril 500microgram tablets (Roche Products Ltd) 13200 Clonazepam 2mg/5ml oral solution sugar free 14743 Clonazepam 500micrograms/5ml oral suspension 17038 Rivotril 2.5mg/1ml drops (Imported (Switzerland)) 17637 Clonazepam 500micrograms/5ml solution sugar free 32500 Clonazepam 250micrograms/5ml oral solution 34491 Clonazepam 2mg/5ml oral solution sugar free (Rosemont Pharmaceuticals Ltd) 45077 Clonazepam 500microgram/5ml Oral solution (Rosemont Pharmaceuticals Ltd) 47066 Clonazepam 500micrograms/5ml oral solution 48544 Clonazepam 500micrograms/5ml oral solution sugar free 50108 Clonazepam 2mg/5ml oral solution sugar free 53311 Clonazepam 500microgram tablets (Phoenix Healthcare Distribution Ltd) 53739 Clonazepam 2mg tablets (Sigma Pharmaceuticals Plc) 57664 Clonazepam 250micrograms/5ml oral suspension 58460 Clonazepam 312.5micrograms/5ml oral suspension 58482 Clonazepam 500microgram tablets (A A H Pharmaceuticals Ltd) 59396 Clonazepam 500microgram tablets (Almus Pharmaceuticals Ltd) 61626 Clonazepam 500microgram tablets (Actavis UK Ltd) 64505 Clonazepam 5mg/5ml oral suspension 65238 Clonazepam 10mg/5ml oral solution 816 Clonazepam 1mg/1ml solution for injection ampoules and diluent 26496 Rivotril 1mg/1ml concentrate for solution for injection ampoules (Roche Produc 2630 Dixarit 25microgram tablets (Boehringer Ingelheim Ltd) 5793 Stesolid 10mg Rectal tubes (Dumex Ltd) 8344 Diazepam 5mg suppository 16610 Valium 5mg/ml Injection (Roche Products Ltd) 16734 Diazepam rectubes 20mg Rectal tubes (C P Pharmaceuticals Ltd) 20514 Valium 10mg Suppository (Roche Products Ltd) 23820 Diazepam 20mg rectal tubes 28698 Valium 5mg Suppository (Roche Products Ltd) 38410 Diazepam 5mg Rectal tubes (Hillcross Pharmaceuticals Ltd)

41689 Diazepam 10mg Suppository (Sinclair IS Pharma Plc)

46 Diazepam 2mg tablets

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47 Diazepam 5mg tablets 1400 Diazepam 10mg tablets 3973 Tensium 10mg tablets (DDSA Pharmaceuticals Ltd) 9065 Diazepam 5mg/5ml oral solution 12124 Diazepam 10mg/2ml solution for injection ampoules 29945 Diazepam 2mg tablets (Ranbaxy (UK) Ltd) 32296 Diazepam 5mg tablets (Actavis UK Ltd) 32417 Diazepam 10mg/2ml solution for injection ampoules (Wockhardt UK Ltd) 33672 Diazepam 2mg tablets (A A H Pharmaceuticals Ltd) 34293 Diazepam 10mg tablets (Mylan Ltd) 34335 Diazepam 2mg tablets (Teva UK Ltd) 34338 Diazepam 2mg tablets (Mylan Ltd) 34340 Diazepam 10mg tablets (Ranbaxy (UK) Ltd) 34482 Diazepam 5mg tablets (Teva UK Ltd) 34524 Diazepam 2mg tablets (Actavis UK Ltd) 34615 Diazepam 5mg tablets (Mylan Ltd) 34635 Diazepam 5mg tablets (A A H Pharmaceuticals Ltd) 34677 Diazepam 2mg tablets (IVAX Pharmaceuticals UK Ltd) 34807 Diazepam 10mg tablets (Actavis UK Ltd) 41607 Diazepam 10mg tablets (Teva UK Ltd) 41632 Diazepam 10mg tablets (A A H Pharmaceuticals Ltd) 42503 Diazepam 5mg/5ml oral solution (A A H Pharmaceuticals Ltd) 45218 Diazepam 5mg tablets (Ranbaxy (UK) Ltd) 45244 Diazepam 5mg tablets (Sandoz Ltd) 45313 Diazepam 2mg tablets (Almus Pharmaceuticals Ltd) 46913 Diazepam 10mg tablets (IVAX Pharmaceuticals UK Ltd) 46966 Diazepam 5mg tablets (IVAX Pharmaceuticals UK Ltd) 51754 Diazepam 10mg/2ml solution for injection ampoules (A A H Pharmaceuticals Ltc 56236 Diazepam 2mg tablets (Wockhardt UK Ltd) 57749 Diazepam 5mg tablets (Waymade Healthcare Plc) 57838 Diazepam 5mg tablets (Sovereign Medical Ltd) 59122 Diazepam 5mg/5ml oral solution (AM Distributions (Yorkshire) Ltd) 59407 Diazepam 5mg tablets (DE Pharmaceuticals) 60936 Diazepam 5mg tablets (Arrow Generics Ltd) 62216 Diazepam 10mg tablets (Almus Pharmaceuticals Ltd) 62541 Diazepam 2mg tablets (Sovereign Medical Ltd) 63238 Diazepam 2mg tablets (Waymade Healthcare Plc) 63694 Diazepam 2mg tablets (Phoenix Healthcare Distribution Ltd) 64200 Diazepam 2mg tablets (Alliance Healthcare (Distribution) Ltd) 2078 Diazepam 5mg RecTubes (Wockhardt UK Ltd) 2083 Diazepam 10mg RecTubes (Wockhardt UK Ltd) 2352 Diazepam 2mg/5ml oral solution 4176 Diazepam 10mg/2.5ml rectal solution tube 4395 Stesolid 5mg rectal tube (Actavis UK Ltd) 5842 Diazepam 2.5mg/1.25ml rectal solution tube 6747 Diazepam 5mg/2.5ml rectal solution tube 8334 Diazepam 10mg suppositories 8345 Stesolid 10mg rectal tube (Actavis UK Ltd) 9430 Diazepam 2.5mg/5ml oral suspension

12237 Diazepam 10mg/2ml emulsion for injection ampoules

12849 Diazepam 10mg/5ml oral suspension 13756 Diazemuls 10mg/2ml emulsion for injection ampoules (Actavis UK Ltd) 18488 Diazepam 2.5mg RecTubes (Wockhardt UK Ltd) 32853 Diazepam 2mg/5ml oral solution (Sandoz Ltd) 33776 Diazepam 10mg/2ml solution for injection ampoules (Hameln Pharmaceuticals | 34033 Diazepam 5mg/2.5ml rectal solution tube (Sandoz Ltd) 34045 Diazepam 5mg/5ml oral solution (Sandoz Ltd) 34614 Diazepam 10mg/2.5ml rectal solution tube (Sandoz Ltd) 51335 Diazepam 10mg/5ml oral solution 53566 Diazepam 2.5mg/5ml oral solution 58959 Diazepam 10mg/5ml oral solution (AM Distributions (Yorkshire) Ltd) 41758 Eslicarbazepine 800mg tablets 42145 Zebinix 800mg tablets (Eisai Ltd) 3108 Ethosuximide 250mg capsules 3446 Zarontin 250mg capsules (Pfizer Ltd) 5791 Ethosuximide 250mg/5ml oral solution 5956 Zarontin 250mg/5ml syrup (Pfizer Ltd) 18729 Emeside 250mg/5ml Oral solution (Laboratories For Applied Biology Ltd) 18911 Emeside 250mg capsules (Chemidex Pharma Ltd) 26302 Emeside 250mg Capsule (Laboratories For Applied Biology Ltd) 33828 Emeside 250mg/5ml syrup (Essential Pharma Ltd) 53066 Felbamate 600mg tablets 25903 Fosphenytoin 750mg/10ml solution for injection vials 27967 Pro-Epanutin 750mg/10ml concentrate for solution for injection vials (Pfizer Ltd 660 Gabapentin 100mg capsules 1584 Gabapentin 300mg capsules 4781 Gabapentin 400mg capsules 5221 Gabapentin 600mg tablets 6304 Neurontin 300mg capsules (Pfizer Ltd) 7538 Gabapentin 800mg tablets 10007 Neurontin 100mg capsules (Pfizer Ltd) 16215 Neurontin 400mg capsules (Pfizer Ltd) 17564 Neurontin 600mg tablets (Pfizer Ltd) 18211 Gabapentin 250mg/5ml oral solution 25815 Gabapentin 400mg/5ml oral suspension 27454 Gabapentin 300mg capsules (Teva UK Ltd) 28713 Neurontin 800mg tablets (Pfizer Ltd) 34506 Gabapentin 100mg capsules (Teva UK Ltd) 34606 Gabapentin 100mg capsules (A A H Pharmaceuticals Ltd) 34716 Gabapentin 300mg capsules (A A H Pharmaceuticals Ltd) 34946 Gabapentin 600mg tablets (Teva UK Ltd) 44022 Gabapentin 250mg/5ml oral suspension 44187 Gabapentin 600mg tablets (A A H Pharmaceuticals Ltd) 44261 Gabapentin 250mg/5ml Oral solution (Boots Pharmaceuticals Ltd) 47579 Gabapentin 100mg capsules (Sandoz Ltd) 48035 Gabapentin 300mg capsules (Mylan Ltd) 48060 Gabapentin 300mg capsules (Sandoz Ltd) 51118 Gabapentin 300mg capsules (Ranbaxy (UK) Ltd) 53296 Gabapentin 300mg capsules (Actavis UK Ltd)

53784 Gabapentin 300mg/5ml oral solution

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55624 Gabapentin 300mg capsules (Bristol Laboratories Ltd) 57120 Gabapentin 100mg capsules (Mylan Ltd) 57527 Neurontin 300mg capsules (Dowelhurst Ltd) 57649 Gabapentin 300mg capsules (Arrow Generics Ltd) 58382 Gabapentin 100mg capsules (Actavis UK Ltd) 58383 Gabapentin 400mg capsules (Almus Pharmaceuticals Ltd) 58472 Gabapentin 300mg/5ml oral suspension 58960 Gabapentin 100mg capsules (Zentiva) 59147 Gabapentin 600mg tablets (Zentiva) 60389 Gabapentin 300mg capsules (Creo Pharma Ltd) 61266 Gabapentin 300mg capsules (Waymade Healthcare Plc) 63432 Gabapentin 300mg capsules (Zentiva) 64213 Gabapentin 600mg tablets (DE Pharmaceuticals) 64302 Gabapentin 300mg capsules (Alliance Healthcare (Distribution) Ltd) 64306 Gabapentin 50mg/ml oral solution sugar free (Alliance Healthcare (Distribution) 64981 Gabapentin 100mg/5ml oral solution 38789 Lacosamide 50mg tablets 39126 Lacosamide 100mg tablets 39259 Lacosamide 150mg tablets 39356 Vimpat 100mg tablets (UCB Pharma Ltd) 39385 Lacosamide 200mg tablets 39615 Vimpat 50mg tablets (UCB Pharma Ltd) 39952 Vimpat 15mg/ml syrup (UCB Pharma Ltd) 40291 Lacosamide 200mg/20ml solution for infusion vials 40372 Lacosamide 15mg/ml oral solution sugar free 40658 Vimpat 200mg tablets (UCB Pharma Ltd) 41162 Vimpat 150mg tablets (UCB Pharma Ltd) 49084 Lacosamide 10mg/ml oral solution sugar free 52473 Vimpat 10mg/ml syrup (UCB Pharma Ltd) 2079 Lamotrigine 25mg tablets 2080 Lamotrigine 50mg tablets 2081 Lamotrigine 5mg dispersible tablets sugar free 3886 Lamotrigine 200mg tablets 4586 Lamictal 25mg tablets (GlaxoSmithKline UK Ltd) 5076 Lamotrigine 100mg tablets 5658 Lamotrigine 25mg dispersible tablets sugar free 5722 Lamictal 100mg dispersible tablets (GlaxoSmithKline UK Ltd) 5907 Lamotrigine 100mg dispersible tablets sugar free 6409 Lamotrigine 2mg dispersible tablets sugar free 7022 Lamictal 50mg tablets (GlaxoSmithKline UK Ltd) 7023 Lamictal 100mg tablets (GlaxoSmithKline UK Ltd) 10111 Lamictal 200mg tablets (GlaxoSmithKline UK Ltd) 11445 Lamictal 25mg dispersible tablets (GlaxoSmithKline UK Ltd) 15126 Lamictal 5mg dispersible tablets (GlaxoSmithKline UK Ltd) 16149 Lamotrigine 50mg dispersible tablets sugar free 19296 Lamictal 2mg dispersible tablets (GlaxoSmithKline UK Ltd) 29619 Lamotrigine 25mg tablets (Actavis UK Ltd) 29620 Lamotrigine 100mg tablets (Actavis UK Ltd) 32920 Lamotrigine 25mg tablets (Mylan Ltd) 35732 Lamotrigine 25mg dispersible tablets sugar free (Arrow Generics Ltd)

39506 Lamotrigine 50mg tablets (Actavis UK Ltd) 39714 Lamotrigine 25mg tablets (Teva UK Ltd) 39715 Lamotrigine 100mg tablets (Teva UK Ltd) 45572 Lamotrigine 50mg Suppository 46775 Lamotrigine 50mg tablets (Teva UK Ltd) 47817 Lamotrigine 50mg tablets (IVAX Pharmaceuticals UK Ltd) 47963 Lamotrigine 25mg tablets (Fannin UK Ltd) 48164 Lamotrigine 25mg dispersible tablets sugar free (A A H Pharmaceuticals Ltd) 48182 Lamotrigine 25mg tablets (Arrow Generics Ltd) 49532 Lamotrigine 25mg tablets (Accord Healthcare Ltd) 50235 Lamotrigine 25mg tablets (A A H Pharmaceuticals Ltd) 51309 Lamictal 25mg tablets (DE Pharmaceuticals) 51501 Lamictal 25mg tablets (Lexon (UK) Ltd) 54276 Lamotrigine 5mg dispersible tablets sugar free (Actavis UK Ltd) 55644 Lamotrigine 25mg tablets (Bristol Laboratories Ltd) 56504 Lamotrigine 25mg dispersible tablets sugar free (Tillomed Laboratories Ltd) 57863 Lamotrigine 50mg tablets (Alliance Healthcare (Distribution) Ltd) 59120 Lamotrigine 100mg tablets (A A H Pharmaceuticals Ltd) 59125 Lamotrigine 100mg tablets (Alliance Healthcare (Distribution) Ltd) 59241 Lamotrigine 100mg dispersible tablets sugar free (Teva UK Ltd) 59242 Lamotrigine 25mg dispersible tablets sugar free (Teva UK Ltd) 59273 Lamotrigine 50mg tablets (A A H Pharmaceuticals Ltd) 59318 Lamotrigine 25mg tablets (Alliance Healthcare (Distribution) Ltd) 59609 Lamotrigine 100mg dispersible tablets sugar free (A A H Pharmaceuticals Ltd) 60268 Lamotrigine 200mg tablets (A A H Pharmaceuticals Ltd) 60424 Lamictal 25mg dispersible tablets (Lexon (UK) Ltd) 60578 Lamotrigine 200mg tablets (Waymade Healthcare Plc) 60804 Lamotrigine 50mg/5ml oral suspension 61623 Lamotrigine 50mg tablets (Accord Healthcare Ltd) 61624 Lamotrigine 100mg tablets (Accord Healthcare Ltd) 61625 Lamotrigine 200mg tablets (Accord Healthcare Ltd) 62869 Lamotrigine 50mg tablets (Sigma Pharmaceuticals Plc) 63973 Lamotrigine 25mg dispersible tablets sugar free (Actavis UK Ltd) 64600 Lamotrigine 100mg tablets (Kent Pharmaceuticals Ltd) 65965 Lamictal 50mg tablets (DE Pharmaceuticals) 65969 Lamotrigine 5mg/5ml oral solution 66417 Lamotrigine 200mg tablets (Teva UK Ltd) 6021 Keppra 250mg tablets (UCB Pharma Ltd) 6022 Levetiracetam 250mg tablets 6047 Levetiracetam 1g tablets 6068 Levetiracetam 500mg tablets 6858 Levetiracetam 100mg/ml oral solution sugar free 10247 Keppra 500mg tablets (UCB Pharma Ltd) 11715 Levetiracetam 750mg tablets 15227 Keppra 1g tablets (UCB Pharma Ltd) 16080 Keppra 750mg tablets (UCB Pharma Ltd) 20640 Keppra 100mg/ml oral solution (UCB Pharma Ltd) 22763 Levetiracetam 500mg/5ml solution for infusion vials 36327 Keppra 500mg/5ml concentrate for solution for infusion vials (UCB Pharma Ltd)

50110 Keppra 250mg tablets (Mawdsley-Brooks & Company Ltd)

51108 Levetiracetam 500mg tablets (Accord Healthcare Ltd) 51756 Keppra 100mg/ml oral solution (Lexon (UK) Ltd) 52007 Keppra 500mg tablets (Sigma Pharmaceuticals Plc) 52623 Keppra 250mg tablets (Sigma Pharmaceuticals Plc) 53016 Keppra 100mg/ml oral solution (Sigma Pharmaceuticals Plc) 53307 Levetiracetam 100mg/ml oral solution sugar free (A A H Pharmaceuticals Ltd) 53343 Keppra 1g tablets (Lexon (UK) Ltd) 53476 Keppra 250mg tablets (Waymade Healthcare Plc) 54500 Levetiracetam 250mg granules sachets sugar free 54631 Levetiracetam 500mg tablets (Teva UK Ltd) 54632 Levetiracetam 250mg tablets (Teva UK Ltd) 54739 Levetiracetam 500mg tablets (Alliance Healthcare (Distribution) Ltd) 56755 Levetiracetam 250mg/5ml oral suspension 58706 Levetiracetam 250mg tablets (Zentiva) 59128 Levetiracetam 250mg tablets (Accord Healthcare Ltd) 59964 Desitrend 250mg granules sachets (Desitin Pharma Ltd) 61166 Levetiracetam 100mg/ml oral solution sugar free (Beacon Pharmaceuticals Ltd) 61462 Levetiracetam 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oral syringes 46797 Buccolam 7.5mg/1.5ml oromucosal solution pre-filled oral syringes (Shire Pharn 46826 Buccolam 10mg/2ml oromucosal solution pre-filled oral syringes (Shire Pharma: 46883 Midazolam 2.5mg/0.5ml oromucosal solution pre-filled oral syringes 47045 Buccolam 2.5mg/0.5ml oromucosal solution pre-filled oral syringes (Shire Pharn 49534 Midazolam 5mg/0.5ml oromucosal solution pre-filled syringes 51550 Epistatus 10mg/1ml oromucosal solution (Special Products Ltd) 51925 Epistatus 7.5mg/0.75ml oromucosal solution pre-filled oral syringes (Special Prc 53306 Epistatus 10mg/1ml oromucosal solution pre-filled oral syringes (Special Produc 53748 Midazolam 7.5mg/0.75ml oromucosal solution pre-filled syringes 54919 Epistatus 5mg/0.5ml oromucosal solution pre-filled oral syringes (Special Produ 7301 Midazolam 10mg/ml buccal solution 10278 Epistatus 10mg/ml Oromucosal solution (Special Products Ltd) 43450 Midazolam Oral solution 44764 Midazolam maleate buccal solution 55642 Epistatus 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Phenobarbital 15mg/5ml Oral solution (William Ransom) 41973 Phenobarbital 15mg Tablet (Celltech Pharma Europe Ltd) 47812 Phenobarbital 60mg Tablet (Celltech Pharma Europe Ltd) 55796 Phenobarbital sodium 15mg/5ml oral solution 5439 Phenobarbital 15mg tablets 29306 Phenobarbital 15mg tablets (Teva UK Ltd)

35164 Phenobarbital 50mg/5ml oral suspension

39618 Phenobarbital 20mg/5ml oral solution

45370 Phenobarbital 75mg/5ml oral solution 51326 Phenobarbital 50mg/5ml oral solution 55502 Phenobarbital 75mg/5ml oral suspension 57247 Phenobarbital 100mg/5ml oral suspension 57722 Phenobarbital 25mg/5ml oral solution 58905 Phenobarbital 15mg/5ml elixir (Alliance Healthcare (Distribution) Ltd) 59013 Phenobarbital 60mg/5ml oral solution 59232 Phenobarbital 15mg/5ml elixir (A A H Pharmaceuticals Ltd) 59574 Phenobarbital 15mg tablets (Kent Pharmaceuticals Ltd) 59795 Phenobarbital 15mg tablets (Bristol Laboratories Ltd) 59868 Phenobarbital 15mg tablets (A A H Pharmaceuticals Ltd) 59917 Phenobarbital 50mg/5ml oral solution (Drug Tariff Special Order) 60212 Phenobarbital 15mg/5ml oral solution 61217 Phenobarbital 50mg/5ml oral suspension (Drug Tariff Special Order) 2062 Phenytoin sodium 100mg tablets 4175 Epanutin 30mg/5ml oral suspension (Pfizer Ltd) 4490 Phenytoin 30mg/5ml oral suspension 5587 Phenytoin sodium 50mg capsules 6504 Phenytoin sodium 100mg capsules 6594 Phenytoin sodium 300mg capsules 6624 Phenytoin sodium 25mg capsules 14857 Phenytoin 50mg chewable tablets 17177 Epanutin Infatabs 50mg chewable tablets (Pfizer Ltd) 27113 Phenytoin sodium 100mg tablets (Teva UK Ltd) 34144 Phenytoin sodium 100mg tablets (Actavis UK Ltd) 34592 Phenytoin sodium 100mg tablets (A A H Pharmaceuticals Ltd) 47014 Phenytoin 90mg/5ml oral suspension 49789 Phenytoin sodium 50mg capsules (Flynn Pharma Ltd) 50147 Phenytoin sodium 100mg capsules (Flynn Pharma Ltd) 50148 Phenytoin sodium 25mg capsules (Flynn Pharma Ltd) 50159 Phenytoin sodium 300mg capsules (Flynn Pharma Ltd) 53749 Phenytoin sodium 100mg capsules (A A H Pharmaceuticals Ltd) 53750 Phenytoin sodium 50mg capsules (A A H Pharmaceuticals Ltd) 53846 Phenytoin sodium 300mg capsules (A A H Pharmaceuticals Ltd) 56786 Phenytoin sodium 100mg tablets (Milpharm Ltd) 58539 Phenytoin 90mg/5ml oral solution 59082 Phenytoin sodium 100mg capsules (Alliance Healthcare (Distribution) Ltd) 59293 Phenytoin sodium 300mg capsules (Alliance Healthcare (Distribution) Ltd) 59377 Phenytoin sodium 100mg capsules (Actavis UK Ltd) 59378 Phenytoin sodium 100mg tablets (Wockhardt UK Ltd) 59467 Phenytoin sodium 25mg capsules (Alliance Healthcare (Distribution) Ltd) 59504 Phenytoin sodium 100mg tablets (Alliance Healthcare (Distribution) Ltd) 60245 Phenytoin 90mg/5ml oral suspension (Drug Tariff Special Order) 60573 Phenytoin sodium 50mg capsules (Alliance Healthcare (Distribution) Ltd) 61769 Phenytoin sodium 25mg capsules (A A H Pharmaceuticals Ltd) 62181 Phenytoin sodium 100mg tablets (Kent Pharmaceuticals Ltd) 66347 Phenytoin sodium 100mg capsules (Sigma Pharmaceuticals Plc) 66608 Phenytoin sodium 100mg tablets (Waymade Healthcare Plc) 1398 Epanutin 100mg capsules (Pfizer Ltd)

2782 Phenytoin sodium 50mg tablets

3881 Epanutin 50mg capsules (Pfizer Ltd) 7498 Epanutin 25mg capsules (Pfizer Ltd) 10263 Epanutin 300mg capsules (Pfizer Ltd) 12469 Epanutin Ready-Mixed Parenteral 250mg/5ml solution for injection ampoules (F 24637 Phenytoin sodium 250mg/5ml solution for injection ampoules 107 Phenytoin 25mg capsule 1370 Phenytoin 100mg capsule 2128 Phenytoin 50mg capsule 3068 Phenytoin 300mg capsule 9678 Phenytoin 90mg/5ml oral solution sugar free 21854 Pentran 100mg Tablet (Berk Pharmaceuticals Ltd) 30392 Pentran 50mg Tablet (Berk Pharmaceuticals Ltd) 34699 Phenytoin 90mg/5ml Oral suspension sugar free (Rosemont Pharmaceuticals Lt-47670 Phenytoin 100mg Capsule (Actavis UK Ltd) 62650 Phenytoin 100mg Tablet (Berk Pharmaceuticals Ltd) 22399 Potassium bromide mixture 209 Primidone 250mg/5ml oral suspension 1157 Primidone 250mg tablets 4456 Mysoline 250mg Tablet (AstraZeneca UK Ltd) 10092 Mysoline 250mg tablets (SERB) 15030 Mysoline 250mg/5ml Oral suspension (AstraZeneca UK Ltd) 24627 Primidone 25mg/5ml oral suspension 33252 Primidone 62.5mg/5ml oral suspension 35835 Primidone 50mg/5ml oral suspension 37883 Primidone 100mg/5ml oral solution 44599 Primidone 50mg tablets 45476 Mysoline 50mg tablets (SERB) 50696 Primidone 250mg/5ml oral suspension (Special Order) 53172 Primidone 50mg capsules 59047 Mysoline 250mg tablets (DE Pharmaceuticals) 59088 Primidone 250mg tablets (SERB) 59389 Primidone 250mg tablets (A A H Pharmaceuticals Ltd) 59413 Primidone 50mg tablets (SERB) 59451 Primidone 250mg tablets (Alliance Healthcare (Distribution) Ltd) 59838 Primidone 50mg tablets (Alliance Healthcare (Distribution) Ltd) 60978 Primidone 50mg tablets (A A H Pharmaceuticals Ltd) 64110 Primidone 25mg/5ml oral suspension (Special Order) 64127 Primidone 50mg/5ml oral suspension (Drug Tariff Special Order) 64635 Primidone 62.5mg/5ml oral suspension (Drug Tariff Special Order) 1557 Pyridoxine 50mg tablets 27109 Pyridoxine 50mg tablets (A A H Pharmaceuticals Ltd) 46943 Pyridoxine 50mg tablets (Wockhardt UK Ltd) 50305 Pyridoxine 100mg capsules 61404 HealthAid Vitamin B6 50mg tablets (HealthAid Ltd) 44363 Pyridoxine 100mg/5ml oral solution 57713 Pyridoxine 250mg/5ml oral suspension 58238 Pyridoxine 10mg/5ml oral suspension 61940 Pyridoxine 50mg/5ml oral suspension 63740 Pyridoxine 100mg/5ml oral suspension

46319 Trobalt 50mg tablets (GlaxoSmithKline UK Ltd)

46320 Trobalt 100mg tablets (GlaxoSmithKline UK Ltd) 46380 Retigabine 100mg tablets 46381 Retigabine 50mg tablets 46622 Retigabine 200mg tablets 46787 Retigabine 50mg tablets and Retigabine 100mg tablets 46788 Retigabine 300mg tablets 47032 Trobalt 200mg tablets (GlaxoSmithKline UK Ltd) 47715 Trobalt 300mg tablets (GlaxoSmithKline UK Ltd) 47770 Retigabine 400mg tablets 54190 Trobalt 400mg tablets (GlaxoSmithKline UK Ltd) 37416 Rufinamide 200mg tablets 37512 Inovelon 200mg tablets (Eisai Ltd) 37515 Rufinamide 100mg tablets 37895 Rufinamide 400mg tablets 40521 Inovelon 400mg tablets (Eisai Ltd) 43919 Inovelon 100mg tablets (Eisai Ltd) 51416 Rufinamide 40mg/ml oral suspension sugar free 584 Sodium valproate 200mg gastro-resistant tablets 1550 Sodium valproate 200mg/5ml oral solution 2082 Epilim 200mg/5ml liquid (Sanofi) 2822 Epilim ec 500mg Gastro-resistant tablet (Sanofi) 3107 Epilim Chrono 500 tablets (Sanofi) 3350 Sodium valproate 500mg gastro-resistant tablets 3731 Epilim ec 200mg Gastro-resistant tablet (Sanofi) 3733 Epilim Chrono 300 tablets (Sanofi) 3734 Epilim Chrono 200 tablets (Sanofi) 3845 Sodium valproate 200mg/5ml oral solution sugar free 4195 Epilim 100mg crushable tablets (Sanofi) 4495 Epilim 200mg/5ml syrup (Sanofi) 4502 Sodium valproate 100mg tablets 6560 Sodium valproate 500mg modified-release tablets 6711 Sodium valproate 300mg modified-release tablets 7011 Sodium valproate with valproic acid 300mg modified release tablets 8885 Orlept 500mg gastro-resistant tablets (Wockhardt UK Ltd) 9281 Sodium valproate with valproic acid 200mg modified release tablets 11075 Sodium valproate with valproic acid 500mg modified release tablets 16609 Sodium valproate 400mg powder and solvent for solution for injection vials 17152 Orlept 200mg gastro-resistant tablets (Wockhardt UK Ltd) 20004 Epilim Intravenous 400mg powder and solvent for solution for injection vials (Sa 24153 Orlept SF 200mg/5ml liquid (Wockhardt UK Ltd) 30081 Sodium valproate CR 500mg Tablet (Hillcross Pharmaceuticals Ltd) 33058 Epival CR 500mg tablets (Chanelle Medical UK Ltd) 33106 Sodium valproate 200mg/5ml Oral solution (IVAX Pharmaceuticals UK Ltd) 34120 Sodium valproate 200mg gastro-resistant tablets (A A H Pharmaceuticals Ltd) 34150 Valproate sodium 200mg Gastro-resistant tablet (IVAX Pharmaceuticals UK Ltd) 34151 Valproate sodium 500mg Gastro-resistant tablet (IVAX Pharmaceuticals UK Ltd) 34178 Sodium valproate 500mg gastro-resistant tablets (A A H Pharmaceuticals Ltd) 34414 Sodium valproate 200mg Tablet (Sterwin Medicines) 34626 Sodium valproate 200mg gastro-resistant tablets (Mylan Ltd)

34632 Sodium valproate 200mg gastro-resistant tablets (Teva UK Ltd)

34707 Sodium valproate 200mg gastro-resistant tablets (IVAX Pharmaceuticals UK Ltd) 34883 Sodium valproate 200mg/5ml oral solution sugar free (A A H Pharmaceuticals Lt 35024 Sodium valproate 300mg modified-release capsules 35471 Sodium valproate 150mg modified-release capsules 35747 Episenta 300mg modified-release capsules (Desitin Pharma Ltd) 35755 Sodium valproate 500mg modified-release granules sachets sugar free 36318 Sodium valproate 1g modified-release granules sachets sugar free 36633 Episenta 150mg modified-release capsules (Desitin Pharma Ltd) 37306 Sodium valproate 200mg/5ml Oral solution (Sterwin Medicines) 37611 Epival CR 300mg tablets (Chanelle Medical UK Ltd) 38507 Epilim Chronosphere MR 100mg granules sachets (Sanofi) 38508 Epilim Chronosphere MR 250mg granules sachets (Sanofi) 38939 Epilim 200 gastro-resistant tablets (Sanofi) 38949 Epilim 500 gastro-resistant tablets (Sanofi) 39039 Sodium valproate 200mg modified-release tablets 39276 Sodium valproate with valproic acid 250mg modified release granules 39279 Epilim Chronosphere MR 500mg granules sachets (Sanofi) 39427 Sodium valproate with valproic acid 750mg modified release granules 39452 Sodium valproate with valproic acid 500mg modified release granules 39550 Epilim Chronosphere MR 750mg granules sachets (Sanofi) 39930 Epilim Chronosphere MR 50mg granules sachets (Sanofi) 40070 Sodium valproate 300mg/3ml solution for injection ampoules 40395 Sodium valproate 100mg tablets (Mylan Ltd) 40400 Sodium valproate 500mg Gastro-resistant tablet (C P Pharmaceuticals Ltd) 41137 Sodium valproate with valproic acid 100mg modified release granules 42038 Epilim Chronosphere MR 1000mg granules sachets (Sanofi) 42090 Sodium valproate 200mg/5ml oral solution sugar free (Zentiva) 43178 Sodium valproate with valproic acid 1000mg modified release granules 43387 Sodium valproate with valproic acid 50mg modified release granules 43648 Sodium valproate oral solution 43742 Sodium valproate 1g/10ml solution for injection ampoules 44472 Sodium valproate 100mg modified-release granules sachets sugar free 44718 Sodium valproate 750mg modified-release granules sachets sugar free 44903 Sodium valproate 500mg gastro-resistant tablets (Zentiva) 45106 Sodium valproate 250mg modified-release granules sachets sugar free 45344 Sodium valproate 200mg/5ml Oral solution (Hillcross Pharmaceuticals Ltd) 45419 Sodium valproate 50mg modified-release granules sachets sugar free 46774 Sodium valproate 500mg gastro-resistant tablets (Teva UK Ltd) 49923 Epilim Chrono 200 tablets (Lexon (UK) Ltd) 51751 Sodium valproate 200mg gastro-resistant tablets (Wockhardt UK Ltd) 53195 Epilim Chrono 200 tablets (DE Pharmaceuticals) 53197 Sodium valproate 300mg modified-release tablets (Sigma Pharmaceuticals Plc) 53501 Epilim Chrono 500 tablets (Lexon (UK) Ltd) 53524 Epilim Chrono 300 tablets (DE Pharmaceuticals) 55006 Sodium valproate 500mg modified-release tablets (Alliance Healthcare (Distribu 56076 Sodium valproate 500mg/5ml oral suspension 56136 Epilim Chrono 300 tablets (Waymade Healthcare Plc) 60102 Sodium valproate 500mg modified-release tablets (J M McGill Ltd)

60332 Sodium valproate 200mg/5ml oral solution sugar free (Wockhardt UK Ltd)

62637 Sodium valproate 200mg gastro-resistant tablets (Actavis UK Ltd)

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63685 Epilim Chrono 500 tablets (DE Pharmaceuticals) 36634 Episenta 1000mg modified-release granules sachets (Desitin Pharma Ltd) 37584 Episenta 500mg modified-release granules sachets (Desitin Pharma Ltd) 37970 Stiripentol 250mg oral powder sachets 42491 Stiripentol 250mg capsules 43836 Stiripentol 500mg capsules 44400 Stiripentol 500mg oral powder sachets 32200 Sultiame 200mg tablets 37633 Sultiame 50mg tablets 35987 Ospolot fc 50mg Tablet (IDIS World Medicines) 10311 Thiopental 500mg powder for solution for injection vials 13825 Tiagabine 5mg tablets 13828 Tiagabine 15mg tablets 16442 Tiagabine 10mg tablets 18737 Gabitril 5mg Tablet (Sanofi-Synthelabo Ltd) 20859 Gabitril 10mg Tablet (Sanofi-Synthelabo Ltd) 24264 Gabitril 15mg tablets (Teva UK Ltd) 25244 Gabitril 10mg tablets (Teva UK Ltd) 26318 Gabitril 15mg Tablet (Sanofi-Synthelabo Ltd) 32973 Gabitril 5mg tablets (Teva UK Ltd) 795 Topiramate 15mg capsules 5830 Topiramate 50mg capsules 5874 Topiramate 25mg capsules 6820 Topiramate 100mg tablets 7073 Topiramate 50mg tablets 7108 Topiramate 200mg tablets 9823 Topamax 25mg tablets (Janssen-Cilag Ltd) 11237 Topiramate 25mg tablets 12821 Topamax 15mg sprinkle capsules (Janssen-Cilag Ltd) 13608 Topamax 50mg tablets (Janssen-Cilag Ltd) 13890 Topamax 200mg tablets (Janssen-Cilag Ltd) 15851 Topamax 100mg tablets (Janssen-Cilag Ltd) 16262 Topamax 25mg sprinkle capsules (Janssen-Cilag Ltd) 18077 Topamax 50mg sprinkle capsules (Janssen-Cilag Ltd) 44719 Topiramate 25mg/5ml oral suspension 46572 Topiramate 50mg/5ml oral suspension 51839 Topamax 25mg sprinkle capsules (Mawdsley-Brooks & Company Ltd) 52751 Topiramate 5mg/5ml oral solution 53779 Topiramate 25mg capsules (Sandoz Ltd) 53780 Topiramate 25mg tablets (Sandoz Ltd) 54245 Topiramate 25mg capsules (A A H Pharmaceuticals Ltd) 55649 Topiramate 15mg capsules (A A H Pharmaceuticals Ltd) 57670 Topiramate 50mg capsules (Sandoz Ltd) 58019 Topiramate 25mg tablets (Teva UK Ltd) 58137 Topiramate 100mg/5ml oral solution 59051 Topiramate 50mg tablets (Accord Healthcare Ltd) 59058 Topiramate 20mg/5ml oral suspension 60156 Topiramate 25mg capsules (Actavis UK Ltd) 60878 Topiramate 15mg/5ml oral solution 61198 Topiramate 15mg/5ml oral suspension

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64693 Clonazepam 2.5mg/ml drops

65046 Lamotrigine 15mg/5ml oral suspension

51583 Primidone 100mg/5ml oral suspension

57898 Carbamazepine 100mg/5ml oral suspension

- 55019 Phenobarbital 250mg/5ml oral suspension
- 58532 Phenobarbital 34mg/5ml oral suspension
- 60648 Phenobarbital 15mg/5ml oral suspension
- 49429 Paraldehyde 50% in Sunflower oil rectal solution
- 59375 Paraldehyde 50% in Olive oil rectal solution
- 61290 Midazolam 2.5mg/0.25ml oromucosal solution pre-filled oral syringes
- 63631 Paraldehyde 50% in Arachis oil rectal solution
- 54609 Gabapentin 50mg/ml oral solution sugar free
- 58162 Gabapentin 600mg/5ml oral solution
- 59196 Gabapentin 400mg/5ml oral solution
- 63375 Gabapentin 200mg/5ml oral solution
- 66495 Brivaracetam 50mg tablets
- 57874 Topiramate 12.5mg/5ml oral suspension
- 60432 Topiramate 10mg/5ml oral solution

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Midazolam Maleate

Midazolam/Midazolam

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         Pyridoxine hydrochloride
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         Pyridoxine hydrochloride
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         Pyridoxine hydrochloride
54
         Pyridoxine Hydrochloride
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         Pyridoxine hydrochloride
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         Retigabine
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Retigabine Rufinamide Rufinamide Rufinamide Rufinamide Rufinamide Rufinamide Rufinamide Sodium valproate 1 Sodium valproate 2 3 Sodium valproate 4 Sodium valproate 5 Sodium valproate 6 Sodium valproate 7 8 Sodium valproate 9 Sodium valproate 10 Sodium valproate 11 Sodium valproate 12 Sodium valproate 13 Sodium valproate 14 15 Sodium valproate 16 Sodium valproate 17 Sodium valproate 18 Sodium valproate 19 Sodium valproate 20 21 Sodium valproate 22 Sodium valproate 23 Sodium valproate 24 Sodium valproate 25 Sodium valproate 26 27 Sodium valproate 28 Sodium valproate 29 Sodium valproate 30 Sodium valproate 31 32 Sodium valproate 33 Sodium valproate 34 Sodium valproate 35 Sodium valproate 36 Sodium valproate 37 Sodium valproate 38 39 Sodium valproate 40 Sodium valproate 41 Sodium valproate 42 Sodium valproate 43 44 Sodium valproate 45 Sodium valproate 46 Sodium valproate 47 Sodium valproate 48 Sodium valproate 49 50 Sodium valproate 51 Sodium valproate 52 Sodium valproate 53 Sodium valproate 54 Sodium valproate 55 56 Sodium valproate 57 Sodium valproate 58 Sodium valproate 59 Sodium valproate 60 Sodium valproate 1 Sodium valproate 2 3 Sodium valproate 4 Sodium valproate 5 Stiripentol 6 Stiripentol 7 8 Stiripentol 9 Stiripentol TOLDER TELEMONY 10 Sultiame 11 Sultiame 12 Sultiame 13 Thiopental sodium 14 15 Tiagabine 16 Tiagabine 17 Tiagabine 18 Tiagabine 19 Tiagabine 20 21 Tiagabine 22 Tiagabine 23 Tiagabine 24 Tiagabine 25 **Topiramate** 26 27 **Topiramate** 28 **Topiramate** 29 **Topiramate** 30 **Topiramate** 31 32 **Topiramate** 33 **Topiramate** 34 **Topiramate** 35 **Topiramate** 36 **Topiramate** 37 38 **Topiramate** 39 **Topiramate** 40 **Topiramate** 41 **Topiramate** 42 **Topiramate** 43 44 **Topiramate** 45 **Topiramate** 46 **Topiramate** 47 **Topiramate** 48 **Topiramate** 49 50 **Topiramate** 51 **Topiramate** 52 **Topiramate** 53 **Topiramate** 54 **Topiramate** 55 56 **Topiramate** 57 **Topiramate** 58 **Topiramate** 59 **Topiramate** 60

Topiramate

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29	Zonisamide
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37	Zonisamide
38	Clobazam
39	Gabapentin
40 41	Phenobarbital
42	Clobazam
43	Levetiracetam
44	Sodium valproate
45	Phenytoin
46 47	Levetiracetam
47 48	Levetiracetam
49	Zonisamide
50	Levetiracetam
51	Levetiracetam
52	Phenobarbital
53 54	Clonazepam
5 4 55	Lacosamide
56	Phenytoin
57	Clonazepam
58	Lamotrigine
59	Primidone
60	Carbamazepine
	Carbanazepine

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Midazolam
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Brivaracetam
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Topiramate











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STROBE Statement—checklist of items that should be included in reports of observational studies

	Item No	Recommendation	Page No
Title and abstract	1	(a) Indicate the study's design with a commonly used term in	1
		the title or the abstract	
		(b) Provide in the abstract an informative and balanced	2
		summary of what was done and what was found	
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the	4
		investigation being reported	
Objectives	3	State specific objectives, including any prespecified	4
		hypotheses	
Methods			
Study design	4	Present key elements of study design early in the paper	4,5
Setting	5	Describe the setting, locations, and relevant dates, including	4,5
C		periods of recruitment, exposure, follow-up, and data	
		collection	
Participants	6	(a) Cohort study—Give the eligibility criteria, and the sources	5
-		and methods of selection of participants. Describe methods of	
		follow-up	
		Case-control study—Give the eligibility criteria, and the	
		sources and methods of case ascertainment and control	
		selection. Give the rationale for the choice of cases and	
		controls	
		Cross-sectional study—Give the eligibility criteria, and the	
		sources and methods of selection of participants	
		(b) Cohort study—For matched studies, give matching criteria	5
		and number of exposed and unexposed	
		Case-control study—For matched studies, give matching	
		criteria and the number of controls per case	
Variables	7	Clearly define all outcomes, exposures, predictors, potential	5, 6 supplementa
		confounders, and effect modifiers. Give diagnostic criteria, if	file 1 and 2
		applicable	
Data sources/	8*	For each variable of interest, give sources of data and details	5, 6,
measurement		of methods of assessment (measurement). Describe	supplemental file
		comparability of assessment methods if there is more than one	1 and 2
		group	
Bias	9	Describe any efforts to address potential sources of bias	N/A
Study size	10	Explain how the study size was arrived at	5,6
Quantitative variables	11	Explain how quantitative variables were handled in the	5,6
-		analyses. If applicable, describe which groupings were chosen	
		and why	
Statistical methods	12	(a) Describe all statistical methods, including those used to	6
		control for confounding	
		(b) Describe any methods used to examine subgroups and	6
		interactions	
		(c) Explain how missing data were addressed	5

(d) Cohort study—If applicable, explain how loss to follow-	5
up was addressed	
Case-control study—If applicable, explain how matching of	
cases and controls was addressed	
Cross-sectional study—If applicable, describe analytical	
methods taking account of sampling strategy	
(e) Describe any sensitivity analyses	

Continued on next page

Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially	Fig 1
1 with purity	10	eligible, examined for eligibility, confirmed eligible, included in the study,	1181
		completing follow-up, and analysed	
		(b) Give reasons for non-participation at each stage	Fig 1
		(c) Consider use of a flow diagram	Fig 1
Descriptive	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and	6
data		information on exposures and potential confounders	
		(b) Indicate number of participants with missing data for each variable of interest	N/A
		(c) Cohort study—Summarise follow-up time (eg, average and total amount)	N/A
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time	table
			1 - 3
		Case-control study—Report numbers in each exposure category, or summary	table
		measures of exposure	4
		Cross-sectional study—Report numbers of outcome events or summary measures	
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and	9,10
		their precision (eg, 95% confidence interval). Make clear which confounders were	
		adjusted for and why they were included	
		(b) Report category boundaries when continuous variables were categorized	table
			4
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a	N/A
		meaningful time period	
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and	9
		sensitivity analyses	
Discussion			1
Key results	18	Summarise key results with reference to study objectives	8,9
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or	12,13
		imprecision. Discuss both direction and magnitude of any potential bias	
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations,	10,11
		multiplicity of analyses, results from similar studies, and other relevant evidence	
Generalisability	21	Discuss the generalisability (external validity) of the study results	13
Other informati	on		
Funding	22	Give the source of funding and the role of the funders for the present study and, if	14
		applicable, for the original study on which the present article is based	1

^{*}Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

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

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Epilepsy and mortality: a retrospective cohort analysis with a nested case-control study identifying causes and risk factors from primary care and linkage-derived data

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Epilepsy and mortality: a retrospective cohort analysis with a nested case-control study identifying causes and risk factors from primary care and linkage-derived data

Gabriella Wojewodka¹, Martin Gulliford^{2,3}, Mark Ashworth², Mark P. Richardson¹, Leone Ridsdale¹

¹ King's College London, Institute of Psychiatry, Psychology and Neuroscience, Department of Basic and Clinical Neuroscience, London, UK.

Corresponding author: Dr. Gabriella Wojewodka, King's College London, IoPPN, 16 De Crespigny Park, PO63, London, UK, SE5 8AF. email: gabriella.wojewodka@kcl.ac.uk

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² King's College London, School of Population Health and Environmental Sciences, London, UK.

³ National Institute for Health Research Biomedical Research Centre at Guy's and St Thomas' Hospitals, London, UK

ABSTRACT

Objectives

People with epilepsy (PWE) have a higher mortality rate than the general population. Epilepsy related deaths have increased despite all-cause mortality decreasing in the general population pre-Covid-19. We hypothesized that clinical and lifestyle factors may identify people more at risk.

Design

We used a retrospective cohort study to explore cause of death and a nested case-control study to identify risk factors.

Setting

We explored factors associated with mortality using primary care population data from 01/04/2004 to 31/03/2014. Data was obtained from the Clinical Practice Research Datalink (CPRD) which compiles anonymised patient data from primary care in the UK. Cause of death data was supplemented from the Office of National Statistics when available.

Participants

The analysis included 70,431 people with epilepsy, with 11,241 registered deaths.

Results

The number of deaths within the database increased by 69% between the first and last year of the study. Epilepsy was considered as a contributing cause in approximately 45% of deaths of PWE under 35. Factors associated with increased risk of death included attendance at emergency departments and/or emergency admissions (OR: 3.48 CI: 3.19 – 3.80), anti-epileptic drug (AED) polytherapy (2 AEDs: OR 1.60 CI:1.51–1.71; 3 AEDs: OR: 2.06 CI: 1.86–2.29; 4+ AEDs: OR: 2.62 CI: 2.23–3.08), status epilepticus (OR: 2.78 CI: 1.64–4.71), depression (OR: 1.67 CI: 1.57–1.76) and injuries (OR: 1.54 CI: 1.35–1.56). No seizures in the prior year (OR: 0.52 CI: 0.41–0.65).

Conclusion

Our results add to existing evidence that deaths in epilepsy are increasing. Future studies could focus on identifying PWE at high risk and addressing them with clinical interventions or better self-management. Identifying specific risk factors for younger people should be a priority as epilepsy may be a factor in close to half of deaths of PWE under 35 years of age.

STRENGTHS AND LIMITATIONS OF THE STUDY

- The study examines the higher mortality rate in epilepsy by exploring risk factors that could be mitigated by interventions in clinical practice
- The study included data collected in primary care which is large and representative compared to hospital data
- The large sample size collected from participating UK practices contributes to the generalisability of the results
- The data set used was from 2004 to 2014, as this covered a period where epilepsy was part of a national programme for outcome reporting.



INTRODUCTION

Epilepsy is one of the most common neurological conditions with about 50 million people affected worldwide.¹ With access to good treatment, it is estimated that 60-70% of people with epilepsy (PWE) can become free of seizure.² However, epilepsy is also an important cause of premature death.³ Mortality rates of people with epilepsy are higher than for the general population.⁴-9 A longitudinal cohort study from Sweden found that an epilepsy diagnosis was associated with a 14-fold increased risk of all-cause death.⁵ Some studies suggest that this has not changed over time.⁴ ¹0 Other data suggest the number of deaths in PWE is increasing despite a decrease in all-cause mortality in the general population.8 ¹¹¹ ¹² Public Health England reported that deaths with epilepsy as a contributing factor increased by 70% between 2001 and 2014, while all-cause deaths in the population decreased by 6%.¹¹

Some causes of death in PWE are similar to the general population, such as circulatory and respiratory diseases, dementia, Alzheimer's and cancers. ¹¹ ¹³ ¹⁴ Others are related to consequences of the condition itself such as injuries, burns and drowning during seizures. ⁵ ⁹ ¹⁵ Lifestyle and psychosocial factors contribute to increased risk of mortality and include alcohol or substance misuse, ¹³ ¹⁶ low adherence to medication, ¹⁰ depression, ⁵ ¹⁶ and socioeconomic status. ¹¹ ¹⁶ Sudden unexpected death in epilepsy (SUDEP) is sometimes posited as a common cause of death for PWE. A recent review suggests SUDEP accounts for 12% of all-cause deaths in epilepsy. ¹⁰ However, factors that can be prevented or treated are under-researched and could lead to more impact on reducing mortality.

In 2011, our group published risk factors increasing mortality in PWE based on population data collected in primary care in the United Kingdom (UK) between 1993 and 2007. Here, we follow-up on the analysis using data collected during an incentivised programme which rewarded enhanced monitoring and care for people with epilepsy in primary care over ten years. We hypothesised that the epilepsy data collected under this programme would be of high quality allowing for a comprehensive analysis of causes and risk factors associated with mortality. We report the number of deaths recorded during this time, the causes of death for younger and older PWE, and risk factors associated with mortality among PWE.

METHODS

Study Design

A retrospective cohort design was used to analyse mortality and causes of death in PWE. Risk factors affecting mortality were analysed using a nested case-control study. This study was approved by the Independent Scientific Advisory Committee of the CPRD (protocol 17_208R2).

Setting

Data was obtained from the Clinical Practice Research Datalink (CPRD). This database contains anonymised patient data obtained from electronic records from primary care clinics in the UK. The data is sent from participating clinics to a central server where data is cleaned, checked for quality and curated. A study from 2015 counted 11,299,221 patients registered in the CPRD from 674 GP practices. Patients in the database were representative of the UK population when compared to the 2011 census. For our study period, mid-year counts for 2004 show 4,584,065 patients were active in the database (alive and currently registered in a GP practice) with 50.1% being female. In 2013, 4,493,034 patients were active at mid-year and 50.4% were female.

Our study period was from 01/04/2004 to 31/03/2014 during which epilepsy management came under the Quality and Outcomes Framework (QOF), a programme implemented within the primary care setting. Revised QOF clinical indicators were implemented in April 2014 when most epilepsy indicators were discontinued. The aim of the programme was to incentivize improvement in the recording of clinical information on specific lifestyle items or long term health conditions with the view that structured monitoring and reporting improved the quality of care.¹⁸

Types of data

The CPRD includes "patient data" which include demographic information, "clinical data" include information on clinical events such as diagnosis or symptoms, and "additional clinical details" that include lifestyle factors. It also includes "therapy data" which contains information on prescriptions, product codes, doses and treatment schedules. Clinical data are entered initially as alpha numeric Read codes by the GP into electronic medical records. These are converted into numeric Medcodes within the CPRD for easier analysis by researchers. Medication types are recorded in "therapy data" as numeric Prodcodes.

Cause of death information was obtained when available through linked data for a subset of patients from England and Wales from the Office of National Statistics (ONS). The cause of death is presented using ICD-10 diagnostic codes and offers the main cause and up to 15 contributing causes, if applicable. Date of death was available both from the CPRD and ONS data and the earliest date of the two was used if there were discrepancies. The Index of Multiple Deprivation (IMD) was also obtained for each patient's GP practice, which was used for control matching in the case-control study. Practice IMD data was "most up to date" version when requested in 2018.

Cohort study participants

For the mortality and cause of death cohort study, adults with epilepsy were included who were least 18 years old at time of death. Epilepsy was defined as having a documented epilepsy diagnostic code or seizure code and at least two prescriptions of antiepileptic drugs (AEDs). Using a diagnostic or seizure code with prescription data has been validated to identify cases of epilepsy in routinely collected data. Any patient with a diagnostic code of "epilepsy resolved" was removed from the study (Medcodes 8385 and 12848, Read codes 2126000 and 212J.00). Codes used to identify epilepsy and seizures are presented in Table S1 (Supplemental File 1).

Case-control study participants

Since we were focusing on the specific 12-month period prior to date of death to establish preventable risk factors, we opted to use a nested case-control study design. Cases were defined as PWE within the cohort with a documented date of death between 01/04/2004 to 31/03/2014 with at least 12 months of data recorded in our study period (thus earliest data of death included was 01/04/2005). Controls were randomly matched at a ratio of 3:1 by sex, practice IMD, year of birth (+/- 1 year). For cases aged 18, controls were matched for year of birth + 1 year. Controls were alive for at least 12 months after the date of death of their matched case. The first analysis was conducted for the whole dataset and a second one used data from PWE under the age of 35.

Exposure variables

Potential variables were selected based on existing literature, items part of the QOF and others associated with lifestyle. Exposure data were refined based on the availability and reliability of data in the CPRD. Full description of variables and sources of data are included in the Supplemental File 1. List of codes used for each variable can be found in Supplemental File 2. We assessed variables occurring

in the 12 months prior to the case's date of death for emergency department visits or emergency admissions, number of AEDs, status epilepticus, depression, injury, smoking status, and seizure freedom. History of co-morbidity was taken from all available patient data for dementia and stroke. Missing data was considered as "no" for binary outcomes except for smoking status where the last known status was used, as previously reported.²⁰ Variables that were considered but not included due to poor quality of data included alcohol and substance use.

Statistics

The number all-cause deaths recorded in the CPRD was calculated for complete calendar years (from 2005 to 2013) to allow for comparisons with previous publications. All other analyses used data from the full study period (01/04/2004 to 31/03/2014). The cause of death data was analysed two ways: 1) tabulating the main cause of death in PWE and 2) evaluating the proportion of deaths with epilepsy listed as a contributing cause. A contributing cause was defined as either the main cause or listed as a cause in any of the other 15 positions on the death certificate. The main causes of death are presented for younger and older PWE with 65 years as the cut-off. Deaths with epilepsy as a contributing cause were divided by age group. To track trends, an additional analysis of main cause of death by full calendar year is presented in supplemental material (Table S2, Supplemental File 1).

Conditional logistic regression was used for the nested case-control study. Variables were included in the model following maximum likelihood and Akaike information criterion (AIC) testing. Potential confounders such as age, sex, and deprivation were addressed by control matching. Data are presented as odds ratios (ORs) and 95% confidence intervals. The analysis was conducted for the whole dataset and subsequently for the subset of PWE aged under 35.

The following interactions were tested: age and emergency visit/admission, age and injury, age and dementia, age and stroke, status epilepticus and emergency visit/admissions, number of AEDs and seizure freedom, prescription issue and number of AEDs, injury and emergency visit/admission.

Patient and Public Involvement

Patients or the public were not involved in the design, or conduct, or reporting, or dissemination plans of our research.

RESULTS

We obtained a sample size of 70,431 PWE with 11,241 who had a documented date of death within our time frame (Figure 1). We obtained cause of death for 7,405 people from ONS linked data. Age of patients ranged 18 to 105 with 50.8% male.

Number of deaths

The number of deaths recorded in the database increased between 2005 to 2013, from 821 to 1,386 which represents a 68.8% increase (Table 1). This increase was not attributed to more PWE being registered in the database as this decreased by 21.8% over the same period. The mean age of the participants within the database increased over time.

Table 1. Number of recorded deaths of PWE in the CPRD per full year within the study period.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Average age of									
adult PWE in the									
database, mean	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.2
(SD)	(18.5)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)	(18.6)
Number of PWE									
registered in the									
database	48,447	48,585	48,031	46,948	45,941	44,485	42,521	40,120	37,865
Number of									
recorded deaths	821	1,075	1,190	1,241	1,214	1,307	1,282	1,386	1,386
Number of deaths									
per 1000 PWE in									
the CPRD	16.9	22.1	24.8	26.4	26.4	29.4	30.1	34.5	36.6

Note: PWE defined as having an epilepsy diagnostic code and at least two prescriptions of AEDs, aged>17. Study period was from 1st April 2004 to 31st March 2014. Only data from full calendar years within this time frame were used for this table.

Cause of death

The main causes of death for PWE aged 18 to 64 years old were neoplasms (26.8%), diseases of the circulatory system (15.4%) and epilepsy (14.2%) (Table 2a). For PWE 65 years and over, the main causes of death were diseases of the circulatory system (37.3%), neoplasms (17.2%) and diseases of the respiratory system (15.6%) (Table 2b). Deaths due to epilepsy as a primary cause were documented in 2.7% of older PWE.

Table 2a. Documented main cause of death of people with epilepsy under 65 years

ICD-10 category	Under 65, n (%)
Neoplasms (C00-D48)	571(26.9)
Diseases of the circulatory system (100-199)	330 (15.6)
Epilepsy (G40-G41)	302 (14.2)
Diseases of the respiratory system (J00-J99)	176 (8.3)
Diseases of the nervous system (G00-G37, G43-G99), excluding epilepsy	164 (7.7)
Diseases of the digestive system (K00-KK93)	161 (7.6)
External causes of morbidity and mortality (V01-X59, X85-Y98)	129 (6.1)
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	70 (3.3)
Mental and behavioural disorders (F00-F99)	61 (2.9)
Endocrine, nutritional and metabolic diseases (E00-E90)	34 (1.6)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	29 (1.4)
External causes of morbidity and mortality (intentional) (X60-X84)	28 (1.3)
Diseases of the genitourinary system (N00-N99)	23 (1.1)
Certain infectious and parasitic diseases (A00-B99)	20 (0.9)

Diseases of the blood and blood-forming organs (D50-D89)	9 (0.4)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	9 (0.4)
Diseases of the skin and subcutaneous tissue (L00-L99)	4 (0.2)
Total	2,120 (100.0)

Table 2b. Documented main cause of death of people with epilepsy aged 65 and over

ICD-10 category	65 and over, n (%)
Diseases of the circulatory system (I00-I99)	1973 (37.3)
Neoplasms (C00-D48)	910 (17.2)
Diseases of the respiratory system (J00-J99)	827 (15.6)
Mental and behavioural disorders (F00-F99)	479 (9.1)
Diseases of the nervous system (G00-G37, G43-G99), excluding epilepsy	295 (5.6)
Diseases of the digestive system (K00-KK93)	173 (3.3)
Epilepsy (G40-G41)	142 (2.7)
Diseases of the genitourinary system (N00-N99)	130 (2.5)
External causes of morbidity and mortality (V01-X59, X85-Y98)	88 (1.7)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	86 (1.6)
Endocrine, nutritional and metabolic diseases (E00-E90)	67 (1.3)
Certain infectious and parasitic diseases (A00-B99)	46 (0.9)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	29 (0.5)
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15 (0.3)
Diseases of the skin and subcutaneous tissue (L00-L99)	13 (0.2)
Diseases of the blood and blood-forming organs (D50-D89)	8 (0.2)
External causes of morbidity and mortality (intentional) (X60-X84)	4 (0.1)
Total	5,285 (100.0)

We tabulated the number of deaths with epilepsy listed as a cause of death, either the main or a contributing cause (Table 3). In PWE under 35, almost 45% of deaths had epilepsy as a contributary cause (35.1% to 53.3%, with a mean of 44.2%) (Table 3). The trends are similar between sexes under 35 and over 65. However, they differ in middle-age. At the 40-44 age group, epilepsy-contributing deaths were 2-fold higher in male compared to female PWE.

Table 3. Epilepsy documented as a contributing cause of death by age group

		Male	Female			
Age group	All cause deaths, n	Deaths with epilepsy as contributing cause, n (%) [95% Confidence Interval]	All cause deaths, n	Deaths with epilepsy as contributing cause, n (%) [95% Confidence Interval]		
18-19	15	8 (53.3) [28.1 – 78.6]	8	3 (37.5) [4.0 – 71.0]		
20-24	37	17 (45.9) [29.9 – 62.0]	29	13 (44.8) [26.7 – 62.9]		
25-29	45	22 (48.9) [34.3 – 63.5]	37	17 (45.9) [29.9 – 62.0]		
30-34	64	27 (42.2) [30.1 – 54.3]	37	13 (35.1) [19.8 – 50.5]		
35-39	81	19 (23.5) [14.2 – 32.7]	62	17 (27.4) [16.3 – 38.5]		
40-44	135	44 (32.6) [24.7 – 40.5]	75	12 (16.0) [7.7 – 24.3]		

45-49	157	42 (26.8) [19.8 – 33.7]	104	18 (17.3) [10.0 – 24.6]
50-54	213	58 (27.2) [21.3 – 33.2]	114	19 (16.7) [9.8 – 23.5]
55-59	238	44 (18.5) [13.6 – 23.4]	165	23 (13.9) [8.7 – 19.2]
60-64	291	63 (21.6) [16.9 – 26.4]	213	36 (16.9) [11.9 – 21.9]
65-69	323	42 (13.0) [9.3 – 16.7]	266	38 (14.3) [10.1 – 18.5]
70-74	442	60 (13.6) [10.4 – 16.8]	295	34 (11.5) [7.9 – 15.2]
75-79	475	44 (9.3) [6.7 – 11.9]	444	57 (12.8) [9.7 – 15.9]
80-84	517	53 (10.3) [7.6 – 12.9]	578	68 (11.8) [9.1 – 14.4]
85-89	485	54 (11.1) [8.3 – 13.9]	623	62 (10.0) [7.6 – 12.3]
90-105	290	22 (7.6) [4.5 – 10.6]	547	65 (11.9) [9.2 – 14.6]

To explore whether there were changes in the causes of death over time, we tabulated the main cause of death by year (Supplementary File 1, Table S2). Diseases of the circulatory system were consistently listed as the highest main cause of death for each year. The proportion of deaths due to mental and behavioural disorders doubled from 2011 onwards (mean percentage for 2005 to 2010: 5.05%, mean percentage for 2011 to 2013: 10.7%). The proportion of deaths attributed to epilepsy as the primary cause remained relatively stable throughout (6.3% for 2005 to 5.2% for 2013), although the number of deaths this represented increased (33 in 2005 to 51 to 2013).

Risk factors

Risk factors included in the model, frequencies and associated ORs are presented in Table 4. Attendance at emergency departments in the previous 12 months was associated with the highest risk (OR: 3.48 CI: 3.19 - 3.80). Compared to being prescribed one AED, prescription of two or more AEDs was associated with an elevated risk of death (2 AEDs: OR: 1.60 CI: 1.51 - 1.71; 3 AEDs: OR: 2.06 CI: 1.86 - 2.29; 4+ AEDs: OR: 2.62 CI: 2.23 - 3.08), while no AED prescription was associated with a lower risk (OR: 0.77 CI: 0.68 - 0.87) (Table 4). Other factors associated with an increased risk of mortality included experiencing status epilepticus within the past 12 months (OR: 2.78 CI: 1.64 - 4.71), depression (OR: 1.67 CI: 1.57 - 1.76), smoking (OR: 1.45 CI: 1.35 - 1.56), injury (OR: 1.54 CI: 1.43 - 1.67), and history of dementia (OR: 1.39 CI: 1.26 - 1.53) and stroke (OR: 1.07 CI: 1.01 - 1.14).

A lower risk of death was associated with seizure freedom in the previous 12 months (OR: 0.52 CI: 0.41 - 0.65).

We found an interaction between having an emergency department visit or emergency admission and injury (OR: 0.59 CI: 0.48 - 0.70).

As the cohort analysis of cause of death revealed epilepsy was a significant contributing factor of the cause of death in young PWE, we repeated the risk factor analysis for PWE aged under 35. Significant risk factors associated with risk of death included emergency department visit (OR: 3.90 CI: 2.44 - 6.23), number of AEDs (No AEDs: 0.42 CI 0.21 - 0.84, 2 AEDs: OR: 1.72 CI : 1.23 - 2.40; 3 AEDs OR: 2.37 CI : 1.52 - 3.67, 4+ AEDs: OR: 2.26 - 6.26), injury (OR: 2.26 - 6.26) and seizure freedom (OR: 2.26 - 6.26).

Table 4. Risk factors Increasing mortality in PWE

		All				Age < 35			
Factor	Group	Controls n (%)	Cases n (%)	Odds Ratio	95% Confidence interval	Controls n (%)	Cases n (%)	Odds Ratio	95% Confidence interval
Emergency department visit or emergency	no	25,712 (94.2)	7,469 (82.1)	reference		875 (95.9)	252 (82.9)	reference	
admission	yes	1,576 (5.8)	1,627 (17.9)	3.48	3.19 - 3.80	37 (4.1)	52 (17.1)	3.90	2.44 – 6.23
Number of AEDs	0	1,667 (6.1)	353 (3.9)	0.77	0.68 - 0.87	107 (11.7)	10 (3.3)	0.42	0.21 - 0.84
prescribed	1	18,768 (68.8)	5,233 (57.5)	reference		480 (52.6)	116 (38.2)	reference	
	2	5,196 (19.0)	2,453 (27.0)	1.60	1.51 - 1.71	196 (21.5)	86 (28.3)	1.72	1.23 - 2.40
	3	1,231 (4.5)	732 (8.0)	2.06	1.86 - 2.29	85 (9.3)	48 (15.8)	2.37	1.52 - 3.67
	4+	426 (1.6)	325 (3.6)	2.62	2.23 - 3.08	44 (4.8)	44 (14.5)	3.76	2.26 - 6.26
Status epilepticus	no	27,261 (99.9)	9,060 (99.6)	reference					
	yes	27 (0.1)	36 (0.4)	2.78	1.64 - 4.71				
Depression	no	21,790 (79.9)	6,158 (67.7)	reference					
	yes	5,498 (20.1)	2,938 (32.3)	1.67	1.57 - 1.76				
Smoking status	Non-smoker	23,904 (87.6)	7,579 (83.3)	reference					
	Smoker	3,384 (12.4)	1,517 (16.7)	1.45	1.35 - 1.56				
Injury	no	24,347 (89.2)	7,579 (83.3)	reference		864 (94.7)	270 (88.8)	reference	
	yes	2,941 (10.8)	1,517 (16.7)	1.54	1.43 - 1.67	48 (5.3)	34 (11.2)	1.99	1.19 – 3.31
Dementia	no	25,698 (94.2)	8,328 (91.6)	reference					
	yes	1,590 (5.8)	768 (8.4)	1.39	1.26 - 1.53				
Stroke	no	21,699 (79.5)	6,960 (76.5)	reference					
	yes	5,589 (20.5)	2,136 (23.5)	1.07	1.01 - 1.14				
Age			1.15	1.11 - 1.19					
Seizure-free in previous	no	25,180 (92.3)	8,611 (94.7)	reference		895 (98.1)	303 (99.7)	reference	
12 months	yes	2,108 (7.7)	485 (5.3)	0.52	0.41 - 0.65	17 (1.9)	1 (0.3)	0.17	0.02 - 1.44
Interaction: emergency d	epartment/ adm	nission x injury		0.59	0.48 - 0.70				

DISCUSSION

We examined the causes of death among PWE and risk factors associated with mortality in a group of PWE derived from primary care data. The number of PWE with recorded deaths increased throughout our 9-year study period while the deaths attributed to epilepsy remained stable. In our model, we found important factors associated with a higher risk of mortality, some of which could be identified and potentially ameliorated by step-up care.

There were differences in the proportion of deaths attributed to epilepsy between younger and older PWE. Studies have found deaths of younger PWE are more often attributed to epilepsy.²¹ ²² Indeed, epilepsy was the third highest main cause of death in younger PWE in our study, accounting for almost 15% of deaths. This increased to 35-50% when evaluating all contributing causes in age groups under 35. As younger PWE tend to have less co-morbidity than older adults, it may be simpler to attribute epilepsy as the main cause of death. New diagnoses of epilepsy in people over 65 are often secondary to cerebrovascular disease such as stroke or neoplasms in the brain.²³ In our study, dementia was found to increase the risk of death, which has been found to share biological links with epilepsy.²⁴ New onset epilepsy in older people tends to be better controlled with AEDs.²⁵ Thus, other co-morbidity may take precedence in older PWE when documenting the cause of death, as epilepsy contributed to only about 10% of deaths and was listed as a main cause in 3%.

Factors associated with increased risk of death

Our findings support evidence from previous studies. Factors associated with risk of mortality in epilepsy included: depression,⁵ ¹⁶ ²⁶ injuries,³ ⁵ ⁹ ¹⁶ ²⁷ dementia and stroke,¹³ ²⁸ age,¹³ and seizure freedom.³ ¹³ ¹⁵ ¹⁶ Novel findings include increased risk associated with emergency department visits and/or emergency admissions, prescription of more than one AED, and status epilepticus. Status epilepticus is a known cause of death,¹³ ²² ²⁹ however, to our knowledge, it has not been included within a risk model before.

For the younger PWE group, emergency visit or emergency admissions, number of AEDs and injury were associated with higher risk of death. While, like the wider-sample, seizure freedom was associated with a lower risk of death.

Clinical Implications

Epilepsy management

The need for better epilepsy management is at the core of our findings. Several risk factors are linked within this theme such as emergency department attendance, polypharmacy, injury, and seizure freedom.

Visits to emergency departments or emergency admissions were associated with a 3-fold increased risk of death, the highest risk in our model. Visits to emergency services are associated with having injuries,³⁰ experiencing a seizure or a change in normal seizure presentation,³¹ and having less confidence in self-management.³² Attendance at emergency departments for epilepsy could thus be considered a surrogate marker for poorer epilepsy control.³³ The National Audit of Seizure management in Hospitals (NASH), conducted during our study period in 2011 and 2013, found 63% of PWE presenting to emergency departments for seizures had not been seen by a specialist in the previous year.³⁴ Moreover only half of attendees were either seen by a neurologist on site or referred to one upon discharge.³⁴ These are missed opportunities to follow-up with patients who may be in need of clinical review and help with self-management, to mitigate their greater risk of death.

Areas for possible intervention

Regular medication review for people on multiple AEDs may be important as increased mortality risk was associated with two or more AEDs. Prescriptions of multiple AEDs may be an effect of having more refractory and harder to control epilepsy. However, polypharmacy may also result in more side-effects and different treatment schedules which could lead to more problems with medication adherence.³⁵

Depression has been reported in about 25% of PWE.^{36 37} In our study, we found 30% of cases and 20% of controls had either a diagnosis of depression or a prescription of anti-depressants. Depression and other psychiatric disorders have been found to be associated with worse quality of life³⁸ and affect self-management.³⁹ Many PWE have said they do not feel their mental health needs are being addressed and thus depression may be underassessed in this patient group.⁴⁰ As the proportion of deaths with psychiatric illness as a main cause increased 2-fold in our study period, psychiatric assessment and management should be provided for people with epilepsy.

Ultimately, the goal of better epilepsy management is seizure reduction or seizure freedom. Seizure freedom was associated with approximately a 50% reduced risk of mortality in our model. Previous findings showed seizure freedom conveyed similar mortality rates for PWE as those observed in the general population.¹⁵

Other factors

We explored lifestyle factors which may be associated with increased mortality and found smoking to be associated with a higher risk. Other findings may be less amenable to change, although some intervention may be helpful. For example, experiencing status epilepticus in the previous 12 months was associated with a higher risk of death. In epilepsy, it is most often associated with low blood levels of AEDs or alcohol misuse.⁴¹ Injury to the brain (trauma, hypoxia, anoxia), tumours, infections and stroke can also trigger status epilepticus and thus it may not be preventable.⁴¹

Strengths and limitations

The CPRD contains data collected from primary care which is vast and increased the generalisability of results as all participating UK practices were included. However, we relied on clinical data which has some limitations as compared to epidemiological studies. It is possible that a small number of cases might have been misclassified as having epilepsy but our case definitions of an epilepsy diagnostic code and AED prescription have been validated and used in previous studies. ¹⁶ ¹⁹ ⁴² Conversely, patients who presented to emergency departments or were managed only by hospital specialists might not have been included.

The quality of information in the CPRD is dependent on data entered by practice staff during consultations for clinical use, not for research purposes. Items not applicable for a patient may be left off, rather than recorded as such. In the case of diagnosis, there is no option for a GP to enter an absence of diagnosis. Missing data in routine primary care databases are not missing at random and thus statistical methods of dealing with missing data, such as multiple imputation, may not be appropriate.^{43 44} For this reason, we interpreted missing data as "no" or "no complication", however we recognise this may be a limitation for some factors. Other limitations include not knowing the cause of injuries or hospital attendance and thus they may be unrelated to epilepsy.

We defined the exposure variables based on previous studies, if available. ^{16 20 45} The CPRD information has been validated for long term-conditions, such as dementia and Alzheimer's disease, and for diagnoses made by hospital consultants. ⁴⁶ As GPs issue prescriptions via electronic systems, the CPRD "therapy data" has been found to be highly accurate for medication variables. ⁴⁷ However, we included

variables which may not have been previously validated such as injury and emergency department visit or emergency admission which is a limitation of this study. We explored other factors such as severe mental illness, self-injury, patient-level index of multiple deprivation, alcohol use, substance use, pregnancy and learning disability. These were found statistically not significant and not included in the final overall model or the under-35 model. We also investigated interactions between variables. While we found a significant interaction between emergency admissions and injuries, we did not find one with status epilepticus. This suggests that status epilepticus might have been under recorded as a reason for emergency department visits, and perhaps entered under a more general "epilepsy" code within GP patient notes. However, these missing episodes of status would be captured by the emergency department admission variable, which was associated with the highest risk of death in our study. We hypothesize that accurate recording of status epilepticus would have further increased its associated risk with mortality.

The time frame of our analysis corresponded to the period where epilepsy was part of the Quality and Outcomes Framework, a programme whereby GPs were contracted to record specific characteristics of their patients with epilepsy. AB In particular, data on drug treatment, seizure frequency and seizure freedom were part of this programme. AB We hypothesized that this would lead to better quality data for epilepsy and strengthen the study. While the data collected may be more complete than years prior, GP practices were less successful in achieving targets for epilepsy compared to other conditions, some of which are more highly rewarded. AB AD Older data may contain outdated diagnoses of epilepsy which may not have been reconfirmed by today's standards, and if in remission, might not have been designated with an epilepsy resolved code. This could lead to missing epilepsy data. However, the strength of the CRPD is the vast data collected from the community setting compared to hospital databases or disease specific registers.

A limitation of our cohort study is the use of linked ONS data, which is only available for consenting individuals from England and Wales. Thus, data was not available for our whole cohort, and findings are not generalisable to Scotland and Northern Ireland. Death certificate data for epilepsy has often been found to be problematic. A 2002 audit of UK data found up to 40% of deaths were attributed to the wrong cause for PWE.⁵⁰ Epilepsy tends to be underestimated as a cause of death^{8 26} and dismissed for other cardiovascular or respiratory explanations.^{21 26 51} Indeed, we found other diseases were listed as primary cause of death which may in fact have been epilepsy. The percentage of deaths with epilepsy as a main cause remained stable throughout our study, suggesting that practice may not have changed during this time.

Research Implications

Our initial risk factor model took into account PWE of all ages. However, as the main causes of death differ between younger and older PWE, risk factors may also be different. Thus, we repeated the analysis including PWE under the age of 35. Fewer of the variables were included in this model with the main differences being in lower ORs for having no AED prescription and being seizure free. The highest excess mortality due to epilepsy has been observed in younger people. This would benefit from more research aiming to identify specific risks in younger PWE, particularly as we found epilepsy contributed to close to 50% of deaths in some younger age groups. We also did not evaluate potential causes of epilepsy, such as whether stroke or tumours preceded an epilepsy diagnosis, and whether this would impact mortality. In addition, the analysis may benefit from being repeated with more recent data from the CPRD and ONS.

CONCLUSION

Several reports, including ours, have shown deaths in epilepsy continue to rise. Epilepsy is deemed a contributing cause of death particularly in young PWE, but less so in those over 65. While epilepsy in older people may be better controlled with AEDs, co-morbidity may mask the impact of epilepsy. We found certain factors are associated with risk of death such as emergency department attendance for epilepsy and admission, AED polytherapy, depression, and injuries. These could be addressed with clinical intervention and more information for self-management.

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AUTHOR CONTRIBUTIONS

GW conducted the study, statistical analysis, and write-up of manuscript. MG contributed to the study design, supported the statistical analysis, and write-up. MA contributed to the study design and write-up. MPR contributed to study design. LR contributed to the study design, interpretation, and write-up of findings.

COMPETING INTERESTS

The authors declare no competing interests.

DATA SHARING STATEMENT

This study uses data that is obtained from the CPRD. Requests for data must be approved via the CPRD's Research Data Governance process (formerly the Independent Scientific Advisory Committee).

ETHICS STATEMENT

This study was approved by the CPRD Independent Scientific Advisory Committee (protocol reference: 17 208R2).

Figure caption

Figure 1. Flowchart of participant selection

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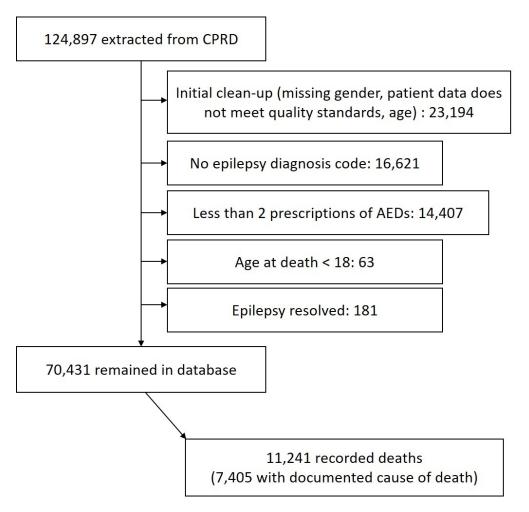


Figure 1. Flowchart of participant selection $173 \times 167 \text{mm} (150 \times 150 \text{ DPI})$

SUPPLEMENTAL FILE 1

Codes used to identify epilepsy in the CPRD

Table S1. Codes used to identify epilepsy in the CPRD

medcode	readcode	readterm
573	F2500	Epilepsy
85113	F250 A	
11186	F250.00	Generalised nonconvulsive epilepsy
2907	F250000	Petit mal (minor) epilepsy
1715	F250011	Epileptic absences
24309	F250200	Epileptic seizures - atonic
31830	F250300	Epileptic seizures - akinetic
34792	F250500	Lennox-Gastaut syndrome
		Other specified generalised nonconvulsive
59185	F250y00	epilepsy
44252	F250z00	Generalised nonconvulsive epilepsy NOS
26144	F251.00	Generalised convulsive epilepsy
95216	F2510	
988	F251000	Grand mal (major) epilepsy
22804	F251011	Tonic-clonic epilepsy
49340	F251111	Otohara syndrome
18471	F251200	Epileptic seizures - clonic
4801	F251300	Epileptic seizures - myoclonic
5152	F251400	Epileptic seizures - tonic
8187	F251500	Tonic-clonic epilepsy
		Other specified generalised convulsive
45927	F251y00	epilepsy
40806	F251z00	Generalised convulsive epilepsy NOS
9886	F252.00	Petit mal status
5117	F253.00	Grand mal status
4093	F253.11	Status epilepticus
		Partial epilepsy with impairment of
32288	F254.00	consciousness
3175	F254000	Temporal lobe epilepsy
23634	F254100	Psychomotor epilepsy
36203	F254200	Psychosensory epilepsy
55665	F254300	Limbic system epilepsy
34079	F254400	Epileptic automatism
11394	F254500	Complex partial epileptic seizure
		Partial epilepsy with impairment of
31920	F254z00	consciousness NOS
26015	E355 00	Partial epilepsy without impairment of
26015	F255.00	consciousness
9569	F255000	Jacksonian, focal or motor epilepsy
5525	F255011	Focal epilepsy
65699	F255012	Motor epilepsy

48134	F255100	Sensory induced epilepsy
73542	F255300	Visceral reflex epilepsy
98870	F255311	Partial epilepsy with autonomic symptoms
55739	F255400	Visual reflex epilepsy
68946	F255500	Unilateral epilepsy
40105	F255600	Simple partial epileptic seizure
		Partial epilepsy without impairment of
26733	F255y00	consciousness OS
		Partial epilepsy without impairment of
27526	F255z00	consciousness NOS
71719	F257.00	Kojevnikov's epilepsy
30604	F25B.00	Alcohol-induced epilepsy
30816	F25C.00	Drug-induced epilepsy
56359	F25D.00	Menstrual epilepsy
65673	F25E.00	Stress-induced epilepsy
30635	F25F.00	Photosensitive epilepsy
106571	F25H.00	Generalised seizure
6271	F25X.00	Status epilepticus, unspecified
38307	F25y.00	Other forms of epilepsy
55260	F25y000	Cursive (running) epilepsy
53483	F25y100	Gelastic epilepsy
		Locl-rlt(foc)(part)idiop epilep&epilptic syn
9887	F25y200	seiz locl onset
25330	F25y300	Complex partial status epilepticus
96641	F25y500	Panayiotopoulos syndrome
9979	F25yz00	Other forms of epilepsy NOS
9747	F25z.00	Epilepsy NOS
3607	F25z.11	Fit (in known epileptic) NOS
		[X]Other generalized epilepsy and epileptic
99731	Fyu5000	syndromes
69831	Fyu5100	[X]Other epilepsy
59120	Fyu5200	[X]Other status epilepticus
71801	Fyu5900	[X]Status epilepticus, unspecified
4109	SC20000	Traumatic epilepsy
37644	F132100	Progressive myoclonic epilepsy

Definition of variables

Lists of Medcodes and corresponding Read codes used for each variable can be found in Supplemental file 2. An initial list of Read codes was created for each variable, either based on previous research or by searching specific words in a Read code browser. Medcodes were matched to the Read code list using the CPRD Medical Dictionary. An additional search of the Medcodes was conducted to ensure all appropriate codes were used. Medcodes were used during the analysis in STATA as these are numeric codes. For variables using medication data, lists of prodcodes were generated by searching the CPRD product code list, which lists prodcodes against British National Formulary (BNF) information.

• Age: For cases: age = year of death – year of birth. For matched controls: age = year of death of the matched case – year of birth.

For epilepsy related factors (ie. Relating to seizures and treatment) and lifestyle factors, data from the CPRD was used from the date of death of the matched case up to 12 months prior. These variables are listed below:

- Emergency department visit or emergency admission: Emergency admissions or visits to emergency centres were identified from "Clinical data" from CPRD. These included keywords: seen by emergency clinician, in accident and emergency, emergency admission. A full list is available in Supplemental File 2.
- Number of antiepileptic drugs (AEDs): Number of different types of AEDs prescribed in 12 months were grouped into categories: 0, 1, 2, 3 and "4 or more". Product codes ("Prodcode") were used from "Therapy data" to identify AEDs in the CPRD. A full list of Prodcodes and corresponding definitions is available in Supplemental File 2.
- Status epilepticus: recorded status epilepticus code in previous 12 months (medcode: 4093; readcode: F253.11) clinical CPRD data.¹
- Depression: the variable was coded as either a documented diagnostic medcode related to
 "depression" from "Clinical data" or a prescription of antidepressants from "Therapy data"
 in the previous 12 months. Antidepressants were identified through their product codes
 (prodcode) from therapy data. A list of medcodes for depression and prodcodes for
 antidepressants can be found in Supplemental File 2.
- Smoking status: Data was coded from medcodes related to smoking or smoking cessation interventions from "Clinical data" and overall smoking status if available in the CPRD "Additional Files". For any patients that did not have a smoking status recording in the 12-month data period, the last known recording from clinical data was used, as previously described by Booth et al.² The list of medcodes and readcodes used to identify smoking status can be found in Supplemental File 2.
- Injury: any injury documented in "Clinical data" was used. A list of medcodes from clinical CPRD data included: injuries, fractures, dislocations, burns, bruising, contusions, lacerations, abrasions, concussions and wounds. A full list of medcodes and corresponding Read codes can be found in Supplemental File 2.
- **Seizure freedom**: recoded seizure freedom for > 12 months (medcode: 11015; readcode: 667F.00) in "Clinical data" from CPRD.¹

For co-morbidity, data coded for patient's lifetime (within start and end dates with acceptable quality data recording):

• **Dementia**: code list included any medcodes for "dementia" and "Alzheimer's" in patient history from "Clinical data" in the CPRD. The list of medcodes and corresponding Read codes can be found in Supplemental File 2.

• **Stroke**: code list included stroke, cerebral ischemia/arterial occlusion/haemorrhage/infarction. embolism in patient history from "Clinical data" in the CPRD. The list of medcodes and corresponding Read codes can be found in Supplemental File 2.



Table S2. Main cause of death of PWE registered in the CPRD between 2005 – 2013 by year

ICD-10 category (ICD-10 code)	2005 (%)	2006 (%)	2007 (%)	2008 (%)	2009 (%)	2010 (%)	2011 (%)	2012 (%)	2013 (%)
Epilepsy (G40-G41)	6.3	6.3	5.9	6.1	5.7	6.2	5.2	7.1	5.2
Certain infectious and parasitic diseases (A00-B99)	1.0	1.6	1.1	1.0	0.7	0.9	0.5	1.2	0.5
Neoplasms (C00-D48)	20.9	19.4	17.6	19.6	19.0	18.1	21.8	21.4	20.9
Diseases of the blood and blood-forming organs (D50-D89)	0.6	0.0	0.4	0.3	0.1	0.0	0.2	0.3	0.3
Endocrine, nutritional and metabolic diseases (E00-E90)	1.5	1.7	1.7	1.1	1.6	1.7	1.1	1.0	1.1
Mental and behavioural disorders (F00-F99)	4.6	3.8	5.8	5.0	6.6	4.5	10.7	10.9	10.5
Diseases of the nervous system (G00-G37, G43-G99)	4.6	5.1	5.1	6.0	7.5	5.5	7.3	5.6	7.2
Diseases of the circulatory system (100-199)	33.8	35.1	34.0	34.0	31.3	33.1	28.3	26.8	28.1
Diseases of the respiratory system (J00-J99)	12.9	16.3	14.7	13.6	13.0	14.5	12.6	12.7	12.5
Diseases of the digestive system (K00-KK93)	3.8	3.3	4.3	4.6	4.1	4.8	4.9	4.9	5.0
Diseases of the skin and subcutaneous tissue (L00-L99)	0.0	0.1	0.5	0.3	0.4	0.3	0.1	0.0	0.1
Diseases of the musculoskeletal system and connective tissue (M00-M99)	0.4	0.0	0.8	0.3	1.2	0.2	0.7	0.4	0.8
Diseases of the genitourinary system (N00-N99)	2.9	2.5	2.4	1.8	2.8	3.1	0.7	2.1	1.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1.5	1.5	1.1	1.5	1.6	0.9	0.8	0.8	1.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1.5	1.3	1.8	1.7	1.0	2.3	1.7	1.8	1.0
External causes of morbidity and mortality (V01-X59, X85-Y98)	3.3	1.6	2.6	2.8	3.1	3.1	3.2	2.6	3.5
External causes of morbidity and mortality (intentional) (X60-X84)	0.4	0.4	0.1	0.4	0.4	0.8	0.2	0.3	1.0
Total (n)	521	687	761	785	836	874	886	956	987

References

- 1. Ridsdale L, Charlton J, Ashworth M, et al. Epilepsy mortality and risk factors for death in epilepsy: a population-based study. *Br J Gen Pract* 2011;61(586):e271-8. doi: 10.3399/bjgp11X572463
- 2. Booth HP, Prevost AT, Gulliford MC. Validity of smoking prevalence estimates from primary care electronic health records compared with national population survey data for England, 2007 to 2011. *Pharmacoepidemiol Drug Saf* 2013;22(12):1357-61. doi: 10.1002/pds.3537



medcode readcode 33707 E00..00 1916 E00..11 1350 E00..12 7323 E000.00 15165 E001.00 42602 E001000 49513 E001100 30032 E001200 27677 E001300 38438 E001z00 44674 E002.00 18386 E002000 21887 E002100 41089 E002z00 37015 E003.00 7664 Eu00.00 49263 Eu00000 25704 Eu00011 60059 Eu00012 61528 Eu00013 38678 Eu00100 46762 Eu00111 11379 Eu00112 43346 Eu00113 30706 Eu00200 29386 Eu00z00 4693 Eu02z00 48501 Eu02z11 4357 Eu02z14 104155 1JA2.00 1917 F110.00 16797 F110000

32057 F110100

92341 R20z.00

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dementia with depressive or paranoid features NOS

dementia with delirium

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readterm Cerebral infarct due to thrombosis of precerebral arteries Cerebral infarction due to embolism of precerebral arteries Precerebral artery occlusion NOS Cerebral arterial occlusion CVA - cerebral artery occlusion Infarction - cerebral Stroke due to cerebral arterial occlusion Cerebral thrombosis Cerebral infarction due to thrombosis of cerebral arteries Cerebral embolism Cerebral embolus Cerebral infarction due to embolism of cerebral arteries Cerebral infarction NOS **Brainstem infarction NOS** Cerebellar infarction Brainstem infarction Subendocardial ischaemia Transient cerebral ischaemia Transient cerebral ischaemia NOS Transient cerebral ischaemia NOS Intermittent cerebral ischaemia Chronic cerebral ischaemia H/O: Stroke in last year Suspected stroke H/O: stroke Stroke unspecified Stroke due to intracerebral haemorrhage Left sided cerebral infarction Right sided cerebral infarction Infarction of basal ganglia Transient ischaemic attack Other transient cerebral ischaemia Stroke and cerebrovascular accident unspecified CVA unspecified CVA - Cerebrovascular accident unspecified Brain stem stroke syndrome Cerebellar stroke syndrome Left sided CVA Right sided CVA Seguelae of cerebral infarction Sequelae of subarachnoid haemorrhage

Sequelae of cerebral infarction
Sequelae of subarachnoid haemorrhage
Sequelae of intracerebral haemorrhage
Sequelae of other nontraumatic intracranial haemorrhage
Sequelae/other + unspecified cerebrovascular diseases
Sequelae of stroke,not specfd as h'morrhage or infarction
Cereb infarct due unsp occlus/stenos precerebr arteries
Cerebrl infarctn due/unspcf occlusn or sten/cerebrl artrs
Infarction - precerebral

Cerebrovascular disease

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Subarachnoid haemorrhage Ruptured berry aneurysm Subarachnoid haemorrhage from carotid siphon and bifurcation Subarachnoid haemorrhage from middle cerebral artery Subarachnoid haemorrhage from anterior communicating artery Subarachnoid haemorrhage from posterior communicating artery Subarachnoid haemorrhage from basilar artery Subarachnoid haemorrhage from vertebral artery Subarachnoid haemorrh from intracranial artery, unspecif Subarachnoid haemorrhage NOS Intracerebral haemorrhage CVA - cerebrovascular accid due to intracerebral haemorrhage Cortical haemorrhage Internal capsule haemorrhage Basal nucleus haemorrhage Cerebellar haemorrhage Pontine haemorrhage Bulbar haemorrhage External capsule haemorrhage Intracerebral haemorrhage, intraventricular Intracerebral haemorrhage, multiple localized Lobar cerebral haemorrhage Intracerebral haemorrhage in hemisphere, unspecified Left sided intracerebral haemorrhage, unspecified Right sided intracerebral haemorrhage, unspecified Intracerebral haemorrhage NOS Other and unspecified intracranial haemorrhage Extradural haemorrhage - nontraumatic Subdural haemorrhage - nontraumatic Subdural haematoma - nontraumatic Subdural haemorrhage NOS Intracranial haemorrhage NOS

edcode	readcode	readterm
16632	E291.00	Prolonged depressive reaction
15099	E113.00	Recurrent major depressive episode
10610	E112.00	Single major depressive episode
11717	Eu32000	[X]Mild depressive episode
15219	E112300	Single major depressive episode, severe, without psychosis
10438	1B1U.11	Depressive symptoms
6546	E112.12	Endogenous depression first episode
595	E112.14	Endogenous depression
14709	E113200	Recurrent major depressive episodes, moderate
6950	E112.13	Endogenous depression first episode
6932	E113.11	Endogenous depression - recurrent
9667	Eu32200	[X]Severe depressive episode without psychotic symptoms
5879	E112.11	Agitated depression
4323	E2B1.00	Chronic depression
11913	Eu41200	[X]Mixed anxiety and depressive disorder
1908	2257	O/E - depressed
1131	E204.00	Neurotic depression reactive type
34390	E112000	Single major depressive episode, unspecified
543	Eu32z11	[X]Depression NOS
25697	E113300	Recurrent major depressive episodes, severe, no psychosis
2716	1465	H/O: depression
16506	E112100	Single major depressive episode, mild
7011	E112z00	Single major depressive episode NOS
9211	Eu32100	[X]Moderate depressive episode
6482	E113700	Recurrent depression
655	E200300	Anxiety with depression
25563	E113z00	Recurrent major depressive episode NOS
8851	Eu33.11	[X]Recurrent episodes of depressive reaction
29342	E113100	Recurrent major depressive episodes, mild
324	E2B00	Depressive disorder NEC
15155	E112200	Single major depressive episode, moderate
1055	E135.00	Agitated depression
10290	Eu34112	[X]Depressive personality disorder
36246	E290z00	Brief depressive reaction NOS
35671	E113000	Recurrent major depressive episodes, unspecified
107657	115X.00	No history of depression

prodcode productname 40295 Valdoxan 25mg tablets (Servier Laboratories Ltd) 40494 Agomelatine 25mg tablets 182 Tryptizol 10mg/ml Injection (Merck Sharp & Dohme Ltd) 19779 Amitriptyline 10mg/ml injection 34503 Amitriptyline 25mg tablets (IVAX Pharmaceuticals UK Ltd) 45233 Amitriptyline 10mg tablets (IVAX Pharmaceuticals UK Ltd) 46970 Amitriptyline 50mg tablets (IVAX Pharmaceuticals UK Ltd) 65439 Amitriptyline 25mg tablets (Sandoz Ltd) 2525 Amitriptyline 75mg modified-release capsules 3777 Amitriptyline 10mg/5ml sugar free oral solution 7751 Tryptizol 25mg Tablet (Merck Sharp & Dohme Ltd) 8332 Tryptizol 50mg Tablet (Merck Sharp & Dohme Ltd) 8726 Tryptizol 10mg Tablet (Merck Sharp & Dohme Ltd) 8831 Tryptizol mr 75mg Modified-release capsule (Merck Sharp & Dohme Ltd) 8878 Tryptizol 10mg/5ml sugar free Oral solution (Merck Sharp and Dohme Ltd) 20026 Domical 25mg Tablet (Berk Pharmaceuticals Ltd) 22070 Amitriptyline 10mg/5ml Oral solution (Rosemont Pharmaceuticals Ltd) 24680 Elavil 10mg Tablet (DDSA Pharmaceuticals Ltd) 26213 Domical 10mg Tablet (Berk Pharmaceuticals Ltd) 27008 Domical 50mg Tablet (Berk Pharmaceuticals Ltd) 32439 Amitriptyline 25mg Tablet (Sussex Pharmaceutical Ltd) 34197 Amitriptyline 25mg Tablet (Berk Pharmaceuticals Ltd) 34474 Amitriptyline 25mg Tablet (Regent Laboratories Ltd) 34916 Amitriptyline 10mg Tablet (Berk Pharmaceuticals Ltd) 40396 Amitriptyline 50mg Tablet (Berk Pharmaceuticals Ltd) 41729 Amitriptyline 25mg Tablet (Celltech Pharma Europe Ltd) 42394 Amitriptyline 25mg Tablet (Crosspharma Ltd) 45242 Amitriptyline 10mg Tablet (Sussex Pharmaceutical Ltd) 48065 Amitriptyline oral solution 49 Amitriptyline 25mg tablets 83 Amitriptyline 10mg tablets 1888 Amitriptyline 50mg tablets 4690 Amitriptyline 50mg/5ml oral solution sugar free 6312 Amitriptyline 25mg/5ml oral solution sugar free 24134 Amitriptyline 25mg tablets (Kent Pharmaceuticals Ltd) 24141 Amitriptyline 10mg tablets (Actavis UK Ltd) 24145 Amitriptyline 25mg tablets (Actavis UK Ltd) 24147 Amitriptyline 25mg tablets (Teva UK Ltd) 24152 Amitriptyline 10mg tablets (Teva UK Ltd) 33090 Amitriptyline 10mg tablets (A A H Pharmaceuticals Ltd) 33624 Amitriptyline 50mg tablets (Teva UK Ltd) 34107 Amitriptyline 50mg tablets (Wockhardt UK Ltd) 34129 Amitriptyline 25mg tablets (Wockhardt UK Ltd) 34182 Amitriptyline 50mg tablets (Kent Pharmaceuticals Ltd) 34224 Amitriptyline 25mg/5ml oral solution sugar free (Rosemont Pharmaceuticals Ltd) 34251 Amitriptyline 50mg/5ml oral solution sugar free (Rosemont Pharmaceuticals Ltd) 34274 Amitriptyline 50mg tablets (A A H Pharmaceuticals Ltd) 34401 Amitriptyline 10mg tablets (Wockhardt UK Ltd) 34634 Amitriptyline 50mg tablets (Actavis UK Ltd)

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22 Fluoxetine 20mg capsules 252 Prozac 20mg/5ml liquid (Eli Lilly and Company Ltd) 418 Prozac 20mg capsules (Eli Lilly and Company Ltd) 2548 Fluoxetine 20mg/5ml oral solution 4075 Fluoxetine 60mg capsules 4907 Prozac 60mg capsules (Eli Lilly and Company Ltd) 14740 Oxactin 20mg capsules (Discovery Pharmaceuticals) 19183 Fluoxetine 20mg capsules (A A H Pharmaceuticals Ltd) 19470 Fluoxetine 20mg capsules (Ranbaxy (UK) Ltd) 29786 Ranflutin 20mg capsules (Ranbaxy (UK) Ltd) 30258 Fluoxetine 20mg/5ml oral solution (Teva UK Ltd) 33071 Felicium 20mg capsules (Opus Pharmaceuticals Ltd) 33410 Fluoxetine 20mg capsules (Zentiva) 33779 Prozit 20mg/5ml oral solution (Pinewood Healthcare) 34202 Fluoxetine 20mg capsules (Genus Pharmaceuticals Ltd) 34216 Fluoxetine 20mg/5ml oral solution (A A H Pharmaceuticals Ltd) 34288 Fluoxetine 20mg capsules (Mylan Ltd) 34294 Fluoxetine 20mg capsules (IVAX Pharmaceuticals UK Ltd) 34456 Fluoxetine 20mg capsules (Teva UK Ltd) 34849 Fluoxetine 20mg capsules (Tillomed Laboratories Ltd) 34856 Fluoxetine 60mg capsules (Mylan Ltd) 36893 Fluoxetine 20mg/5ml oral solution sugar free 37256 Prozep 20mg/5ml oral solution (Chemidex Pharma Ltd) 38890 Fluoxetine 20mg Capsule (Milpharm Ltd) 42107 Fluoxetine 20mg capsules (Niche Generics Ltd) 42499 Fluoxetine 10mg tablets 42803 Fluoxetine 20mg/5ml oral solution (IVAX Pharmaceuticals UK Ltd) 45224 Fluoxetine 20mg capsules (Sandoz Ltd) 45247 Fluoxetine 20mg capsules (Fannin UK Ltd) 45316 Fluoxetine 20mg capsules (Wockhardt UK Ltd) 45329 Fluoxetine 20mg capsules (Actavis UK Ltd) 48220 Prozac 20mg capsules (Lexon (UK) Ltd) 57532 Prozac 20mg capsules (Waymade Healthcare Plc) 59358 Fluoxetine 20mg capsules (Milpharm Ltd) 60534 Fluoxetine 20mg dispersible tablets sugar free 60619 Fluoxetine 20mg/5ml oral solution (Kent Pharmaceuticals Ltd) 60962 Fluoxetine 20mg capsules (Alliance Healthcare (Distribution) Ltd) 61335 Prozac 20mg capsules (Mawdsley-Brooks & Company Ltd) 62155 Fluoxetine 20mg capsules (Phoenix Healthcare Distribution Ltd) 62335 Olena 20mg dispersible tablets (AMCo) 600 Flupentixol 1mg tablets 2275 Flupentixol 500microgram tablets 3951 Fluanxol 1mg tablets (Lundbeck Ltd) 3953 Fluanxol 500microgram tablets (Lundbeck Ltd) 50592 Fluanxol 1mg tablets (Sigma Pharmaceuticals Plc) 59593 Fluanxol 500microgram tablets (Lexon (UK) Ltd) 2290 Fluvoxamine 100mg tablets

2880 Fluvoxamine 50mg tablets

2897 Faverin 50mg tablets (BGP Products Ltd)

12123 Faverin 100mg tablets (BGP Products Ltd)

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66580 Mirtazapine 15mg orodispersible tablets (Bluefish Pharmaceuticals AB) 9534 Nefazodone Starter pack 3391 Dutonin 100mg tablets (Bristol-Myers Squibb Pharmaceuticals Ltd) 4011 Nefazodone 200mg tablets 4297 Dutonin 200mg tablets (Bristol-Myers Squibb Pharmaceuticals Ltd) 4554 Nefazodone 100mg tablets 3183 Nortriptyline 10mg tablets 7677 Allegron 10mg tablets (King Pharmaceuticals Ltd) 8640 Allegron 25mg tablets (King Pharmaceuticals Ltd) 4118 Nortriptyline 10mg Capsule 7678 Nortriptyline 25mg Capsule 12353 Aventyl 25mg Capsule (Eli Lilly and Company Ltd) 12549 Aventyl 10mg/5ml Liquid (Eli Lilly and Company Ltd) 17183 Aventyl 10mg Capsule (Eli Lilly and Company Ltd) 39145 Nortriptyline 10mg/5ml Liquid 3903 Nortriptyline 25mg tablets 48216 Nortriptyline 25mg tablets (A A H Pharmaceuticals Ltd) 55970 Nortriptyline 10mg tablets (King Pharmaceuticals Ltd) 63276 Nortriptyline 25mg tablets (Alliance Healthcare (Distribution) Ltd) 65237 Nortriptyline 10mg tablets (A A H Pharmaceuticals Ltd) 66201 Nortriptyline 25mg tablets (Sigma Pharmaceuticals Plc) 20571 Fluphenazine with nortriptyline 500microgramswith10mg Tablet 50 Paroxetine 20mg tablets 527 Paroxetine 10mg/5ml oral suspension sugar free 841 Seroxat 20mg tablets (GlaxoSmithKline UK Ltd) 1397 Paroxetine 30mg tablets 1575 Seroxat 30mg tablets (GlaxoSmithKline UK Ltd) 3601 Seroxat 20mg/10ml liquid (GlaxoSmithKline UK Ltd) 32899 Paroxetine 20mg tablets (Actavis UK Ltd) 33978 Paroxetine 20mg tablets (Mylan Ltd) 34351 Paroxetine 20mg tablets (IVAX Pharmaceuticals UK Ltd) 34419 Paroxetine 20mg tablets (A A H Pharmaceuticals Ltd) 34587 Paroxetine 30mg tablets (A A H Pharmaceuticals Ltd) 35021 Paroxetine 10mg tablets 35112 Seroxat 10mg tablets (GlaxoSmithKline UK Ltd) 40165 Paroxetine 30mg tablets (Actavis UK Ltd) 40892 Paroxetine 20mg tablets (Genus Pharmaceuticals Ltd) 55023 Paroxetine 20mg tablets (Medreich Plc) 55537 Seroxat 30mg tablets (Lexon (UK) Ltd) 59288 Paroxetine 10mg tablets (Actavis UK Ltd) 64785 Paroxetine 30mg tablets (Alliance Healthcare (Distribution) Ltd) 66292 Seroxat 10mg tablets (Waymade Healthcare Plc) 63069 Rewisca 75mg capsules (Consilient Health Ltd) 63088 Rewisca 50mg capsules (Consilient Health Ltd) 63089 Rewisca 300mg capsules (Consilient Health Ltd) 63090 Rewisca 150mg capsules (Consilient Health Ltd) 63091 Rewisca 100mg capsules (Consilient Health Ltd) 63174 Rewisca 200mg capsules (Consilient Health Ltd)

63300 Rewisca 25mg capsules (Consilient Health Ltd)

63317 Rewisca 225mg capsules (Consilient Health Ltd)

63877 Pregabalin 50mg capsules (A A H Pharmaceuticals Ltd) 63964 Alzain 25mg capsules (Dr Reddy's Laboratories (UK) Ltd) 63965 Alzain 100mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64005 Pregabalin 100mg capsules (A A H Pharmaceuticals Ltd) 64037 Alzain 300mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64038 Alzain 225mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64039 Alzain 150mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64040 Alzain 75mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64041 Alzain 50mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64042 Alzain 200mg capsules (Dr Reddy's Laboratories (UK) Ltd) 65069 Pregabalin 75mg capsules (Teva UK Ltd) 65073 Pregabalin 25mg capsules (Teva UK Ltd) 65218 Lecaent 50mg capsules (Actavis UK Ltd) 790 Pregabalin 25mg capsules 819 Pregabalin 75mg capsules 6631 Pregabalin 150mg capsules 6936 Pregabalin 50mg capsules 6949 Pregabalin 200mg capsules 6999 Pregabalin 100mg capsules 7005 Pregabalin 300mg capsules 37801 Pregabalin 225mg capsules 55972 Pregabalin 150mg/5ml oral solution 60543 Pregabalin 75mg/5ml oral solution 64285 Pregabalin 150mg/5ml oral suspension 65606 Pregabalin 50mg capsules (Accord Healthcare Ltd) 65787 Pregabalin 50mg capsules (Sandoz Ltd) 66509 Pregabalin 75mg capsules (Zentiva) 6584 Lyrica 75mg capsules (Pfizer Ltd) 7208 Lyrica 100mg capsules (Pfizer Ltd) 7209 Lyrica 50mg capsules (Pfizer Ltd) 7394 Lyrica 200mg capsules (Pfizer Ltd) 10189 Lyrica 300mg capsules (Pfizer Ltd) 16509 Lyrica 150mg capsules (Pfizer Ltd) 16542 Lyrica 25mg capsules (Pfizer Ltd) 38293 Lyrica 225mg capsules (Pfizer Ltd) 48253 Lyrica 150mg capsules (Lexon (UK) Ltd) 52547 Lyrica 50mg capsules (Waymade Healthcare Plc) 64497 Lyrica 75mg capsules (Waymade Healthcare Plc) 64568 Lyrica 150mg capsules (Sigma Pharmaceuticals Plc) 65863 Lyrica 75mg capsules (Stephar (U.K.) Ltd) 60929 Protriptyline 5mg tablets 7755 Concordin 10 Tablet (Merck Sharp & Dohme Ltd) 7756 Protriptyline 5mg tablet 7816 Concordin 5 Tablet (Merck Sharp & Dohme Ltd) 11187 Protriptyline 10mg tablet 2356 Reboxetine 4mg tablets 15163 Edronax 4mg tablets (Pfizer Ltd) 65771 Sertraline 200mg/5ml oral suspension (Special Order)

488 Sertraline 50mg tablets

727 Sertraline 100mg tablets

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1612 Lustral 50mg tablets (Pfizer Ltd) 4352 Lustral 100mg tablets (Pfizer Ltd) 7328 Sertraline 50mg/5ml oral suspension 32401 Sertraline 50mg tablets (A A H Pharmaceuticals Ltd) 42387 Sertraline 50mg tablets (Actavis UK Ltd) 44944 Sertraline 100mg tablets (Teva UK Ltd) 45915 Sertraline 50mg tablets (Almus Pharmaceuticals Ltd) 49519 Sertraline 100mg/5ml oral suspension 54826 Sertraline 150mg/5ml oral suspension 54933 Sertraline 100mg tablets (PLIVA Pharma Ltd) 55146 Sertraline 100mg tablets (A A H Pharmaceuticals Ltd) 55488 Sertraline 50mg tablets (Teva UK Ltd) 58664 Sertraline 50mg tablets (Mylan Ltd) 58723 Sertraline 50mg tablets (Accord Healthcare Ltd) 59600 Sertraline 100mg tablets (Almus Pharmaceuticals Ltd) 61503 Sertraline 100mg tablets (Actavis UK Ltd) 62692 Sertraline 100mg tablets (Bristol Laboratories Ltd) 62693 Sertraline 50mg tablets (Bristol Laboratories Ltd) 62819 Sertraline 12.5mg/5ml oral suspension 62927 Sertraline 50mg tablets (Wockhardt UK Ltd) 62950 Sertraline 100mg tablets (Accord Healthcare Ltd) 63481 Sertraline 50mg tablets (Aurobindo Pharma Ltd) 66413 Sertraline 100mg tablets (Ranbaxy (UK) Ltd) 66560 Sertraline 100mg tablets (Mylan Ltd) 1730 Trazodone 100mg capsules 3355 Trazodone 50mg capsules 4003 Molipaxin 150mg tablets (Zentiva) 4020 Trazodone 150mg tablets 4194 Molipaxin 100mg capsules (Zentiva) 4874 Molipaxin 50mg capsules (Zentiva) 6442 Trazodone 50mg/5ml oral solution sugar free 8174 Molipaxin 50mg/5ml oral liquid (Sanofi) 19181 Trazodone 100mg capsules (Mylan Ltd) 29339 Trazodone 50mg capsules (Mylan Ltd) 29857 Trazodone 150mg tablets (Teva UK Ltd) 30983 Trazodone 150mg tablets (Mylan Ltd) 34003 Trazodone 50mg capsules (A A H Pharmaceuticals Ltd) 34421 Trazodone 50mg capsules (Zentiva) 34470 Trazodone 150mg tablets (Zentiva) 34580 Trazodone 100mg capsules (A A H Pharmaceuticals Ltd) 41609 Trazodone 50mg capsules (Teva UK Ltd) 41709 Trazodone 100mg capsules (Teva UK Ltd) 41710 Trazodone 100mg capsules (Zentiva) 55137 Trazodone 150mg/5ml oral suspension 57226 Trazodone 25mg/5ml oral suspension 59931 Trazodone 50mg/5ml oral solution sugar free (A A H Pharmaceuticals Ltd) 61657 Trazodone 75mg/5ml oral solution 65152 Trazodone 100mg/5ml oral solution 2039 Trimipramine 25mg tablets 2531 Surmontil 50mg capsules (Sanofi)

2532 Surmontil 25mg tablets (Sanofi) 3196 Trimipramine 50mg capsules 4310 Trimipramine 10mg tablets 8928 Surmontil 10mg tablets (Sanofi) 42228 Trimipramine 10mg tablets (A A H Pharmaceuticals Ltd) 45226 Trimipramine 25mg tablets (A A H Pharmaceuticals Ltd) 53808 Trimipramine 10mg tablets (Phoenix Healthcare Distribution Ltd) 57978 Trimipramine 25mg tablets (Waymade Healthcare Plc) 65445 Trimipramine 50mg capsules (A A H Pharmaceuticals Ltd) 66493 Trimipramine 25mg/5ml oral suspension 4422 Tryptophan 500mg tablets 5611 Optimax 500mg tablets (Intrapharm Laboratories Ltd) 12221 Pacitron 500mg Tablet (Rorer Pharmaceuticals Ltd) 20504 Optimax wv Tablet (E. Merck) 301 Venlafaxine 37.5mg tablets 470 Venlafaxine 75mg modified-release capsules 623 Efexor 37.5mg tablets (Wyeth Pharmaceuticals) 1222 Venlafaxine 75mg tablets 1474 Efexor XL 75mg capsules (Pfizer Ltd) 2654 Venlafaxine 150mg modified-release capsules 5710 Efexor XL 150mg capsules (Pfizer Ltd) 9182 Efexor 75mg tablets (Wyeth Pharmaceuticals) 13237 Venlafaxine 37.5mg/5ml oral suspension 39359 Venlafaxine 75mg modified-release tablets 39360 Venlafaxine 150mg modified-release tablets 39770 Tifaxin XL 75mg capsules (Genus Pharmaceuticals Ltd) 39809 Tifaxin XL 150mg capsules (Genus Pharmaceuticals Ltd) 40048 ViePax XL 75mg tablets (Dexcel-Pharma Ltd) 40049 ViePax XL 150mg tablets (Dexcel-Pharma Ltd) 40054 Venlafaxine 225mg modified-release tablets 40059 Venlalic XL 75mg tablets (DB Ashbourne Ltd) 40062 Venlalic XL 150mg tablets (DB Ashbourne Ltd) 40092 Vensir XL 150mg capsules (Morningside Healthcare Ltd) 40277 Vensir XL 75mg capsules (Morningside Healthcare Ltd) 40407 Venlalic XL 225mg tablets (DB Ashbourne Ltd) 40514 Venaxx XL 150mg capsules (AMCo) 40515 Venaxx XL 75mg capsules (AMCo) 40517 Vexarin XL 150mg capsules (Mylan Ltd) 40764 ViePax 37.5mg tablets (Dexcel-Pharma Ltd) 40815 Tardcaps XL 75mg capsules (IXL Pharma Ltd) 40817 Tardcaps XL 150mg capsules (IXL Pharma Ltd) 40917 ViePax 75mg tablets (Dexcel-Pharma Ltd) 41033 Rodomel XL 75mg capsules (Teva UK Ltd) 41299 Politid XL 75mg capsules (Actavis UK Ltd) 41314 Rodomel XL 150mg capsules (Teva UK Ltd) 42600 Vexarin XL 75mg capsules (Mylan Ltd) 43203 Venlafaxine 75mg modified-release capsules (Sandoz Ltd) 43334 Venlafaxine 150mg modified-release capsules (Sandoz Ltd) 43673 Politid XL 150mg capsules (Actavis UK Ltd)

43968 Foraven XL 75mg capsules (Forum Products Ltd)

44936 Venlaneo XL 150mg capsules (Kent Pharmaceuticals Ltd) 44937 Venlaneo XL 75mg capsules (Kent Pharmaceuticals Ltd) 45664 Depefex XL 150mg capsules (Chiesi Ltd) 45806 Venlafaxine 37.5mg modified-release tablets 45818 Venlalic XL 37.5mg tablets (DB Ashbourne Ltd) 45959 Depefex XL 75mg capsules (Chiesi Ltd) 48199 Ranfaxine XL 75mg capsules (Ranbaxy (UK) Ltd) 49511 Venlablue XL 75mg capsules (Bluefish Pharmaceuticals AB) 50081 Venlablue XL 150mg capsules (Bluefish Pharmaceuticals AB) 50934 Venlafaxine 150mg/5ml oral solution 51280 Efexor XL 150mg capsules (Waymade Healthcare Plc) 51361 Venlafaxine 37.5mg tablets (Ranbaxy (UK) Ltd) 52074 Alventa XL 75mg capsules (Consilient Health Ltd) 52516 Alventa XL 150mg capsules (Consilient Health Ltd) 52716 Tonpular XL 75mg capsules (Wockhardt UK Ltd) 53326 Venlafaxine 75mg/5ml oral solution 55424 Venlafaxine 55501 Venlafaxine 150mg Modified-release capsule (Hillcross Pharmaceuticals Ltd) 56457 Venlafaxine 75mg tablets (Teva UK Ltd) 56662 Venlafaxine 37.5mg tablets (A A H Pharmaceuticals Ltd) 57751 Tonpular XL 150mg capsules (Wockhardt UK Ltd) 58726 Venladex XL 150mg tablets (Dexcel-Pharma Ltd) 59035 Venlablue XL 37.5mg capsules (Bluefish Pharmaceuticals AB) 59563 Venlafaxine 75mg modified-release capsules (Kent Pharmaceuticals Ltd) 59753 Sunveniz XL 150mg tablets (Sun Pharmaceuticals UK Ltd) 59923 Venlafaxine 37.5mg tablets (Bristol Laboratories Ltd) 60449 Venlafaxine 75mg tablets (A A H Pharmaceuticals Ltd) 60549 Venlafaxine 150mg modified-release capsules (Kent Pharmaceuticals Ltd) 60843 Sunveniz XL 75mg tablets (Sun Pharmaceuticals UK Ltd) 60895 Venlafaxine 37.5mg tablets (Teva UK Ltd) 61236 Bonilux XL 150mg capsules (Sandoz Ltd) 62734 Venlafaxine 150mg/5ml oral suspension 63859 Venlafaxine 75mg tablets (Waymade Healthcare Plc) 65738 Efexor 37.5mg tablets (Sigma Pharmaceuticals Plc) 66437 Venlafaxine 75mg tablets (DE Pharmaceuticals) 12111 Vivalan 50mg Tablet (AstraZeneca UK Ltd) 12309 Viloxazine hcl 50mg tablets 51227 Pregabalin 20mg/ml oral solution sugar free 51924 Lyrica 20mg/ml oral solution (Pfizer Ltd) 48698 Mirtazapine 15mg orodispersible tablets sugar free 49820 Mirtazapine 45mg orodispersible tablets sugar free 51699 Venlafaxine 37.5mg/5ml oral solution 54012 Mirtazapine 15mg orodispersible tablets sugar free (Sandoz Ltd) 54686 Tryptophan 500mg capsules 54747 Optimax 500mg capsules (Intrapharm Laboratories Ltd) 58681 Venladex XL 75mg tablets (Dexcel-Pharma Ltd) 58837 Venlafaxine 37.5mg modified-release capsules 63268 Venlafaxine 75mg/5ml oral suspension 65482 Vortioxetine 5mg tablets 65483 Vortioxetine 10mg tablets

65666 Venlafaxine 225mg modified-release capsules

65899 Efexor XL 225mg capsules (Pfizer Ltd)

54081 Sertraline 25mg/5ml oral suspension

60138 Fluoxetine 20mg orodispersible tablets sugar free

55138 Trazodone 250mg/5ml oral solution

61842 Trazodone 50mg/5ml oral solution

65213 Trimipramine 50mg/5ml oral solution

64000 Amitriptyline 10mg/5ml oral solution sugar free

drugsubstance

Agomelatine

Agomelatine Amitriptyline Hydrochloride Amitriptyline hydrochloride

Amitriptyline hydrochloride

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Amoxapine

Amoxapine

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Amoxapine

Ascorbic Acid/Tryptophan/Pyridoxine Hydrochloride

Butriptyline Hydrochloride

Butriptyline Hydrochloride

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Escitalopram oxalate

Fluoxetine hydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Flupentixol dihydrochloride Fluvoxamine maleate Fluvoxamine maleate Fluvoxamine maleate

Fluvoxamine maleate

Fluvoxamine maleate Fluvoxamine maleate Fluvoxamine maleate Imipramine hydrochloride Imipramine hydrochloride

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Pregabalin

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Sertraline

Sertraline hydrochloride

Sertraline hydrochloride

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Sertraline hydrochloride Trazodone hydrochloride Trimipramine maleate

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Pregabalin Pregabalin Mirtazapine Mirtazapine

Venlafaxine Mirtazapine Tryptophan Tryptophan

Venladex
Venlafaxine
Venlafaxine
Vortioxetine

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Vortioxetine

Venlafaxine Efexor Sertraline Fluoxetine Trazodone Trazodone Trimipramine Amitriptyline



medcode	readcode	readterm
25631	S02z.00	Fracture of facial bone NOS
62966	S300z00	Closed fracture proximal femur, transcervical, NOS
69777	SJ1yz00	Other specified cranial nerve injury NOS
49894	S4H0500	Closed #-dislocation, metatarsophalangeal joint, multiple
48660	SD3y.00	Superficial injury of lower arm NOS, without infection
39306	SH11200	Superficial burn of the eye
70039	SD2zz00	Superficial injury shoulder/upper arm, infection NOS
55965	SH52A00	Deep partial thickness burn of the ankle
25461	SH40600	Unspecified thickness burn of the back of hand
6266	SD20500	Abrasion of arm,unspecified level without infection
62047	S103100	Open fracture thoracic vertebra, wedge
67408	S481500	Open traumatic dislocation, metatarso-phalangeal jnt, single
64974	SH32800	Deep partial thickness burn of the forearm
53075	SE30400	Contusion, clavicular area
9740	SE012	Bruise of head
29165	SH50z00	Unspecified thickness burn of the leg NOS
28192	SD60100	Abrasion, thigh
51009	SH30400	Unspecified thickness burn of the axilla
35077	S352E00	Closed fracture metatarsal head
24329	S834100	Open wound of cheek
25093	SK1C200	Injury of other flexor muscle and tendon at forearm level
	S490.00	Closed dislocation cervical spine
1873	S3611	Toe fracture
	SE23112	Contusion of lower back
	S440100	Closed traumatic dislocation, metacarpophalangeal joint
	S1100	Fracture of spine with spinal cord lesion
	S82v000	Open wound of ear drum
	N082K00	Pathological dislocation of MCP joint
	SK1C.00	Injury of muscle and tendon at forearm level
	SH71.00	Burn of the larynx, trachea and lung
	SD6z100	Superficial injury of thigh NOS, infected
	S481900	Open traumatic dislocation, pantalar
	SH400	Burn of the wrist(s) and hand(s)
	S300y00	Closed fracture proximal femur, other transcervical
	SF22.00	Crush injury wrist or hand
	S230800 S315.00	Closed fracture proximal radius, comminuted Fracture of lower end of femur
	SD3z100	Superficial injury of forearm NOS, infected
	SH10800	Unspecified thickness burn of the cheek
	SH12211	Eye - 2nd degree burn
	SH50200	Unspecified thickness burn of the foot
	S791.00	Internal injury with open wound into cavity NOS
	S930.00	Open wound of finger or thumb without mention of complicatn
	S4A2100	Closed fracture-subluxation acromio-clavicular joint
	SJ70.11	Head and neck superficial nerve injury
	SF21300	Closed crush injury, elbow area
	SJ21800	Anterior thoracic cord injury, without bony injury, T7-12
	S4H0200	Closed fracture-dislocation, tarsometatarsal joint
	N083u00	Recurrent dislocation of foot joint
557.50		

	SD1y800	Superficial injury of groin NOS, without major open wound
	S331.00	Open fracture of tibia and fibula, proximal
	SH30100	Unspecified thickness burn of the forearm
68030	SH84z00	Burn: 40-49% of body surface NOS
47243	SD10B11	Abrasion or friction burn of testis without infection
65055	S82v200	Open wound of eustachian tube
96998	S4D1600	Open fracture-dislocation multiple digits
	S430000	Closed traumatic dislocation of wrist, unspecified
56544	SH82.00	Burn involving 20-29% of body surface (BS)
24118	SJB00	Injury of nerves at shoulder and upper arm level
36709	SH50300	Unspecified thickness burn of the ankle
34910	S4J0100	Closed fracture-dislocation of pelvis
39197	SF10100	Crush injury, scrotum and testis
100872	SH34.00	Deep full thickness burn of arm without loss of body part
36833	SH10z00	Unspecified thickness burn of the face, head or neck NOS
15518	S496z00	Closed traumatic dislocation not otherwise specified
48142	S313200	Open fracture of femur, lower epiphysis
64452	SH53300	Full thickness burn of the ankle
69895	SF30200	Closed crush injury, thigh
61340	S494200	Closed dislocation of sacrum
33957	S300700	Closed fracture proximal femur, subcapital, Garden grade II
55464	S332z00	Closed fracture of tibia and fibula, shaft, NOS
28480	SF30000	Crush injury, thigh
34870	S6400	Intracranial injury NOS
51841	SK1xA00	Open wounds invol multi regions of up limb(s) wth lw limb(s)
7988	S239.00	Fracture of shaft of radius
23778	SJ900	Injury of nerves and spinal cord at thorax level
1073	S23x211	Fracture of ulna NOS
59690	7K6FQ00	Primary open reduction # dislocation joint internal fix NEC
19288	SD11300	Abrasion of abdominal wall, infected
101316	S261700	Open fracture thumb proximal phalanx, head
73441	S003100	Open #skull vlt + intracranial injury, no loss of consc
10609	SH10100	Unspecified thickness burn of the ear
29109	S33x.00	Closed fracture of tibia and fibula, unspecified part, NOS
73792	SB48300	Injury of unspecified blood vessel at ankle and foot level
61178	SH12x00	Partial thickness burn of multiple sites face, head or neck
23503	S430100	Closed traumatic dislocation distal radio-ulnar joint
67007	S353.00	Open fracture of other tarsal and metatarsal bones
54306	S431500	Open traumatic dislocation proximal metacarpal
10228	S4B00	Fracture-dislocation or subluxation elbow
104355	S4B1100	Open fracture-dislocation superior radio-ulnar joint
53915	SD61z00	Abrasion or friction burn of lower limb, infected, NOS
41764	SE44.00	Contusion, lower limb, multiple sites
36783	7K6H700	Secondary open reduction fracture disloc joint & fixation
16944	S292.00	Multiple fractures of clavicle, scapula and humerus
95513	S100M00	Closed fracture cervical vertebra, posterior arch
	S493.11	Open dislocation of thoracic and lumbar vertebra
20893	S310012	Upper leg fracture NOS
28015	SE4z.00	Contusion, site NOS
40658	S353H00	Open fracture cuneiforms

94458 SB31100	Open injury, brachial artery
53686 S411000	Open traumatic dislocation shoulder joint, unspecified
45664 S352A00	Closed fracture talus, body
39887 S100A00	Closed fracture axis, odontoid process
33935 N083.12	Habitual dislocation of joint
358 S3z11	Fracture NOS
40692 SH40500	Unspecified thickness burn of the palm of hand
44470 S73xy00	Other gastrointestinal tract injury no open wound to cavity
60352 7J43z00	Fixation of fracture of spine NOS
22308 SE23200	Contusion of lower back
311 SKz00	Injury NOS
101567 S303100	Open fracture proximal femur, intertrochanteric, two part
68196 SJB1.00	Injury of multiple nerves at shoulder and upper arm level
71373 SH84400	Burn: 40-49% of body surface, 40-49% BS full thickness
60593 S100300	Closed fracture of third cervical vertebra
43799 SB33200	Injury of ulnar artery at wrist and hand level
34723 S350100	Closed fracture calcaneus, intra-articular
50247 S04z.00	Multiple fractures involving skull/face with other bones NOS
21922 S312200	Closed fracture of femur, lower epiphysis
28068 S333.00	Open fracture of tibia/fibula, shaft
45970 PE30000	Unilateral congenital dislocation of hip
6869 S46z.00	Dislocation of knee NOS
57327 SH70.00	Burn of the mouth and pharynx
265 SK17000	Other knee injury
10990 S10B000	Fracture of lumbar vertebra
9789 SF20011	Crush injury of shoulder
69645 S101100	Open fracture atlas
59226 SF11z00	Crush injury, trunk NOS
42780 S105.00	Open fracture lumbar vertebra
27569 SF11200	Crush injury, breast
21220 SH42600	Superficial partial thickness burn of back of hand
61491 7J43400	Primary open reduc spinal fracture+internal fix+rod system
32835 SD7yz00	Superficial injury of foot and toe, without infection, NOS
68142 SJ34000	Closed injury, brachial plexus, upper roots
44732 SH52x00	Partial thickness burn of multiple sites of the leg
55997 SH12G00	Deep partial thickness burn of the scalp
58893 S733100	Duodenum injury with open wound into cavity
49249 TG80z00	Accidental burning/scalding caused by hot liquid/vapour NOS
24559 SF10111	Crush injury of scrotum
21126 SD80000	Abrasion or friction burn of eyelids and periocular area
41633 TG81y00	Accidental burning caused by other caustic or corrosive
51980 T402600	Fall from burning ship - docker or stevedore injured
53729 S84y100	Open wound of supraclavicular region with complication
42216 7K6FD00	Primary opn reduction of dislocation+oth stabilisation of jt
35456 S600	Intracranial injury excluding those with skull fracture
58838 SB22000	Coeliac and mesenteric artery injury, unspecified
68347 SH14600	Deep full thickness burn of scalp without loss of body part
22761 S330012	Closed fracture of tibial tuberosity
20778 SD71.12	Abrasion or friction burn of toenail, infected
41306 TN86.00	Injury ?accidental, by crashing of aircraft

	36083	TG80800	Accidental burning or scalding caused by chocolate
		S4D1100	Open fracture-dislocation, metacarpophalangeal joint
		S210500	Closed fracture scapula, spine
		7K1LB00	Closed reduction of fracture of hallux
		7J42.11	Other reduction of fracture of spine and stabilisation
		S125000	Closed fracture larynx
		SC19.00	Late effect of burn NOS
		SD2y.00	Superficial injury shoulder/upper arm NOS, without infection
		7G1M200	Glue closure of skin wound
		SD10500	Abrasion, buttock
		7K6F400	Open reduction of # dislocation of joint+fxn of jnt,unspec
		SF11100	Crush injury, buttock
1		S491700	Open dislocation C6/C7
_		7J13.00	Reduction of fracture of maxilla
		S930100	Open wound, finger, multiple
		N083p00	Recurrent dislocation of the patella
		SH3z.00	Burn of the arm (excluding wrist and hand) NOS
		SF30.00	Crush injury, hip and thigh
		S92z.00	Open wound of hand, excluding fingers, NOS
		S4C2400	Closed fracture-subluxation lunate (volar)
		SB31.00	Brachial blood vessel injury
		\$348.00	Fracture of medial malleolus
		S4D0400	Closed fracture-dislocation, proximal interphalangeal joint
		SD70100	Abrasion, toe
		SD60300	Abrasion, lower leg
		SE32100	Contusion, wrist
1		S251C00	Open fracture thumb metacarpal head
		SJ51000	Closed injury, median nerve
		SE100	Contusion, eye and adnexa
	23845	7K6F300	Open reduction of dislocation of jt+fxn of joint, unspec
	38943	S4F7.00	Open fracture-subluxation, patello-femoral joint
		S222000	Closed fracture of humerus NOS
	57612	S85z.00	Open wound of chest wall NOS
	61556	S361300	Open fracture multiple phalanges, toe
	50011	S49x.00	Other closed multiple and ill-defined dislocation
	3095	7J03100	Reduction of fracture of nasal bones NEC
	96406	S010z00	Closed #skull bse no intracranial injury + concussion unspec
	35866	7K6H400	Revision to closed reduction of fracture dislocation alone
	18841	S4D1.00	Open fracture-dislocation digit
	50223	S231000	Open fracture of proximal forearm, unspecified
1	102014	S751.00	Open injury of spleen
	96731	S624z00	Extradural h'ge inj no open intracran wnd+concussion unspec
	27922	S10B300	Fracture of ilium
	60368	S431600	Open traumatic dislocation lunate (volar)
	18584	S345.00	Open fracture ankle, bimalleolar
	93300	S4012	Dislocation of maxilla, inferior
	61845	SA12z00	Open wound of knee/leg/ankle with tendon involvement, NOS
	99284	SH13300	Full thickness burn of the lip(s)
	10304	SH1z.00	Burn of the face, head or neck NOS
	71934	SD20z00	Abrasion/friction burn shoulder/upper arm, no infection, NOS

4528 7K1G.00	Other primary open reduction of fracture of bone
101031 S336000	Fracture tibial plateau
18388 S343.00	Open fracture ankle, lateral malleolus
6915 S234B00	Closed fracture radial styloid
6821 SD3y000	Superficial injury of elbow NOS
32866 S313.11	Open fracture of femur, distal end
18325 S8300	Other open wound of head
68229 S300y11	Closed fracture of femur, subcapital
101524 TG81011	Accidental burning by Hydrofluoric acid
7402 SE31.00	Contusion, elbow or forearm
55086 S75z.00	Injury to spleen NOS
18273 S30y.00	Closed fracture of neck of femur NOS
68652 S120800	Closed fracture of eight or more ribs
2251 S024100	Closed fracture zygoma
18086 SE25.00	Contusion of pelvic region
10608 SJ5y100	Injury of multiple nerves at forearm level
6168 S240100	Closed fracture of the scaphoid
95608 S451.00	Open traumatic dislocation of hip
6149 SD800	Superficial injury of eye and adnexa
62808 S260A00	Closed fracture thumb distal phalanx, shaft
22375 S2400	Fracture of carpal bone
3573 S10x.00	Closed fracture of spine, unspecified,
66514 TL900	Homicide
50509 SH112	Head burns
71063 S712200	Lung laceration without mention of open wound into thorax
24587 S4E00	Fracture-dislocation or subluxation hip
65260 SH14200	Deep full thickness burn of eye without loss of body part
62723 SF31.00	Crush injury, knee and lower leg
23623 S8400	Open wound of neck
65690 S300200	Closed fracture proximal femur, midcervical section
25508 SD40100	Abrasion, hand, dorsum
42049 SD1y900	Superficial injury of perineum NOS without major open wound
88784 7J13y00	Other specified reduction of fracture of maxilla
102302 S234G00	Greenstick fracture of distal radius
7142 SD21.00	Abrasion or friction burn of shoulder/upper arm, infected
14848 S410500	Closed traumatic dislocation scapula
17467 S812	Open wound of head
44887 SC17.00	Late effect of burn of arm, leg and foot
17443 7J12.11	Reduction of fracture of jaw NEC
21427 SD1yA00	Superficial injury of penis NOS, without major open wound
21743 SA211	Open wound of heel
32894 SK1E200	Injury of multiple muscles and tendons at lower leg level
28434 SE23400	Contusion of sacral region
27404 S102.00	Closed fracture thoracic vertebra
97820 S225900	Open fracture distal humerus, bicondylar (T-Y fracture)
51522 SH11500	Superficial burn of the nose
51455 S84x.00	Other open wound of neck
9394 SD40.00	Abrasion/friction burn of hand, without infection
41925 TG9z000	Accidental burn or other injury from electric current NOS
96863 S724.00	Injury of bronchus

	29611	S820.00	Open wound of external ear
	17174	7K6G600	Closed reduction of dislocation of finger
	41650	SH01.00	Other burns of eyelids and periocular area
	44736	S837.00	Open wound in mouth with complication
	65724	S000000	Closed #skull vlt no intracranial injury, unspec state consc
	73724	SD1yC00	Superficial injury of vulva NOS, without major open wound
	62677	SH24.00	Deep full thickness burn of trunk without loss of body part
	57109	SF22800	Open crush injury hand, dorsum
	17061	SD21300	Abrasion of upper arm, infected
	69354	SF20200	Crush injury, axillary region
	34307	S260P00	Closed fracture finger middle phalanx, head
	11220	SD1y400	Superficial injury of back NOS, without major open wound
	21175	S250x00	Closed fractures of multiple sites of unspecified metacarpus
	65179	S903200	Degloving injury, axilla
	70674	S133z00	Open fracture of pubis NOS
	18338	S260F00	Closed fracture finger proximal phalanx, shaft
	69824	SR13.00	Fractures involving multiple regions of one lower limb
	16890	S022.12	Fracture of lower jaw, closed
	3288	S10A.00	Fracture of neck
	48544	S942.11	Multiple/unspec open wound of upper limb with tendon injury
	73342	SJ52600	Open injury, ulnar nerve, palmar sensory
	93142	7K6F600	Primary open reduction of dislocation and skeletal traction
	16769	TC700	Fracture, cause unspecified
	35355	SH50100	Unspecified thickness burn of the toe(s)
	48925	S353z00	Open fracture of tarsal and metatarsal bones NOS
	64441	SB000	Injury to blood vessels of head and neck
	33412	SH22.00	Partial thickness burn of the trunk
	58029	S901x00	Multiple open wounds of upper arm with complication
	16895	N1y1.00	Fatigue fracture of vertebra
	70919	7K1Ly00	Other specified other closed reduction of fracture of bone
	45410	7J41z00	Decompression of fracture of spine NOS
	14725	SH9z.00	Burn - unspecified
	59167	SH22800	Deep partial thickness burn of the breast
	56137	TK52.00	Suicide and selfinflicted injury by hunting rifle
	31854	TK400	Suicide and selfinflicted injury by drowning
	16277	S100200	Closed fracture axis
	60630	S235000	Open fracture of forearm, lower end, unspecified
	51853	S813	Open wound of trunk
	4845	SK17400	Calf injury
	73502	S913100	Degloving injury, elbow area
	343	S234100	Closed Colles' fracture
	28724	S224700	Closed fracture distal humerus, medial epicondyle
	28273	S321.00	Open fracture of the patella
•	109424	SD1z.00	Superficial injury of trunk NOS, infected
		S000	Fracture of skull
		SD1yz00	Superficial injury trunk, without major wound/infection NOS
		SH70200	Burn of the tongue
		S72z.00	Intrathoracic organ injury NOS
		SC11.00	Late effect of open wound arm or leg without tendon injury
		S835000	Open wound of face with complication, unspecified
	13070	200000	The state of the s

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103695 SJ21B00	Incompl thoracic cord injury, unsp, without bony injury, T7-12
285 S83z.00	Open wound of head NOS
5080 SH000	Burn confined to eye and adnexa
33763 SH51100	Superficial burn of the toe(s)
5332 S312300	Closed fracture distal femur, supracondylar
40164 S330500	Closed fracture proximal tibia, bicondylar
94264 TG80900	Accidental burning or scalding caused by milk
15613 S100000	Closed fracture of unspecified cervical vertebra
15580 S480500	Cls traumatic dislocation, metatarso-phalangeal jnt, single
55356 S4D2300	Closed fracture-subluxation, distal interphalangeal joint
9009 SD0y000	Superficial injury of face NOS
32724 SH52300	Superficial partial thickness burn of the ankle
15491 S4G00	Fracture-dislocation or subluxation ankle
7723 S337.00	Fracture of shaft of tibia
29878 S833.00	Open wound of nose with complication
27976 SH40.00	Unspecified thickness burn of the wrist and hand
101859 SJ4y.00	Other trunk nerve injury
34043 SH43000	Full thickness burn of the hand, unspecified
58845 SF20z00	Crush injury, shoulder and upper arm NOS
12142 SE011	Bruise of face
25098 SD7z000	Superficial injury of foot NOS, infected
63738 SJ57000	Closed injury, suprascapular nerve
8774 SH5z.00	Burn of the lower limb NOS
37801 SH41.12	First degree burn of finger
28177 SJ32.00	Lumbar nerve root injury
71521 SJ22.00	Lumbar cord injury without spinal bone injury
41913 SH43500	Full thickness burn of the palm of hand
73229 S940.00	Multiple/unspec open wound upper limb without complication
40765 SB00100	Common carotid artery injury
105693 SB1z.00	Thoracic blood vessel injury NOS
33475 S321200	Open fracture patella, distal pole
14865 SD91.00	Abrasion or friction burn, infected, NOS
8138 SD10.00	Abrasion, trunk
21763 SH600	Burn of multiple specified sites
96430 TKx7.00	Suicide and selfinflicted injury caustic subst, excl poison
52862 SA0z.00	Open wound of hip and thigh NOS
100294 S441600	Open traumatic dislocation multiple digits
30288 7J13000	Reduction of fracture of alveolus of maxilla
383 SH91.11	First degree burn
15887 S790.00	Internal injury without open wound into cavity NOS
9468 S4B0000	Closed fracture-dislocation elbow joint
46768 S7A00	Injury of pancreas
47984 SB13.00	Superior vena cava injury
27554 S811.00	Ocular laceration with intraocular prolapse
62536 SB32100	Open injury, radial artery
52441 SH42500	Superficial partial thickness burn of palm of hand
59300 SJ5x.00	Other shoulder girdle and upper limb nerve injury
20171 SJ15.00	Acoustic (8th) nerve injury
12864 SF02.00	Crush injury, neck
97827 S496011	Closed dislocation of sternoclavicular joint

	7K6Hz00	Secondary reduction of traumatic dislocation of joint NOS
	SH55100	Deep full thickness burn of toe(s), with loss of body part
	S107.00	Open fracture sacrum
	SE22100	Contusion, flank
	SH33.00	Full thickness burn of the arm
	S73z.00	Injury to gastrointestinal tract, NOS
	S105000	Open fracture lumbar vertebra, burst
	SE30011	Shoulder bruise
	S480000	Closed traumatic dislocation of foot, unspecified
	S832.00	Open wound of nose
	S134.00	Other or multiple closed fracture of pelvis
	S352100	Closed fracture of talus
	S234600	Closed fracture radius and ulna, distal
	S250400	Closed fracture finger metacarpal neck
	SH21300	Superficial burn of the abdominal wall
	SH73.00	Burn of the gastrointestinal tract
	TG81.00	Accidental burning caused by caustic and corrosive substance
	SE20.00	Contusion, breast
	SB30400	Open injury, axillary vein
	SK1W.00	Injury of unspecified muscle and tendon of trunk
	SB11.00	Innominate (brachiocephalic) artery injury
	S112A00	Cls spinal fracture with posterior thorac cord lesion, T7-12
	S135y00	Other open fracture of pelvis
	SD1z000	Superficial injury of interscapular region NOS, infected
	S032.00	Open #skull NOS without mention of intracranial injury
	S120900	Closed fracture multiple ribs
	7J42.00	Other reduction of fracture of spine
	S022700	Closed fracture of mandible, alveolar border of body
	S4D2100	Closed fracture-subluxation, metacarpophalangeal joint
	S492300	Closed spinal dislocation with complete thoracic cord lesion
12219	SD70.12	Abrasion or friction burn of toenail, without infection
	S4D0000	Closed fracture-dislocation digit, unspecified
	S761200	Kidney laceration with open wound into cavity
12132	S9100	Open wound of elbow, forearm and wrist
60615	S113.00	Open fracture of thoracic spine with spinal cord lesion
12112	SH11100	Superficial burn of the ear
36449	7K1Ez00	Prim open reduction fracture bone & extramedull fixation NOS
65904	S900100	Open wound of scapular region
60412	7J13600	Reduction of Le Fort 3 fracture of maxilla
12063	S230B00	Closed fracture olecranon, intra-articular
10007	S338.00	Fracture of lower end of tibia
44431	S270.00	Closed multiple fractures of hand bones
41675	S0113	Frontal sinus fracture
2642	S022.00	Fracture of mandible, closed
7930	7K1F500	Primary open reduction fracture patella fixat tension band
3404	\$9300	Open wound of finger(s) or thumb
36084	TKx2.00	Suicide and selfinflicted injury by scald
4211	S2011	Collar bone fracture
67822	SB34300	Injury of deep palmar arch
18361	7K6G300	Closed reduction of dislocation of shoulder

11702	SD2y300	Superficial injury of upper arm NOS
53650	S250C00	Closed fracture thumb metacarpal head
43338	S7711	Internal pelvic injury
14826	S344.11	Dupuytren's fracture, fibula
59647	SA10z00	Open wound of knee, leg and ankle NOS
11515	S910100	Open wound of elbow
45356	SD10300	Abrasion, abdominal wall
28304	SH00.00	Chemical burn of eyelids and periocular area
50460	7K1Fz00	Primary open reduction of intraarticular fracture bone NOS
105332	SJ15.11	Auditory cranial nerve injury
64139	S13z.00	Open fracture of pelvis NOS
66961	TN20.00	Injury ?accidental, poisoning by motor vehicle exhaust gas
59900	SF2z.00	Crush injury, upper limb NOS
12525	SD61200	Abrasion of knee, infected
48958	S112100	Cls spinal fracture wth complete thoracic cord lesion,T1-6
61315	S410311	Inferior dislocation of shoulder
104754	TN02.00	Injury ?accidental, poisoning by other sedative/hypnotic
11275	S3X00	Fracture of lower leg, part unspecified
48224	S121.00	Open fracture rib
45344	S903300	Degloving injury, upper arm
9261	S4C1000	Open fracture-dislocation, distal radio-ulnar joint
11222	S220.00	Closed fracture of the proximal humerus
108479	S751300	Spleen parenchyma laceration with open wound into cavity
28079	\$600.00	Concussion with no loss of consciousness
58611	SA00.00	Open wound of hip and thigh without mention of complication
30956	S11x.00	Closed fracture of spine with spinal cord lesion unspecified
21161	SE11.11	Bruise of eyelids
89236	7403900	Surgical outfracture of turbinate of nose
34194	S496100	Closed traumatic dislocation of pelvis
62955	S000100	Closed #skull vlt no intracranial injury, no loss of consc
24790	S026.00	Closed orbital blow-out fracture
109115	S353800	Open fracture talus, head
29748	S352D00	Closed fracture metatarsal neck
60206	SJ53000	Closed injury, radial nerve
44861	SH52z00	Partial thickness burn of the leg NOS
73047	S772.00	Ureter injury without mention of open wound into cavity
10764	SE42011	Heel bruise
14847	7K6Fz00	Primary open reduction of traumatic dislocation of joint NOS
65494	S4D3400	Open fracture-subluxation, proximal interphalangeal joint
17150	SC17.11	Late effect of burn of arm or leg
38480	SC3D100	Sequelae of dislocation, sprain and strain of lower limb
5381	S1500	Fracture of thoracic vertebra
71148	SH22B00	Deep partial thickness burn of the back (excluding buttock)
52895	S250700	Closed fracture finger metacarpal, multiple
17360	SK10800	Injury of muscle and tendon at neck level
10640	S2311	Forearm fracture
35388	SJ67.00	Injury of nerves at ankle and foot level
60531	SH22C00	Deep partial thickness burn of the buttock
61484	SD0z000	Superficial injury of face NOS, infected
52746	SH52B00	Deep partial thickness burn of the lower leg

33489 S220200	Closed fracture of proximal humerus, anatomical neck
67296 SJ00.00	Optic nerve (2nd) injury
10616 SE31000	Contusion, forearm area
7636 S231600	Open fracture radial head
20281 SE24.00	Contusion, genital organs
21998 SJ31.00	Thoracic nerve root injury
68233 7K6H600	Secondary open reduction dislocation joint+fixation jnt,unsp
41890 SH51500	Superficial burn of the knee
48878 SK1x900	Open wounds involv thorax with abdomen, lwr back and pelvis
27378 S49x.12	Back dislocation NOS
95674 N1y2.00	Pars interarticularis stress fracture
105935 S107000	Open compression fracture sacrum
54625 S77A.00	Injury of fallopian tube
94275 TG80C00	Accidental burning or scalding caused by steam from kettle
92825 SH44200	Deep full thickness burn of thumb without loss of body part
53665 SA32.00	Open wound of toe(s) with tendon involvement
99073 SJ16.00	Accessory (11th) nerve injury
1179 S2811	III-defined fracture of arm
33757 S260M00	Closed fracture finger middle phalanx, shaft
6569 S6213	Subdural haemorrhage following injury
22370 S330400	Closed fracture proximal tibia, lateral condyle (plateau)
16181 S83x.00	Other open wound of head
93648 S465100	Closed traumatic dislocation knee joint, anterior
8916 S4713	Dislocation of tibia, distal end
8348 S4A0.00	Closed fracture-dislocation shoulder
35386 S211.00	Open fracture of scapula
68104 SB33100	Open injury, ulnar artery
10201 S6411	Brain injury NOS
35096 S104300	Closed fracture lumbar vertebra, spinous process
28352 S33y100	Open fracture of fibula, unspecified part, NOS
35035 SH50.00	Unspecified thickness burn of the leg
10106 SD60.11	Abrasion or friction burn of leg, without infection
54353 S12X.00	Fracture of bony thorax, part unspecified
10095 S311100	Open fracture shaft of femur
64207 S466.00	Other open traumatic dislocation of knee
28320 S773.00	Open fracture shaft of femur Other open traumatic dislocation of knee Ureter injury with open wound into cavity
10022 S235.11	Wrist fracture - open
2303 S237.00	Fracture of upper end of radius
10008 N338.00	Malunion and nonunion of fracture
96903 7K1KA00	Revision to functional bracing of fracture
61837 SB0z.00	Head and neck blood vessel injury NOS
96136 S4C0500	Closed fracture-dislocation peri-lunate (dorsal)
24025 SC21.00	Late effect of cranial nerve injury
62719 S101611	C6 vertebra open fracture without spinal cord lesion
68670 N082211	Elbow pathological dislocation
9771 S020.11	Closed fracture nasal bone
1084 SE00	Contusion (bruise) with intact skin
100118 S73x600	Closed injury of pancreas
9727 7K1H.00	Secondary open reduction of fracture of bone
99397 S261600	Open fracture thumb proximal phalanx, neck

Page 71 of	⁻ 184
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	9688 9670 51518 50634 36543 9538 52318 12615 17469 9420 2439 9348 4978 57977 108083 66237 28271 16779 49588 9212 62803 71207 18336 44673 99251 43972 64435 9094 30150 105683 62028 65688 8460 42205 61150 27992 67097 67024 67394 70226 50155 8783 8780 58065 52513 106489 8661 60687 71845 9309

9	688	S127.00	Fracture of rib
9	9670	SE41000	Contusion, lower leg
51	518	SD11100	Abrasion of chest wall, infected
50	634	S250A00	Closed fracture thumb metacarpal shaft
36	5543	SB35200	Closed injury, digital vein
9	538	S230100	Closed fracture olecranon, extra-articular
52	2318	S310z00	Closed fracture of shaft or unspecified part, NOS
12	2615	SE111	Bruise of eye
17	7469 S	SJ56600	Injury of digital nerve of thumb
9	9420	S221.00	Open fracture of the proximal humerus
2	439	SK10900	Scalp injury
9	348	S3x3.00	Multiple fractures of lower leg
4	1978	S02x100	Fracture of orbit NOS, closed
57	7977	SH41.14	First degree burn of thumb
108	3083	SB23100	Inferior mesenteric vein injury
66	5237	S292100	Open multiple fractures of clavicle, scapula and humerus
28	3271	SBz00	Injury to blood vessel NOS
16	5779	SF00100	Crush injury, ear
49	588	S241E00	Open fracture scaphoid, tuberosity
9	212	S34z.00	Fracture of ankle, NOS
62	2803	SE30y00	Contusion, shoulder and upper arm, multiple sites
71	207	S221200	Open fracture of proximal humerus, anatomical neck
18	336	S261.00	Open fracture of one or more phalanges of hand
44	1673	S4H2.00	Closed fracture-subluxation, foot
99	251	SA33000	Degloving injury toe
43	3972	S4B1.00	Open fracture-dislocation elbow
64	1435	S4C0400	Closed fracture-dislocation lunate (volar)
9	094	SD30.00	Abrasion or friction burn of lower arm, without infection
30	150	S911.00	Open wound of lower arm with complication
105	683	SH44700	Deep full thickness burn of wrist without loss of body part
62	2028	SH35400	Deep full thickness burn of axilla, with loss of body part
65	688	S4H1500	Open #-dislocation, metatarsophalangeal joint, multiple
8	3460	SK13300	Unspecified injury of wrist
42	205	SH92100	Deep partial thickness burn NOS
61	150	S104200	Closed fracture lumbar vertebra, spondylolysis
27	7992	S335.00	Open fracture distal tibia
67	7097	S260Q00	Closed fracture finger middle phalanx, multiple
67	024	SJ60100	Open injury sciatic nerve
67	394	S301700	Open fracture proximal femur, subcapital, Garden grade II
70	226	S351100	Open fractures calcaneus, intra-articular
50	155	SJ24.00	Cauda equina injury without bony injury
8	3783	S4400	Dislocation or subluxation of finger or thumb
8	3780	S41z.00	Dislocation of shoulder NOS
58	3065	S352500	Closed fracture intermediate cuneiform
52	2513	S471.00	Open traumatic dislocation ankle joint
106	489	S740400	Liver major laceration without open wound into cavity
8	3661	S224600	Closed fracture distal humerus, lateral epicondyle
60	687	SJA0.00	Concussion and oedema of lumbar spinal cord
71	845	SB22700	Inferior mesenteric artery injury
9	309	SH500	Burn of lower limbs

28399	TN51.00	Injury ?accidental, by shotgun
	S430600	Closed traumatic dislocation lunate (volar)
	SJ30600	Cervical nerve root injury - C7
46267	S740100	Liver haematoma and contusion without open wound into cavity
70894	7K6GG00	Closed reduction of dislocation of spine
33918	SC0X.00	Sequelae of other fracture of thorax and pelvis
8465	S334100	Closed fracture distal tibia, intra-articular
32214	S644.00	Focal brain injury
10617	SD60400	Abrasion, ankle
26283	SC22.00	Late effect of spinal cord injury
100202	S33C.00	Closed fracture of distal tibia and fibula
8382	S238.00	Fracture of shaft of ulna
94372	S911z00	Open wound of lower arm with complication, NOS
69363	S261N00	Open fracture finger middle phalanx, neck
101489	SK17600	Posterolateral corner injury of knee
8302	S260.00	Closed fracture of one or more phalanges of hand
18299	S234.00	Closed fracture of radius and ulna, lower end
68899	S2913	Multiple fractures of sternum
46132	SJ11.11	Fourth cranial nerve injury
71492	TN900	Injury ?accidental, late effects
62513	SH54500	Deep full thickness burn of knee without loss of body part
55424	S120500	Closed fracture of five ribs
1023	\$830.00	Open wound of scalp
42139	S260B00	Closed fracture thumb distal phalanx, tuft
8197	SE211	Bruise, trunk
8150	S903000	Degloving injury, shoulder area
11635	S352200	Closed fracture navicular
55346	S100x00	Multiple closed fractures of cervical vertebrae
101560	S121z00	Open fracture of rib(s) NOS
3809	S0011	Frontal bone fracture
46142	S0400	Multiple fractures involving skull or face with other bones
28729	SB00.00	Carotid artery injury
68657	SD6z400	Superficial injury of ankle NOS, infected
70086	7433300	Reduction of laryngeal fracture
33651	S260700	Closed fracture thumb proximal phalanx, head
71725	S011400	Closed #skull bse + intracranial injury, >24hr LOC+recovery
17956	S201200	Open fracture clavicle, shaft
65141	S241.00	Open fracture of carpal bone
95842	S104500	Closed fracture lumbar vertebra, posterior arch
69789	SJ5C000	Closed injury, posterior interosseous nerve
50647	S430z00	Closed traumatic dislocation of wrist NOS
68688	SH43.14	Third degree burn of wrist
35011	S32z.00	Fracture of patella, NOS
7671	SE400	Contusion, lower limb and other unspecified sites
73768	S211000	Open fracture of scapula, unspecified part
60481	SH10x00	Unspecified thickness burn multiple sites face, head or neck
11333	7K1K800	Primary external fixation of fracture
43566	S343000	Open fracture ankle, lateral malleolus, low
	S003000	Open #skull vlt + intracranial injury, unspec state of consc
51971	TN87.00	Injury ?accidental, by caustic substances, except poisoning

	SB43z00	Saphenous vein injury NOS
	TN84.00	Injury ?accidental, by electrocution
	SH32.11	Blister of arm, second degree burn
73165	S240F00	Closed fracture carpal bones, multiple
25518	TG81000	Accidental burning caused by acid
11277	S150.00	Multiple fractures of thoracic spine
109332	SH34000	Deep full thickness burn of arm unsp, no loss of body part
38656	SE33300	Contusion, finger, multiple
92268	S4H0600	Closed fracture-dislocation, IPJ, multiple toes
72376	S933400	Ring avulsion injury, class 3
29612	Sz00	Injury and poisoning NOS
35145	SH12.00	Partial thickness burn of the face, head or neck
90888	SJ54000	Closed injury, musculo-cutaneous nerve
38131	7K1LN00	Closed reduction of fracture of upper limb
12754	SH40.13	Unspecified degree burn of thumb
52371	S344100	Closed fracture ankle, bimalleolar, high fibular fracture
62649	SP04C00	Fracture of bone allograft
60402	SC00.12	Late effect of skull fracture
7054	SD61.11	Abrasion or friction burn of leg, infected
16081	S49x.11	Arm dislocation NOS
48880	S80z.00	Open wound of ocular adnexa NOS
67856	SB43000	Greater saphenous vein injury
73109	S211400	Open fracture scapula, blade
6996	SE000	Contusion of face, scalp and neck, excluding eye(s)
95620	S100J00	Closed fracture cervical vertebra, spondylolysis
69098	S101111	C1 vertebra open fracture without spinal cord lesion
6942	7K1LL00	Closed reduction of fracture of radius and or ulna
6925	SD4y.00	Superficial injury of hand NOS, without mention of infection
101565	•	Closed injury, ulnar nerve, dorsal sensory
100552	SB3x.00	Multiple blood vessel injury of upper extremity
	TN06.00	Injury ?accidental, poisoning by corrosive/caustic substance
	SB1y200	Internal mammary artery injury
	, S250z00	Closed fracture of metacarpal bone(s) NOS
	S4D1300	Open fracture-dislocation, distal interphalangeal joint
	S353F00	Open fracture metatarsal, multiple
	SH31600	Superficial burn of the scapular region
	SB31000	Closed injury, brachial artery
	S4C2y00	Closed fracture-subluxation other carpal
	S900z00	Open wound of shoulder and upper limb NOS
	SH41000	Superficial burn of the hand, unspecified
	7L0H800	Open reduction congenital dislocation of patella
106178		Suicide and self inflicted injury by barbiturates
	S133y00	Other specified open fracture of pubis
	7K1L400	Closed reduction of fracture of hip
	S22z.00	Fracture of humerus NOS
	S135800	Open fracture dislocation of sacro-iliac joint
	S201z00	Open fracture of clavicle NOS
	S250.00	Closed fracture of metacarpal bone(s)
	SH4z.00	Burn of wrist or hand NOS
	S12z.00	Fracture of rib(s), sternum, larynx or trachea NOS
+5,23	J122.00	asta. 2 of flotof, sternam, far ynn of trachea 1405

04505 6404 00	Over the control of a little control or the con-
94585 S491x00	Open dislocation of multiple cervical vertebrae
100345 S421300	Open traumatic dislocation elbow joint, medial
6312 SD6yz00	Superficial injury of lower limb, without infection, NOS
55442 SH32200	Superficial partial thickness burn of the elbow
53948 SD6z200	Superficial injury of knee NOS, infected
44538 S230A00	Closed fracture radius and ulna, proximal
99591 SB30000	Axillary vessel injury, unspecified
25414 SA22.11	Open wound of foot with tendon injury
99508 7K6Gd00	Primary closed reduction # dislocation+other extrnal immobil
59613 S72y.00	Multiple intrathoracic organ injury with open wnd to cavity
63402 S490600	Closed dislocation C5/C6
5567 S0119	Temporal bone fracture
6195 S200	Fracture of upper limb
62977 S010.00	Closed fracture base of skull without intracranial injury
70946 TKx0.00	Suicide + selfinflicted injury-jump/lie before moving object
100159 S321100	Open fracture patella, proximal pole
96135 S751000	Spleen injury with open wound into cavity, unspecified
33788 SF23100	Closed crush injury, thumb
41558 S4D2000	Closed fracture-subluxation digit, unspecified
91156 SH34300	Deep full thickness burn of upper arm, no loss of body part
56079 TN2y.00	Injury ?accidental, poisoning by other spec gas or vapour
34726 F552200	Ear ossicle dislocation
63633 S331600	Open fracture spine, tibia
29701 J012.00	Abrasion of teeth
6196 SC20.11	Late effect of head injury
27810 SJ61.00	Femoral nerve injury
49571 SF32400	Open crush injury, foot
5938 S5Q6.00	Injury of tendon of the rotator cuff of shoulder
71630 SH42.11	Blister of wrist and hand, second degree burn
4629 7K1L.00	Other closed reduction of fracture of bone
71500 S760z00	Kidney injury without mention of open wound into cavity NOS
4582 S26z.00	Fracture of one or more phalanges of hand NOS
62076 SB1y000	Intercostal artery injury
52810 S8111	Ocular open wound
3253 SJz00	Nerve and spinal cord injury NOS
12614 SD01000	Abrasion of face, infected
104120 SH12A00	Deep partial thickness burn of unspecified part of face/head
99404 SJ62100	Open injury posterior tibial nerve
52912 S441000	Open traumatic dislocation of finger, unspecified
104755 S113A00	Opn spinal fracture with posterior thorac cord lesion, T7-12
21679 S440400	Closed traumatic dislocation, proximal interphalangeal joint
53976 S101200	Open fracture axis
17424 N083A00	Recurrent dislocation of shoulder - anterior
70196 SD1z100	Superficial injury of chest wall NOS, infected
22182 SD21200	Abrasion of axilla, infected
15927 S352.00	Closed fracture of other tarsal and metatarsal bones
73052 SJ67400	Injury of other nerves at ankle and foot level
5320 SE33200	Contusion, fingernail (includes subungual haematoma)
66231 S353400	Open fracture medial cuneiform
31797 S0411	Multiple face fractures

9347 SD81100	Superficial laceration of cornea
3008 S646.00	Head injury
67321 S420100	Closed traumatic dislocation elbow joint, anterior
5140 TN61.00	Injury ?accidental, by stabbing instrument
17249 S4H00	Fracture-dislocation or subluxation foot
42972 S311.00	Open fracture of femur, shaft or unspecified part
475 S400	Dislocations and subluxations
15860 SE00.00	Contusion, forehead
70485 SH33300	Full thickness burn of the upper arm
4954 SE21.00	Contusion, chest wall
4896 SD00000	Abrasion, face
4310 S352300	Closed fracture cuboid
24728 SF00000	Crush injury, cheek
4869 S8z11	Laceration NOS
70954 S933100	Degloving injury, finger, multiple
17438 S835400	Open wound of lip with complication
51657 S496600	Closed traumatic dislocation costo-vertebral joint
73152 TM5z.00	Injury due to legal intervention by other means NOS
41698 S134300	Closed fracture pelvis, ischial tuberosity
2888 S2500	Fracture of metacarpal bone
70860 S735200	Transverse colon injury with open wound into cavity
54145 S331200	Open fracture of tibia and fibula, proximal
28398 SK1x500	Multiple open wounds of abdomen, lower back and pelvis
98032 SB0y.00	Other head and neck blood vessel injury
35620 S342100	Closed fracture ankle, lateral malleolus, high
70653 S221700	Open fracture proximal humerus, four part
4707 SH20200	Unspecified thickness burn of the chest wall
4641 7K1T100	Debridement of open fracture
72525 S130000	Closed fracture acetabulum, anterior lip alone
17535 S912	Open wound of arm
12654 S836.00	Open wound in mouth
45517 S3x00	Other, multiple and ill-defined fractures of lower limb
12744 S800	Open wound of head, neck and trunk
71071 S902.00	Open wound of shoulder/upper limb with tendon involvement
105131 SH45.14	Deep third degree burn of wrist with loss of a body part
58964 SH22600	Superficial partial thickness burn of the genitalia
97476 S4C1300	Open fracture-dislocation carpometacarpal joint
4379 SH20500	Unspecified thickness burn of the buttock
4352 SH30.00	Unspecified thickness burn of the arm
6743 S521.11	Tendon injury - hand
65531 SB4x000	Injury of multiple blood vessels at hip and thigh level
49840 S02y000	Fracture of alveolus, open
38355 S312500	Closed fracture distal femur, lateral condyle
49256 S4C1100	Open fracture-dislocation radiocarpal joint
43570 S230.00	Closed fracture of proximal radius and ulna
51189 SF1z.00	Crush injury, trunk NOS
29899 S200300	Closed fracture clavicle, lateral end
14834 S108.00	Closed fracture pelvis, coccyx
29103 7K1KE00	Primary closed reduction of fracture and external fixation
106283 S023700	Open fracture of mandible, alveolar border of body

27736 S834z00	Onen wound of face NOS
62337 S110000	Open wound of face, NOS Cls spinal fracture with unspec cervical cord lesion, C1-4
3888 S104.00	Closed fracture lumbar vertebra
	Injury of unspecified blood vessel at wrist & hand level
24861 SB3W.00	· · · · · · · · · · · · · · · · · · ·
3767 SA00100	Open wound of thigh
41888 7K1G200	Primary open reduction+external fixation of femoral fracture
40304 S261K00	Open fracture finger middle phalanx
53622 S221100	Open fracture proximal humerus, neck
55737 SB20.00	Abdominal aorta injury
30204 SE32200	Contusion hand, palm
67079 SD10700	Abrasion, flank
32009 SR10.00	Fractures involving head with neck
34416 S750000	Spleen injury without open wound into cavity, unspecified
44700 S261E00	Open fracture finger proximal phalanx, base
7928 SE43.00	Contusion, toe
15877 S106.00	Closed fracture sacrum
12728 SA000	Open wound of hip and thigh
17952 S23x100	Closed fracture of radius (alone), unspecified
5301 S302.00	Closed fracture of proximal femur, pertrochanteric
44730 SF23400	Open crush injury, thumb
3180 SA10200	Open wound of ankle
73097 TN72.00	Injury ?accidental, fall from natural site
49936 SD21000	Abrasion of shoulder, infected
33768 S330600	Closed fracture spine, tibia
51773 SJ100	Injury to other cranial nerves
19243 SC30.00	Late effect of internal chest injury
37904 S022x00	Closed fracture of mandible, multiple sites
48778 S7300	Gastrointestinal tract injury
2862 S234700	Closed Smith's fracture
2771 S9200	Open wound of hand, excluding finger(s)
24615 S4J1200	Open fracture-dislocation sterno-clavicular joint, anterior
104681 SB2y000	Ovarian artery injury
53623 7K6Fy00	Primary open reduction of traumatic dislocation of joint OS
40445 S4H1000	Open fracture-dislocation, subtalar joint
96755 SC33.00	Late effect of injury to blood vessel head/neck/extremities
107964 S780100	Adrenal gland injury without mention of open wound to cavity
105046 SH32x00	Partial thickness burn of multiple sites of the arm
61389 7J42M00	Primary cls reduc spinal fracture+skull traction stabilisatn
52774 SH54400	Deep full thickness burn of lower leg without loss of body
34233 S450.00	Closed traumatic dislocation of hip
16980 SH21100	Superficial burn of the breast
41167 SJ12.00	Trigeminal (5th) nerve injury
43681 S260500	Closed fracture thumb proximal phalanx, shaft
35789 S4A2.00	Closed fracture-subluxation shoulder
27361 7J12y00	Other specified reduction of fracture of mandible
60562 \$490500	Closed dislocation C4/C5
2325 \$834000	Open wound of face, unspecified
44943 S260H00	Closed fracture finger proximal phalanx, head
18221 SB400	Injury to blood vessels of leg
3435 SD6y100	Superficial injury thigh NOS
•	· · · · · · · · · · · · · · · · · · ·

22244		
	SC02.00	Late effect of fracture of arm
	S913200	Degloving injury wrist, volar
	S220300	Closed fracture proximal humerus, greater tuberosity
	S912000	Open wound of forearm with tendon involvement
	S5yz100	Muscle injury / strain
	S111.00	Open fracture of cervical spine with spinal cord lesion
	SJ20000	Unspecified cervical cord injury, without bony injury, C1-4
	S226.00	Fracture of upper end of humerus
	S4013	Dislocation of temporomandibular joint
	7K6FJ00	Primary open reduction of # dislocation+wire fixation
	SF000	Crush injury, face, scalp and neck
	7J43y00	Other specified fixation of fracture of spine
	S3011	Hip fracture
	S6412	Head injury NOS
	S260N00	Closed fracture finger middle phalanx, neck
	SB22.00	Coeliac or mesenteric artery injury
53433	S411400	Open traumatic dislocation acromio-clavicular joint
62899	SE30z00	Contusion, shoulder and upper arm NOS
7211	SF22100	Crush injury, wrist
17267	SC111	Late effects of skin injury
1591	S130.00	Closed fracture acetabulum
59619	S82wz00	Other open wound of ear with complication NOS
54805	PF53100	Radioulnar synostosis and dislocation of radial head
16141	7K1Gz00	Other primary open reduction of fracture of bone NOS
21815	S450100	Closed traumatic dislocation hip joint, posterior
56509	S641z00	Intracranial inj NOS + open intracran wnd+concussion unspec
110609	S73x200	Pancreas body injury without open wound into cavity
10823	7K6H.00	Secondary reduction of traumatic dislocation of joint
1435	S00	Injury and poisoning
96123	S900400	Multiple open wounds of shoulder and upper arm
64378	S352G00	Closed tarsal fractures, multiple
1177	S2100	Fracture of scapula
1163	SK17300	Other foot injury
1136	SF4z.11	Crush injury
100555	SJ5A.00	Other foot injury Crush injury Intercostobrachial nerve injury Injury of thoracic trachea Superficial injury of foot NOS
63345	S725.00	Injury of thoracic trachea
7010	SD7y000	Superficial injury of foot NOS
96450	SH13500	Full thickness burn of the nose
37734	S835500	Open wound of jaw with complication
33602	7K1G400	Primary open reduction of fracture and cast immobilisation
28375	S13y.00	Closed fracture of pelvis NOS
50148	S4C2100	Closed fracture-subluxation radiocarpal joint
51299	S003.00	Open fracture vault of skull with intracranial injury
5344	S210400	Closed fracture scapula, blade
850	S4100	Dislocation or subluxation of shoulder
73710	SJ4z.00	Trunk nerve injury NOS
30390	SH41.13	First degree burn of hand
49293	SB47.00	Injury of blood vessels at lower leg level
63978	SH14100	Deep full thickness burn of ear without loss of body part
51150	SD2y100	Superficial injury of scapular NOS

1479	S4600	Dislocation or subluxation of knee
_	S261P00	Open fracture finger middle phalanx, head
	S201300	Open fracture clavicle, lateral end
	S4H1200	Open fracture-dislocation, tarsometatarsal joint
	SK18.00	Injury of muscle and tendon of head
	\$760.00	Closed injury of kidney
	7K1Jz00	Closed reduction of bone fracture and internal fixation NOS
	SJ56500	Open injury, digital nerve, multiple
	SH10200	Unspecified thickness burn of the eye
54185	SB45.00	Tibial blood vessel injury
93752	7J42y00	Other specified other reduction of fracture of spine
	SA12200	Open wound of ankle with tendon involvement
517	S2200	Fracture of humerus
37297	7J12z00	Reduction of fracture of mandible NOS
30186	7403600	Outfracture of turbinates of nose
482	S2612	Thumb fracture excluding base
99565	S732100	Duodenum injury without mention of open wound into cavity
441	S2600	Fracture of one or more phalanges of hand
71359	SJ52500	Open injury, ulnar nerve, dorsal sensory
36556	S261000	Open fracture of phalanx or phalanges, unspecified
48903	S463100	Closed traumatic dislocation patello-femoral joint, medial
8648	S302400	Closed fracture of femur, intertrochanteric
64021	S211200	Open fracture scapula, coracoid
47645	\$938.00	Open wound of thumb with damage to nail
357	SH10000	Unspecified thickness burn of unspecified part of face/head
10102	7K1Ky00	Closed reduction of bone fracture and external fixation OS
36686	SH30600	Unspecified thickness burn of the scapular region
103049	SR15000	Cl fractures involving multiple regions upper with lower lmb
55280	S109.00	Open fracture pelvis, coccyx
45742	SJ43.00	Lateral cutaneous branch T12 injury
65988	S894400	Open wound of flank without complication
4304	S33x100	Closed fracture of fibula, unspecified part, NOS
50492	SH11z00	Superficial burn of the face, head or neck NOS
45314	S912.00	Open wound of lower arm with tendon involvement
34835	SJ200	Spinal cord injury without evidence of spinal bone injury
48586	SD0zz00	Superficial injury of head NOS, infection NOS
54189	S496500	Closed traumatic dislocation laryngeal cartilage
56373	SD11B12	Abrasion or friction burn of testis, infected
11296	S100.00	Closed fracture of cervical spine
197	S8z13	Laceration
19174	SF21000	Crush injury, forearm
137	S23x111	Fracture of radius NOS
36698	7K1Dz00	Prim open reduction fracture bone & intramedull fixation NOS
	S465500	Closed traumatic dislocation knee joint, rotatory
	S101311	C3 vertebra open fracture without spinal cord lesion
	SH22100	Superficial partial thickness burn of the breast
	S4800	Dislocation or subluxation of foot
	7K6G400	Closed reduction of dislocation of elbow
	S23xz00	Closed fracture of radius and ulna, NOS
25889	SJ56.00	Digital nerve injury

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31331	S494000	Closed dislocation of spine, unspecified
39859	S0412	Multiple skull fractures
	S8z00	Open wound of head, neck and trunk NOS
	S811	Laceration of head, neck and trunk
28299	S8A00	Open wounds involving head with neck
28307	S200200	Closed fracture clavicle, shaft
24050	SD31200	Abrasion of wrist, infected
	S140.00	Closed fracture of ill-defined bone of trunk
100677	N331.13	Sponanteous fracture
48217	S225600	Open fracture distal humerus, lateral epicondyle
	S837000	Open wound in mouth with complication, unspecified
	S84y.00	Other open wound of neck with complication
	SH11900	Superficial burn of the neck
	S010100	Closed #skull bse no intracranial injury, no loss of consc
	F4K3200	Anterior dislocation of lens
	S4E0.00	Closed fracture-dislocation, hip joint
	S647.00	Acquired brain injury
	S4011	Dislocation of mandible
	S832000	Open wound of nose, unspecified
	SC03.00	Late effect of fracture neck of femur
	S331900	Open fracture fibula, neck
	S4J3100	Open fracture-subluxation of pelvis
	S0118	Sphenoid bone fracture
	S741100	Liver haematoma and contusion with open wound into cavity
	SH11700	Superficial burn of the forehead
	S105100	Open fracture lumbar vertebra, wedge
	SJ511	Arm peripheral nerve injury
	S496300	Closed traumatic dislocation, sterno-clavicular joint, ant
	SH52800	Deep partial thickness burn of the toe(s)
	S023x00	Open fracture of mandible, multiple sites
	S835x00	Multiple open wounds of face with complication
	S465400	Closed traumatic dislocation knee joint, lateral
	S001200	Closed #skull vlt + intracranial injury, <1hr loss of consc
	S77z.00	Pelvic organ injury NOS
	TN3z.00	Injury ?accidental, hanging/strangulation/suffocation NOS
	S224200	Closed fracture distal humerus, lateral condyle
	N338000	Malunion of fracture
	S3z0.00	Closed fracture of bones, unspecified
	S330100	Closed fracture proximal fibula
	S23y200	Open fracture of ulna (alone), unspecified
	SH41300	Superficial burn of more than one finger
	SE22z00	Contusion, abdominal wall NOS
	SD2z200	Superficial injury of axilla NOS, infected
	7K6HF00	Revision to open reduction of dislocation alone
	S4D3.00	Open fracture-subluxation digit
	S002000	Open #skull vlt no intracranial injury, unspec state consc
	S251x00	Open fractures of multiple sites of unspecified metacarpus
	SE08.00	Other contusion neck
	SH51400	Superficial burn of the lower leg
61279	S261300	Open fracture thumb proximal phalanx

17383 SC13.11 Late effect of bruising 953 S321.00 Open fracture of bones, unspecified 98289 SJ33400 Sacral nerve root injury - S5 48941 SH84.00 Burn involving 40-49% of body surface (BS) 99295 SH55.00 Deep full thickness burn of leg, with loss of body part 152545 SJ66X00 Injury of unspecified nerve at lower leg level 22329 S312.11 Closed fracture of femur, distal end 152672 S523D00 Volar plate injury, thumb, metacarpophalangeal joint 14494 S02B.00 Le Fort II fracture maxilla 140752 S4I00 Other fracture-dislocation or subluxation 157299 S710.00 Heart injury, closed 140786 SJ50.00 Axillary nerve injury 140817 S4D2400 Closed fracture-subluxation, proximal interphalangeal join 14081 SD10000 Abrasion, interscapular 17194 SA02100 Open wound of thigh with tendon involvement 17198 S723.00 Open injury other intra-thoracic structure 17198 S723.00 Open injury other intra-thoracic structure 17198 S723.00 Closed crush injury wrist, dorsum 17198 S723.00 Sucide and selfinflicted injury NOS 17564 S242100 Fracture of first metacarpal bone 17198 S11 SJ42.00 Closed fracture of scapula 17036 8HB9.00 Fracture therapy follow-up 17199 S73.11 Open wound of toenail 17036 SHB9.00 Fracture therapy follow-up 17199 S73.11 Open wound of toenail 17037 S153200 Open injury, radial nerve 170407 S235C00 Open fracture distal radius, intra-articular, die-punch 17253 SH31200 Superficial burn of the arm NOS		
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57883 SC18.00 Late effect of other burns 41241 TKz00 Suicide and selfinflicted injury NOS 7564 S242100 Fracture of first metacarpal bone 5311 SJ42.00 Intercostal nerve injury 27620 S210.00 Closed fracture of scapula 17036 8HB9.00 Fracture therapy follow-up 11815 SA311 Open wound of toenail 60171 SJ53200 Open injury, radial nerve 41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	71080 S723.00	Open injury other intra-thoracic structure
41241 TKz00 Suicide and selfinflicted injury NOS 7564 S242100 Fracture of first metacarpal bone 5311 SJ42.00 Intercostal nerve injury 27620 S210.00 Closed fracture of scapula 17036 8HB9.00 Fracture therapy follow-up 11815 SA311 Open wound of toenail 60171 SJ53200 Open injury, radial nerve 41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	50131 SF22200	
7564 S242100 Fracture of first metacarpal bone 5311 SJ42.00 Intercostal nerve injury 27620 S210.00 Closed fracture of scapula 17036 8HB9.00 Fracture therapy follow-up 11815 SA311 Open wound of toenail 60171 SJ53200 Open injury, radial nerve 41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	57883 SC18.00	Late effect of other burns
5311 SJ42.00 Intercostal nerve injury 27620 S210.00 Closed fracture of scapula 17036 8HB9.00 Fracture therapy follow-up 11815 SA311 Open wound of toenail 60171 SJ53200 Open injury, radial nerve 41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	41241 TKz00	Suicide and selfinflicted injury NOS
27620 S210.00 Closed fracture of scapula 17036 8HB9.00 Fracture therapy follow-up 11815 SA311 Open wound of toenail 60171 SJ53200 Open injury, radial nerve 41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	7564 S242100	Fracture of first metacarpal bone
17036 8HB9.00 Fracture therapy follow-up 11815 SA311 Open wound of toenail 60171 SJ53200 Open injury, radial nerve 41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	5311 SJ42.00	Intercostal nerve injury
11815 SA311 Open wound of toenail 60171 SJ53200 Open injury, radial nerve 41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	27620 S210.00	Closed fracture of scapula
60171 SJ53200 Open injury, radial nerve 41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	17036 8HB9.00	Fracture therapy follow-up
41706 SD50100 Abrasion, thumb 22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	11815 SA311	Open wound of toenail
22393 7K1JH00 Primary wire fixation of fracture 104070 S235C00 Open fracture distal radius, intra-articular, die-punch 52353 SH31z00 Superficial burn of the arm NOS	60171 SJ53200	Open injury, radial nerve
104070 S235C00 Open fracture distal radius, intra-articular, die-punch Superficial burn of the arm NOS	41706 SD50100	Abrasion, thumb
52353 SH31z00 Superficial burn of the arm NOS	22393 7K1JH00	Primary wire fixation of fracture
	104070 S235C00	Open fracture distal radius, intra-articular, die-punch
	52353 SH31z00	·
52346 S346100 Closed fracture ankle, trimalleolar, high fibular fracture	52346 S346100	Closed fracture ankle, trimalleolar, high fibular fracture
7159 S363.00 Fracture of other toe	7159 S363.00	Fracture of other toe
37582 S4D1400 Open fracture-dislocation, proximal interphalangeal joint	37582 S4D1400	Open fracture-dislocation, proximal interphalangeal joint
10167 S2411 Hand fracture - carpal bone	10167 S2411	Hand fracture - carpal bone
41720 SD01 11 Abrasion or friction burn of head infected	41720 SD01.11	Abrasion or friction burn of head, infected
41720 3D01.11 Abiasion of inction burn of flead, infected	41753 S4900	Other, multiple and ill-defined dislocations or subluxations
	30363 7L0G000	Open reduction of congenital dislocation of hip
41753 S4900 Other, multiple and ill-defined dislocations or subluxations	94573 SJ56000	Closed injury, common digital nerve
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip	96569 S481A00	Open traumatic dislocation, subtalar joint
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve	97289 S421y00	Other open traumatic dislocation of elbow
 41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 	27602 S932.11	Open wound of finger with tendon injury
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow	2660 S28z.00	Ill-defined fractures of upper limb NOS
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury	17524 S831.00	Open wound of scalp with complication
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS	60556 SF20400	Closed crush injury, shoulder area
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication	41906 SD0y.00	Superficial injury of head NOS
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication 60556 SF20400 Closed crush injury, shoulder area	41907 SA20300	Open wound, heel
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication 60556 SF20400 Closed crush injury, shoulder area 41906 SD0y.00 Superficial injury of head NOS	71824 SJ59000	Closed injury, long thoracic nerve
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication 60556 SF20400 Closed crush injury, shoulder area 41906 SD0y.00 Superficial injury of head NOS Open wound, heel	73479 S130200	Closed fracture acetabulum, anterior column
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication Closed crush injury, shoulder area 41906 SD0y.00 Superficial injury of head NOS Open wound, heel 71824 SJ59000 Closed injury, long thoracic nerve	31766 S464.00	Open traumatic dislocation of patello-femoral joint
E2216 C216100 Closed tracture applies trimelled on high tibular tracture		·
7159 S363.00 Fracture of other toe	7159 S363.00	Fracture of other toe
37582 S4D1400 Open fracture-dislocation, proximal interphalangeal joint	37582 S4D1400	Open fracture-dislocation, proximal interphalangeal joint
10167 S2411 Hand fracture - carpal bone	10167 S2411	Hand fracture - carpal bone
41720 CD01 11 Abracian or friction burn of head infected	41720 SD01.11	Abrasion or friction burn of head, infected
41753 S4900 Other, multiple and ill-defined dislocations or subluxations		
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41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve		•
 41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 	•	
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow		
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41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS		
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication		•
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41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication 60556 SF20400 Closed crush injury, shoulder area	•	
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication 60556 SF20400 Closed crush injury, shoulder area 41906 SD0y.00 Superficial injury of head NOS	41907 SA20300	Open wound, heel
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication 60556 SF20400 Closed crush injury, shoulder area 41906 SD0y.00 Superficial injury of head NOS	71824 SJ59000	Closed injury, long thoracic nerve
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication 60556 SF20400 Closed crush injury, shoulder area 41906 SD0y.00 Superficial injury of head NOS Open wound, heel	73479 S130200	Closed fracture acetabulum, anterior column
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve 96569 S481A00 Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication Closed crush injury, shoulder area 41906 SD0y.00 Superficial injury of head NOS Open wound, heel 71824 SJ59000 Closed injury, long thoracic nerve		
41753 S4900 Other, multiple and ill-defined dislocations or subluxations 30363 7L0G000 Open reduction of congenital dislocation of hip 94573 SJ56000 Closed injury, common digital nerve Open traumatic dislocation, subtalar joint 97289 S421y00 Other open traumatic dislocation of elbow 27602 S932.11 Open wound of finger with tendon injury 2660 S28z.00 Ill-defined fractures of upper limb NOS 17524 S831.00 Open wound of scalp with complication Closed crush injury, shoulder area 41906 SD0y.00 Superficial injury of head NOS 41907 SA20300 Open wound, heel 71824 SJ59000 Closed injury, long thoracic nerve 73479 S130200 Closed fracture acetabulum, anterior column	02.000.00	- para a same and a same a parent of the fall of the f

55102	SF3z.00	Crush injury, lower limb NOS
42867	SB4X.00	Injury of unspecified blood vessel at hip & thigh level
70795	SJ52300	Closed injury, ulnar nerve, deep motor
12767	SD51.00	Abrasion or friction burn of finger, infected
55644	SH12111	Ear - 2nd degree burn
34195	S134800	Closed fracture dislocation of sacro-iliac joint
60627	S615.00	Open hindbrain contusion
28196	SJ31.11	Dorsal nerve root injury
28149	7K6G000	Primary closed reduction # dislocation jnt+skeletal traction
2887	7K1L100	Manipulation of fracture of bone NEC
1548	S228.00	Fracture of lower end of humerus
42186	7K1Jy00	Closed reduction of bone fracture and internal fixation OS
21040	SH42.00	Partial thickness burn of the wrist and hand
10735	S2111	Shoulder blade fracture
52650	TG80D00	Accidental burning or scalding by steam from car radiator
520	S31z.00	Fracture of femur, NOS
69362	7K6H411	Remanipulation of fracture dislocation alone
20249	SH93.00	Full thickness burn NOS
42430	SC15.11	Late effect of burn of head or neck
2215	SH90.00	Unspecified degree of burn NOS
	S261800	Open fracture thumb distal phalanx
70883	SJ1y.00	Other specified cranial nerve injury
56998	SH43300	Full thickness burn of more than one finger
28118	S333000	Open fracture shaft of tibia
65769	S833300	Open wound of nasal sinus with complication
	SH30x00	Unspecified thickness burn of multiple sites of the arm
64777	S131z00	Open fracture acetabulum NOS
42937	TK71.00	Suicide+selfinflicted injury-jump from oth manmade structure
	TD15.00	Burning caused by conflagration in other structure/building
17057	SF31100	Crush injury, knee
	S3x4.00	Multiple fractures of foot
	SD20300	Abrasion, upper arm
	S4411	Dislocation of thumb
	TN80.00	Injury ?accidental, by jumping or lying before moving object
	S4H1400	Open fracture-dislocation, IPJ, single toe
	SD6y000	Superficial injury of hip NOS
	7K6G500	Closed reduction of dislocation of wrist
	S132100	Closed fracture pelvis, multiple pubic rami - stable
	S230z00	Closed fracture of proximal forearm not otherwise specified
	SA23000	Degloving injury foot, plantar
	N083.11	Redislocation of joint
42968	S104000	Closed fracture lumbar vertebra, burst
	S490000	Closed dislocation of cervical spine, unspecified
	SA300	Open wound of toe(s)
	S836200	Open wound of gum
	S023.11	Fracture of lower jaw, open
	SE22.00	Contusion, abdominal wall
	S23z.00	Fracture of radius and ulna, NOS
	S114.00	Closed fracture of lumbar spine with spinal cord lesion
99957	SJ6x.00	Other pelvic girdle and lower limb peripheral nerve injury

20004 6022000	
29091 S022000 43342 S837200	Closed fracture mandible (site unspecified) Open wound of gum with complication
43596 S421000	Open traumatic dislocation of elbow, unspecified
43418 S624.11	Epidural haematoma following injury
44844 S234C00	Closed fracture distal radius, intra-articular, die-punch
44844 3234C00 44826 S121200	· · · · · · · · · · · · · · · · · · ·
7576 SD15	Open fracture of two ribs Friction burns
43355 TN85.00	Injury ?accidental, by crashing of motor vehicle
72392 SJ41z00	
65493 7G2C500	Sympathetic nerve injury NOS
	Tangent excision of burnt skin of head or neck
63071 S4D2500 9917 S347.00	Closed fracture-subluxation, interphalangeal joint thumb
94236 S4J1000	Open fracture dislocation of stornum
	Open fracture-dislocation of sternum
106186 SB1y500 17921 S4C2.00	Hemiazygos vein injury Closed fracture-subluxation of the wrist
43730 7J03300	Reduction of closed fracture of orbit bone
43735 SH41200	Superficial burn of the thumb
43741 SJ10.11 8255 S1000	Third cranial nerve injury
44841 SH43400	Fracture of spine without mention of spinal cord injury Full thickness burn of the thumb and finger(s)
67011 S261x00	Open fracture of phalanx or phalanges, multiple sites
37662 S310000	Closed fracture of femur, unspecified part
21248 SJ51.00 97120 S101211	Median nerve injury C2 vertebra open fracture without spinal cord lesion
46456 TKx1.00	Suicide and selfinflicted injury by burns or fire
103279 SH24000 48739 S933300	Deep full thickness burn of trunk unsp, no loss of body part
44156 S241400	Ring avulsion injury, class 2
44136 S241400 44226 S86z.00	Open fracture pisiform Open wound of back NOS
44226 3862.00 44276 S331300	Open fracture proximal tibia, medial condyle (plateau)
34351 S300600	Closed fracture proximal femur, subcapital, Garden grade I
106986 S710300	
71454 TN0z.00	Heart laceration, closed with penetration of heart chamber Injury ?accidental, poisoning by solid or liquid subst NOS
106486 S620z00	Subarach h'ge inj no open intracran wnd + concussion unspec
69933 SC44000	Sequelae of burn, corrosion and frostbite of trunk
4737 S34x.00	Closed fracture ankle, unspecified
54198 7K6H200	Secondary open reduction fracture dislocation of joint NEC
66774 S235z00	Open fracture of forearm, lower end, NOS
51946 S4D3300	Open fracture-subluxation, distal interphalangeal joint
68428 SJ7y.00	Multiple nerve injury NOS
44522 SE40.00	Contusion, hip and thigh
51700 S261U00	Open fracture finger distal phalanx, tuft
23080 TK300	Suicide + selfinflicted injury by hang/strangulate/suffocate
28841 SH33100	Full thickness burn of the forearm
63679 S011.00	Closed fracture base of skull with intracranial injury
73234 S301y11	Open fracture of femur, subcapital
42121 SE41.00	Contusion, knee and lower leg
33845 S260U00	Closed fracture finger distal phalanx, tuft
42502 SC01.00	Late effect of fracture of spine/trunk without cord lesion
47478 S280.00	Closed ill-defined fractures of upper limb
7/7/0 3200.00	ciosca in actifica fractares of apper millo

47274 T032.00	Train accident involving burning
71282 S303200	Open fracture proximal femur, subtrochanteric
106473 SF32500	Open crush injury, ankle
44652 S4C2000	Closed fracture-subluxation, distal radio-ulnar jt
52083 S224500	Closed fracture of distal humerus, trochlea
55627 S101.00	Open fracture of cervical spine
64222 7K1Kz00	Closed reduction of bone fracture and external fixation NOS
27854 S134600	Closed fracture pelvis, iliac wing
98600 S780200	Bile duct/gallbladder injury without open wound into cavity
55939 S353700	Open fracture metatarsal
27567 S352C00	Closed fracture metatarsal shaft
3555 SE05.00	Contusion, ear
6320 S312100	Closed fracture of femoral condyle, unspecified
64112 S80y.00	Other open ocular adnexa wound
44737 S260J00	Closed fracture finger proximal phalanx, multiple
21816 SH11000	Superficial burn of unspecified part of the face or head
4860 SA12	Laceration - leg
100158 7K6GS00	Primary closed reduction of dislocation and skin traction
99364 S741200	Liver minor laceration with open wound into cavity
34429 S4C0.00	Closed fracture dislocation of wrist
57405 SH54200	Deep full thickness burn of foot without loss of body part
53348 7K1Fy00	Primary open reduction of intraarticular fracture bone OS
101109 S451z00	Open traumatic dislocation of hip not otherwise specified
44868 SH41.00	Superficial burn of the wrist and hand
34371 S230400	Closed fracture of proximal ulna, comminuted
70282 S025.11	Fracture of upper jaw, open
94450 S010200	Closed #skull bse no intracranial injury, <1hr loss of consc
16522 SAz00	Open wound of lower limb NOS
65273 SJ30000	Cervical nerve root injury - C1
45094 S260W00	Closed fracture finger distal phalanx, multiple
2461 S0100	Fracture of base of skull
104988 SD1zz00	Superficial injury of trunk NOS, infection NOS
39708 S4D0200	Closed fracture-dislocation IPJ, unspecified
40325 SH51.00	Superficial burn of the leg
39666 S722100	Closed injury of oesophagus Closed fracture hamate, hook
39458 S240900	Closed fracture hamate, hook
66916 S923100	Degloving injury hand, dorsum
56327 \$721.00	Open injury of diaphragm
39396 S303400	Open fracture of femur, intertrochanteric
107741 S234A12	Closed dorsal Barton fracture-subluxation
39376 S837400	Open wound of tongue with complication
105406 SJ22100	Complete lumbar cord injury without bony injury
62960 S4B0100	Closed fracture-dislocation superior radio-ulnar joint
70436 S732.00	Small intestine injury without open wound into cavity
39289 S430300	Closed traumatic dislocation mid carpal joint
105816 S345100	Open fracture ankle, bimalleolar, high fibular fracture
88998 SH12311	Lip - 2nd degree burn
12607 SD70.00	Abrasion/friction burn of foot and toe, without infection
92830 SR12000	Closed fractures involving multiple regions of one upp limb
49870 7K1G000	Prmy open reduction of fracture and skeletal traction

720	C12 00	Fracture or discussion of polyic
	S1300 SF400	Fracture or disruption of pelvis Crush injury, multiple and unspecified sites
	SH31400	Superficial burn of the axilla
	SC1A.00	Late effect of burn of upper limb
	S89vz00	Other and unspecified open wound of trunk, NOS
	SD81.00	Superficial injury of cornea
	SH12J00	Deep partial thickness burn of the cheek
	SH40x00	Unspecified thickness burn of multiple sites of wrist/hand
	S100111	C1 vertebra closed fracture - no spinal cord lesion
	S4F2.00	Closed fracture-subluxation, knee joint
	SD1yB00	Superficial injury scrotum+testis NOS without mj open wound
	S7B00	Injury of intra-abdominal organ(s) with pelvic organ(s)
	SH10400	Unspecified thickness burn of the chin
	SH82z00	Burn: 20-29% of body surface NOS
	SE42.00	Contusion, ankle and foot, excluding toe(s)
	S726.00	Injury of pleura
	S89wz00	Other and unspecified open wound trunk with complication NOS
	7K1L900	Closed reduction of fracture of metatarsus
	SR12.00	Fractures involving multiple regions of one upper limb
	SB45300	Posterior tibial artery injury, unspecified
	S250B00	Closed fracture thumb metacarpal neck
	SF21500	Open crush injury, elbow area
	S251400	Open fracture finger metacarpal neck
	S251400 S252.00	Closed fracture sesamoid bone of hand
	SD11900	Abrasion of perineum, infected
	S232.00	Closed fracture of radius and ulna, shaft
	S492000	Closed dislocation lumbar spine
		Open fracture finger distal phalanx, shaft
	S261T00 S340.00	
		Closed fracture ankle, medial malleolus
	TN54.00	Injury ?accidental, by other firearm
	SB40.00	Common femoral artery injury
	S024z00	Fracture of malar or maxillary bones, closed, NOS
	S353E00	Open fracture metatarsal head
	S023.00	Fracture of mandible, open
	TG80700	Accidental burning or scalding caused by coffee
	S261H00	Open fracture finger proximal phalanx, head
	TG80y00	Accidental burning or scalding caused by other hot vapour
	S101711	C7 vertebra open fracture without spinal cord lesion
	SE23z00	Contusion, back NOS
	S352H00	Closed fracture of cuneiforms
	S022100	Closed fracture of mandible, condylar process
	SB30z00	Axillary blood vessel injury NOS
	S4C3.00	Open fracture-subluxation of the wrist
	SH80z00	Burn:<10% of body surface NOS
	S82vz00	Other open wound of ear NOS
	S603.00	Concussion with >24 hrs loss of consc with full recovery
	SE1z.11	Eye injury
	S4C00	Fracture-dislocation or subluxation of wrist
	S490x00	Closed dislocation of multiple cervical vertebrae
3937	S352700	Closed fracture metatarsal

	\$493.00	Open dislocation of thoracic and lumbar spine
	SE07.00	Contusion, throat
	SD6y.00	Superficial injury of lower limb NOS, without infection
	S492.11	Closed dislocation of thoracic and lumbar vertebra
	S4D0100	Closed fracture-dislocation, metacarpophalangeal joint
	S033.00	Open fracture of skull NOS with intracranial injury
	SD30100	Abrasion, forearm area
	SD3z200	Superficial injury of wrist NOS, infected
	S33x.11	Lower leg fracture NOS
	S910000	Open wound of forearm
	N083I00	Recurrent dislocation of the hip
	SD1y700	Superficial injury of flank NOS, without major open wound
	SE01.00	Contusion, cheek
	S836500	Open wound of mouth floor
	S737.00	Injury of small intestine
	7K6G.00	Primary closed reduction of traumatic dislocation of joint
54660	S320300	Closed fracture patella, vertical
	SH54000	Deep full thickness burn of leg unsp, no loss of body part
	SC06.00	Late effect of dislocation
	7K6GE00	Closed reduction of dislocation of toe
	S343100	Open fracture ankle, lateral malleolus, high
	TK01400	Suicide and self inflicted injury by Phenobarbitone
	SJ34.00	Brachial plexus injury
	SF10200	Crush injury, vulva
104950	SH44.13	Deep third degree burn of thumb, without loss of a body part
	S1400	Fracture of ill-defined bones of trunk
37116	SH70100	Burn of the gum
34993	S4J0.00	Other closed fracture-dislocation
50270	SR1z.00	Multiple fractures, unspecified
49140	SJ32000	Lumbar nerve root injury - L1
32400	TG80300	Accidental burning or scalding caused by steam
44548	SD20000	Abrasion, shoulder area
70479	S303z00	Open fracture of proximal femur, pertrochanteric, NOS
	SK14.11	Tendon injury to hand NOS
	S001.00	Closed fracture vault of skull with intracranial injury
	TN000	Injury ?accidental, poisoning by solid/liquid substances
58616	SB4z.00	Leg blood vessel injury NOS
59904	S130y00	Other specified closed fracture acetabulum
94352	SF31z00	Crush injury, knee and lower leg NOS
29517	SJ64.00	Cutaneous sensory nerve of lower limb injury
64595	SJ41100	Coeliac plexus injury
36599	S300800	Closed fracture proximal femur, subcapital, Garden grade III
60633	S023100	Open fracture of mandible, condylar process
66411	S84x000	Open wound of neck nape
73702	SA00z00	Open wound hip and thigh, NOS
8968	S120A00	Cough fracture
31136	SH40200	Unspecified thickness burn of the thumb
42960	7K6FM00	Primary open reduction of # dislocation+fixation+screw(s)
54766	SH43600	Full thickness burn of the back of hand
62648	SC3C300	Seq of crushing injury+traumatic amputation of upper limb

	SH30200	Unspecified thickness burn of the elbow
	7K1Dy00	Prim open reduction fracture bone & intramedullary fixatn OS
	S100900	Closed fracture atlas, comminuted
	7K6F500	Primary open reduction of dislocation alone
	S330.00	Closed fracture of tibia and fibula, proximal
	S242300	Multiple fractures of metacarpal bones
	S3000	Fracture of neck of femur
	S63z.00	Other cerebral haemorrhage following injury NOS
	TNz00	Injury undetermined accidental or purposely inflicted NOS
	S902.11	Open wound of arm with tendon injury
	SH24400	Deep full thickness burn of back without loss of body part
	SH53200	Full thickness burn of the foot
	TK12	Injury - self-inflicted
	7K1JJ00	Revision to wire fixation of fracture
	SB011	Injury to blood vessel of neck
	SJ56300	Open injury, common digital nerve
	S8011	Open wound of eyelid
	SH52600	Superficial partial thickness burn of the thigh
	S242000	Fracture of scaphoid
	63CB.00	Risk of non-accidental injury
	SF22600	Open crush injury wrist, dorsum
	S113000	Opn spinal fracture with unspec thoracic cord lesion, T1-6
	S350.12	Os calcis fracture
	SE311	Arm bruise
	S353100	Open fracture of talus
	S7900	Internal injury NOS
	S441.00	Open traumatic dislocation digit
	SH21600	Superficial burn of the genitalia
	SE30200	Contusion, axillary area
	SK1FX00	Injury of unspecified muscle & tendon of ankle and foot
	S630.12	Intracranial haematoma following injury
	SH32300	Superficial partial thickness burn of the upper arm
	S313500	Open fracture distal femur, lateral condyle
	SA4z.00	Multiple and unspecified open wound of lower limb NOS
	SJ63000	Closed injury common peroneal nerve
	SK10500	Other nose injuries
	SA20200	Open wound foot, dorsum
	S028200	Fracture of malar and maxillary bones
	S211300	Open fracture scapula, glenoid
70994	TN1z.00	Injury ?accidental, poisoning by gas in domestic use NOS
34761	SJ60.00	Sciatic nerve injury
44343	S02A.00	Le Fort I fracture maxilla
28966	7J43000	Primary open reduc spinal fracture+internal fix+plate
	S371.00	Open fracture of lower limb, level unspecified
	SE11.12	Bruise of periocular tissue
28226	SJ53100	Closed injury, radial nerve, sensory branch
70146	SB45200	Anterior tibial vein injury
63895	S821000	Open wound of external ear with complication, unspecified
40368	S370.00	Closed fracture of lower limb, level unspecified
54602	SF22500	Closed crush injury hand, palm

35265	S440200	Closed traumatic interphalangeal dislocation
	SJ5z.00	Shoulder girdle or upper limb peripheral nerve injury NOS
	S4H2200	Closed fracture-subluxation, tarsometatarsal joint
94435	S211z00	Open fracture of scapula NOS
	SD80011	Abrasion or friction burn of eyelid
34980	N082.11	Spontaneous joint dislocation
1742	S234200	Closed fracture of the distal radius, unspecified
35133	SP04X00	Dislocation of joint prosthesis
73802	SH52700	Deep partial thickness burn of the leg, unspecified
17138	7J17700	Traction for fracture of jaw
68992	7K1H400	Secondary open reduct fracture bone & external fixation \ensuremath{HFQ}
55433	SD1y.00	Superficial injury trunk NOS, without major wound/infection
70610	S833000	Open wound of nose with complication, unspecified
35031	S232300	Closed fracture radius and ulna, middle
44786	S331400	Open fracture proximal tibia, lateral condyle (plateau)
53677	S224900	Closed fracture distal humerus, bicondylar (T-Y fracture)
64685	SJ20900	Central cervical cord injury, without bony injury, C5-7
44323	SJ55.00	Cutaneous sensory nerve injury of upper limb
34970	S912200	Open wound of wrist with tendon involvement
102245	SK17700	Popliteus injury of knee
70484	S77v200	Prostate injury without mention of open wound into cavity
34907	S210200	Closed fracture scapula, coracoid
36784	SH52900	Deep partial thickness burn of the foot
28926	7J12100	Open reduction of fracture of mandible NEC
23471	S410000	Closed traumatic dislocation shoulder joint, unspecified
53481	SH34200	Deep full thickness burn of elbow without loss of body part
34827	TN83.00	Injury ?accidental, by extremes of cold
34826	S835200	Open wound of forehead with complication
70313	S77w200	Prostate injury with open wound into cavity
61936	S430111	Radioulnar dislocation - distal
63992	SJ1y000	Olfactory (1st) nerve injury
25907	SK15400	Finger injury
63542	S901200	Open wound of axillary region with complication
34730	S235700	Open Smith's fracture
97292	SH94.00	Deep full thickness burn, without loss of body part, NOS
18389	S234000	Closed fracture of forearm, lower end, unspecified
34708	S134100	Closed fracture pelvis, ischium
28731	S4F1.00	Open fracture-dislocation, knee joint
40579	TG80400	Accidental burning/scalding by boiling water from kettle
55814	S241A00	Open fracture scaphoid, proximal pole
34453	SE24000	Contusion, perineum
34426	S230500	Closed fracture of the proximal ulna
26304	SB12.00	Subclavian artery injury
70590	S23y000	Open fracture of forearm, unspecified
3038	S834300	Open wound of eyebrow
8410	S231B00	Open fracture olecranon, intra-articular
34396	7K1G100	Prmy open reduction of fracture and external fixation
102735	S110700	Cls spinal fracture with complete cervcl cord lesion, C5-7
6213	S23C.00	Fracture of lower end of both ulna and radius
56750	SH12.11	Blister of face, head and neck, second degree burn

28846 S8100	Open wound of eyeball
12770 S6100	Cerebral laceration and contusion
32771 8BC7.00	Glueing of wound
16659 SC16.00	Late effect of burn of wrist and hand
56746 SH23500	Full thickness burn of the buttock
105532 S802.11	Laceration of lacrimal passage
5345 S4A00	Fracture-dislocation or subluxation shoulder
108187 TK53.00	Suicide and selfinflicted injury by military firearms
24620 S352B00	Closed fracture metatarsal base
34302 S4G0.00	Closed fracture-dislocation, ankle joint
28913 S022400	Closed fracture of mandible, ramus, unspecified
61426 TN800	Injury ?accidental, by other means
70083 SB21100	Hepatic vein injury
61254 SH13.00	Full thickness burn of the face, head or neck
63588 S235E00	Open fracture distal radius, intra-articular other type
59959 S001z00	Closed #skull vlt with intracranial injury+concussion unspec
73430 S000z00	Closed #skull vlt no intracranial injury + concussion unspec
34172 S225.00	Open fracture of the distal humerus
25765 S44z.00	Dislocation of finger or thumb not otherwise specified
40268 S234800	Closed Galeazzi fracture
34151 S334000	Closed fracture distal tibia, extra-articular
34121 S421.00	Open traumatic dislocation elbow joint
42963 SD50200	Abrasion, finger, multiple
72611 S882200	Degloving injury scrotum
47783 SH21400	Superficial burn of the back (excluding buttock)
38590 S4J1.00	Other open fracture-dislocation
59729 SJ67X00	Injury of unspecified nerve of ankle and foot
73437 SH85400	Burn: 50-59% of body surface, 40-49% BS full thickness
6839 S339000	Closed fracture of distal fibula
37851 TG80600	Accidental burning or scalding caused by tea
32660 SJ35.00	Lumbosacral plexus injury
7489 SD6y400	Superficial injury of ankle NOS
25669 SE30300	Contusion, upper arm
41824 SH41400	Superficial burn of the thumb and finger(s)
43792 S24z.00	Fracture of carpal bone NOS
53688 S221000	Open fracture of proximal humerus, unspecified part
60778 S420y00	Other closed traumatic dislocation of elbow
8633 SF100	Crush injury, trunk
20253 S352000	Closed fracture of tarsal bone, unspecified
33933 S230000	Closed fracture of proximal forearm, unspecified part
50227 S321000	Open fracture patella, transverse
17097 TN00	Injury undetermined whether accidentally/purposely inflicted
43301 S490111	Closed dislocation of atlanto-axial joint
33905 S250200	Closed fracture finger metacarpal base
52406 S220500	Closed fracture of humerus, upper epiphysis
38620 SJ67200	Injury of cutaneous sensory nerve at ankle and foot level
103416 S261C00	Open fracture thumb distal phalanx, mallet
31073 S411411	Open dislocation of acromioclavicular joint
33866 S261M00	Open fracture finger middle phalanx, shaft
65890 SH24300	Deep full thickness burn of abdom.wall, no loss of body part

00563	CD 40000	Classed injury, common formarel autom.
	SB40000	Closed injury, common femoral artery
	TN3y.00	Injury ?accidental, other means of hang/strangle/suffocate
	7206400 S235500	Open reduction of fracture of orbit and internal fixation Open fracture distal ulna - other
	S333z00	Open fracture distardina - other Open fracture of tibia and fibula, shaft, NOS
	7K1L800	Closed reduction of fracture of ankle
	S490700	Closed dislocation C6/C7
	S781211	·
	Q203600	Bile duct injury with open wound into cavity Other dislocation or subluxation due to birth trauma
	7K6G800	Closed reduction of dislocation of upper limb
	S49y.00	Other open multiple and ill-defined dislocation
	SJ21600	Unspecified thoracic cord injury, without bony injury, T7-12
	7K6Gz00	Primary closed reduction of traumatic joint dislocation NOS
	SJ5X.00	Injury of unspecified nerve at wrist and hand level
	S605.00	Concussion with loss of consciousness of unspec duration
	SC15.00	Late effect of burn of eye, head and neck
	SF20800	Closed crush injury, clavicular area
	S331011	Open fracture of tibial condyles
	SH22A00	Deep partial thickness burn of the abdominal wall
	S821100	Open wound of ear auricle with complication
	S260400	Closed fracture thumb proximal phalanx, base
	SH12000	Superficial part. thickness burn unspecified part face/head
	SD2y000	Superficial injury shoulder NOS
	S231.00	Open fracture of proximal radius and ulna
	SF22400	Closed crush injury hand, dorsum
	S613.00	Cortex laceration with open intracranial wound
	S94z.00	Multiple and unspecified open wound of upper limb NOS
	SJ13.11	Sixth cranial nerve injury
	S4A1100	Open fracture-dislocation acromio-clavicular joint
	SD00.00	Abrasion or friction burn of head, without infection
	S294.00	Fractures involving multiple regions of both upper limbs
	SJ58.00	Supraclavicular nerve injury
	S331100	Open fracture proximal fibula
	S2912	Multiple rib fractures
	S224z00	Closed fracture of distal humerus, not otherwise specified
	S33x000	Closed fracture of tibia, unspecified part, NOS
	S235211	Dupuytren's fracture, radius - open
	SE3z.00	Contusion, upper limb NOS
	S420z00	Closed traumatic dislocation of elbow NOS
	S410z00	Closed traumatic dislocation of shoulder NOS
	SH33200	Full thickness burn of the elbow
	SH53500	Full thickness burn of the knee
	SD0y100	Superficial injury of neck NOS
	S027.00	Open orbital blow-out fracture
12068	SE32.00	Contusion wrist or hand
	S73x000	Other GIT injury without open wound into cavity, unspecified
	SH61.00	Superficial burn of multiple specified sites
	SH50600	Unspecified thickness burn of the thigh
	S492100	Closed dislocation thoracic spine
	S236.00	Fracture of upper end of ulna
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33393	S320.00	Closed fracture of the patella
33368	S64z.00	Intracranial injury NOS
31963	\$850.00	Open wound of chest wall, uncomplicated
48665	SH05.00	Burn resulting in eyeball rupture and destruction of eyeball
72266	SJ30100	Cervical nerve root injury - C2
69702	7K1K700	Primary functional bracing of fracture
33745	SH43100	Full thickness burn of a single finger
50826	SJ6x000	Closed injury obturator nerve
31959	SB22300	Splenic artery injury
62334	S261F00	Open fracture finger proximal phalanx, shaft
4306	S360.00	Closed fracture of one or more phalanges of foot
102015	S733000	Small intestine injury with open wound into cavity, unspec
32744	SK1C000	Injury of flexor muscle and tendon of thumb at forearm level
29895	SE41z00	Contusion, knee and lower leg NOS
65484	S120600	Closed fracture of six ribs
32646	S225800	Open fracture distal humerus, capitellum
32638	S125200	Closed fracture of thyroid cartilage
32541	S900300	Open wound of upper arm
32476	S736.00	Injury of stomach
42969	S344000	Closed fracture ankle, bimalleolar, low fibular fracture
53651	S750.00	Closed injury of spleen
17350	SK1F.00	Injury of muscle and tendon at ankle and foot level
32276	SD400	Superficial injury of hand, excluding fingers
33413	SH43.00	Full thickness burn of the wrist and hand
38387	SH03.00	Acid chemical burn of cornea and conjunctival sac
24253	SH93.11	Third degree burn
22347	SD11.00	Abrasion or friction burn of trunk, infected
30617	S7311	GIT - gastrointestinal tract injury
31153	S02y100	Fracture of orbit NOS, open
39697	SD3zz00	Superficial injury of lower arm, infected NOS
31664	N082100	Pathological dislocation of the shoulder region
	SK1B.00	Injury of muscle + tendon of abdomen, lower back and pelvis
63065	SH44.11	Deep third degree burn of finger, without loss of a body part
73236	SH70z00	Burn of the mouth or pharynx NOS
64633	S497300	Open traumatic dislocation, sterno-clavicular joint, ant
91919	7K1G600	Primary open reduction of fracture and skin traction
17822	S230200	Closed fracture of ulna, coronoid
91592	SD0z200	Superficial injury of scalp NOS, infected
73428	SH53x00	Full thickness burn of multiple sites of the leg
	SH20100	Unspecified thickness burn of the breast
	S201.00	Open fracture of clavicle
	SD60200	Abrasion, knee
	S225100	Open fracture distal humerus, supracondylar
	SH13000	Full thickness burn of unspecified part of the face or head
	SD50000	Abrasion, finger
	SF311	Crush injury of leg
	SD00	Superficial injury
	S12X000	Closed fracture of bony thorax part unspecified
	S112700	Cls spinal fracture with complete thorac cord lesion, T7-12
	SA00	Open wound of lower limb
1444	J,00	Open would of lower milio

31525 S250000	Closed fracture of metacarpal bone (s), site unspecified
89232 SH12600	Superficial partial thickness burn of the scalp
31427 S900.00	Open wound of shoulder/upper limb without complication
51179 SJ31400	Thoracic nerve root injury - T5
12288 SD31000	Abrasion of elbow, infected
55077 7K1LC00	Closed reduction of fracture of lower limb
10570 S30y.11	Hip fracture NOS
108596 S4H1100	Open fracture-dislocation, midtarsal joint
4350 7J13400	Reduction of Le Fort 1 fracture of maxilla
27984 SJ52400	Open injury, ulnar nerve
37496 S835100	Open wound of cheek with complication
30990 S832300	Open wound of nasal sinus
30976 TD07.00	Accident due to fall from burning private dwelling
60580 S4A2000	Closed fracture-subluxation shoulder joint
24929 SD70.11	Abrasion or friction burn of heel, without infection
106501 S497500	Open traumatic dislocation laryngeal cartilage
29959 7K6GJ00	Closed reduction of dislocation of nasal bone
6994 7J12.00	Reduction of fracture of mandible
30659 S227.00	Fracture of shaft of humerus
30159 SJ32400	Lumbar nerve root injury - L5
56804 \$894000	Open wound of hypochondrium
11872 7K1LV00	Primary closed reduction of fracture alone
6062 S356.00	Fracture of metatarsal bone
30611 S352111	Closed fracture of astragalus
55195 S11z.00	Fracture of spine with spinal cord lesion NOS
72600 S106100	Closed vertical fracture of sacrum
30424 SR00	Injury involving multiple body regions
93559 SJ31200	Thoracic nerve root injury - T3
93901 SH55200	Deep full thickness burn of foot, with loss of body part
17606 S240700	Closed fracture capitate
54797 \$490100	Closed dislocation atlanto-occipital joint
53923 S27z.00	Multiple fractures of hand bones NOS
30324 SH42300	Superficial partial thickness burn of more than one finger
44142 S225000	Open fracture of elbow, unspecified part
43448 S135400	Open fracture pelvis, anterior superior iliac spine
94607 SJ20200	Anterior cervical cord injury, without bony injury, C1-4
30213 7K1L300	Remanipulation of fracture of bone NEC
44924 S235200	Open fracture of the distal radius, unspecified
30203 S028.00	Fracture of skull and facial bones
30629 TH00	Late effects due to accidental injury
68300 SH12811	Cheek - 2nd degree burn
30133 S440500	Closed traumatic dislocation, interphalangeal joint, thumb
36139 SF22z00	Crush injury, wrist and hand NOS
35874 S480600	Closed traumatic dislocation toe, IPJ, single
12405 SD01.00	Abrasion or friction burn of head, infected
51999 S301900	Open fracture proximal femur, subcapital, Garden grade IV
8891 S300	Fracture of lower limb
30058 S1011	Fracture of transverse process spine - no spinal cord lesion
11639 S134z00	Other or multiple closed fracture of pelvis NOS
29985 SD61300	Abrasion of lower leg, infected
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50433	SH22200	Superficial partial thickness burn of the chest wall
	N083611	Knee - recurrent dislocation
48837	S261S00	Open fracture finger distal phalanx, base
64871	N082N00	Neuromuscular dislocation of the hip
25519	S250300	Closed fracture finger metacarpal shaft
89101	7206800	Internal fixation of fracture of orbit
35905	7K6F000	Primry opn redctn of # dislocation of jt + skeletal traction
93851	S001300	Closed #skull vlt + intracranial injury, 1-24hr loss consc
36464	S222.00	Closed fracture of humerus, shaft or unspecified part
105702	S100B00	Closed fracture axis, spondylolysis
29796	\$400.00	Closed dislocation of jaw
4884	SH20400	Unspecified thickness burn of the back (excluding buttock)
29089	S104400	Closed fracture lumbar vertebra, transverse process
12069	SE30.00	Contusion, shoulder or upper arm
61521	SJ600	Pelvic girdle and lower limb peripheral nerve injury
69729	S261J00	Open fracture finger proximal phalanx, multiple
33520	S332200	Closed fracture of tibia and fibula, shaft
31032	7L0H000	Open reduction of congenital dislocation of knee
33978	SA33.00	Degloving injury toe(s)
62286	SJ21.00	Thoracic cord injury without spinal bone injury
105348	SH44400	Deep full thickness burn of thumb+fing, no loss of body part
2206	SH50000	Unspecified degree burn of the leg, unspecified
32432	TG8y.00	Accidental burning caused by other hot substance or object
38028	S210000	Closed fracture of scapula, unspecified part
29309	S711	Blast injury to internal organs
7265	SH91.00	Superficial burn NOS
43891	TN400	Injury ?accidental, drowning
24516	S260D00	Closed fracture finger proximal phalanx
62810	7K6F700	Primary open reduction of dislocation+cast immobilisation
29152	S231100	Open fracture olecranon, extra-articular
29928	SB30.00	Axillary blood vessel injury
40535	S260z00	Closed fracture of one or more phalanges of hand NOS
29134	TN500	Injury ?accidental, by firearms and explosives
30429	7K1F.00	Primary open reduction of intraarticular fracture of bone
92349	S4D3500	Open fracture-subluxation, interphalangeal joint thumb
29121	S332.00	Closed fracture of tibia/fibula, shaft
32826	S912100	Open wound of elbow with tendon involvement
29111	S251.00	Open fracture of metacarpal bone(s)
23690	SJ800	Injury of nerves and spinal cord at neck level
23803	S301800	Open fracture proximal femur, subcapital, Garden grade III
72274	S82w.00	Other open wound of ear with complication
31933	7J41.00	Decompression of fracture of spine
29723	N082611	Knee pathological dislocation
72598	SD1zD00	Superficial injury of vagina NOS, infected
60619	SH52D00	Deep partial thickness burn of the thigh
92309	S895400	Open wound of flank with complication
	S304.00	Pertrochanteric fracture
	SJ40.00	Cervical sympathetic nerve injury
	SJ5B.00	Anterior interosseous nerve injury
	SD2y200	Superficial injury of axilla NOS
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28807 S62.12 28807 S62.12 2890 Open wound of upper limb 5395 193001 5395 S330011 5398 S234111 5388 S280000 5395 S234111 5388 S260000 5395 S240000 5395 S260000 5396 S2700 5395 S260000 5396 S2700 5397 S7600 54032 SK1A.00 54033 SK1A000 54033 SK1A000 54033 SK1A000 54033 SK1A000 54034 SK1A000 54034 SK1A000 54035 SK1A000 54035 SK1A000 54036 SK1A000 54037 SK1D00 54030 SK1A000 54030	103528 S493100	Open dislocation thoracic spine
1539 S900 Open wound of upper limb 33951 S330011 Closed fracture of tibial condyles 2388 S234111 Smith's fracture - closed 48754 SC44200 Seq/burn+corros classfbl only accord extent/body surf involv 1303 SC00.11 Late effect of face fracture 24702 S132200 Closed fracture of phalanx or phalanges, unspecified 25314 TN04.00 Injury ?accidental, poisoning by other spec drug/medicament 25702 S132200 Closed fracture pubis NOS 258691 F4K3300 Posterior dislocation of lens 258406 SB24000 Renal blood vessel injury, unspecified 2595 SH30500 Unspecified thickness burn of the shoulder 261378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 2574 S833100 Open wound of nasal septum with complication 2574 S474400 Open wound of shoulder region and upper limb 2575 Sp0.00 Open wound of shoulder region and upper limb 2776 Injury of multiple muscles and tendons at hip + thigh level 2776 Closed fracture sternum 2777 S102200 Spinal cord injury without spinal bone injury NOS 2777 Injury to kidney NOS 2778 S76.00 Injury of muscle and tendon at thorax level 2778 S611 Cerebellar laceration and contusion 2779 S779.00 SF10.00 Popen rouse injury of hand 2779 S779.00 SF10.00 Crush injury of the buttock 2779 S779.00 SF10.00 Crush injury, weternal genitalia 2779 S779.00 Crush injury, weternal genitalia 2779 S779.00 SF10.00 Closed fracture ervical vertebra, burst 2779 S7795 S7790 Open crush injury, hip 2779 Fracture of shaft of femur 2770 S102900 Closed fracture revical vertebra, burst 2771 S7790 S7790 Open crush injury, of hand 2771 S7790 S7790 Open crush injury of the buttock 2771 S7790 S7790 Open crush injury of the buttock 2771 S7790 Open crush injury of the buttock 2779 S7790 S7790 Open crush injury of the buttock 2779 S7790 S7790 Open crush injury of the buttock 2779 S7790 S7790 Open crush injury of the buttock 2779 S7790 S7790 Open crush injury of the butto	66697 SH32600	Superficial partial thickness burn of scapular region
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Say S234111 Smith's fracture - closed Seq/burnt-corros classfbl only accord extent/body surf involv Late effect of face fracture Closed fracture of phalanx or phalanges, unspecified Injury ?accidental, poisoning by other spec drug/medicament Closed fracture pubis NOS Refel F4K3300 Posterior dislocation of lens P8460 SB24000 Renal blood vessel injury, unspecified S659 SH30500 Unspecified thickness burn of the shoulder Closed fracture of humerus, shaft or unspecified part NOS Open wound of nasal septum with complication Open wound of nasal septum with complication Open wound of shoulder region and upper limb Injury of multiple muscles and tendons at hip + thigh level Closed fracture sternum Superficial partial thickness burn of back (excl buttock) Fracture of bone of hand Open injury, digital artery Spans S122.00 Spinal cord injury without spinal bone injury NOS Injury to kidney NOS Injury of muscle and tendon at thorax level Cerebellar laceration and contusion Index20 Sc1x2.00 Injury of muscle and tendon at thorax level Cerebellar laceration and contusion Dasa Sc1x2.00 Unspecified injury of hand S7107 SH21500 Unspecified injury of hand S7107 SH21500 Unspecified injury of hand S7107 SH21500 Crush injury, external genitalia Open crush injury, hip Fracture of shaft of femur Closed fracture multiple phalanges, toe Accidental burning/scalding caused by boiling water, unspec Closed fracture cervical vertebra, burst Unspecified loyer fracture thoracic vertebra Fracture of shaft of femur Closed fracture remultiple phalanges, toe Accidental burning/scalding caused by boiling water, unspec Closed fracture remultiple phalanges, toe Accidental burning/scalding caused by boiling water, unspec Closed fracture cervical vertebra, burst Unspecified loyer fracture thoracic vertebra Fracture of shaft of femur Closed fracture indiving fracture thoracic vertebra Fracture of shaft of femur Closed fracture injury, hip Fracture of shaft of femur Closed fracture fractive injury-jump from natural sites Superficial partial thickness burn	53951 S330011	Closed fracture of tibial condyles
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Autor School Closed fracture of phalanx or phalanges, unspecified lnjury ?accidental, poisoning by other spec drug/medicament Closed fracture pubis NOS Posterior dislocation of lens Renal blood vessel injury, unspecified Unspecified thickness burn of the shoulder Closed fracture of humerus, shaft or unspecified part NOS Open wound of nasal septum with complication Other specified open surgical fracture of bone Open wound of shoulder region and upper limb Injury of multiple muscles and tendons at hip + thigh level Closed fracture sternum State Sta	48754 SC44200	Seq/burn+corros classfbl only accord extent/body surf involv
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S659 SH30500 Unspecified thickness burn of the shoulder 61378 S222200 Closed fracture of humerus, shaft or unspecified part NOS 65746 S833100 Open wound of nasal septum with complication 32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 12339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 14318 S79z.00 Internal injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Suicide+selfinflicted injury-jump from natural sites 00pen wound of toe(s) NOS 8urn of the trunk	28691 F4K3300	Posterior dislocation of lens
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32178 7K14y00 Other specified open surgical fracture of bone 28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 100 Injury to kidney NOS 100 Injury of muscle and tendon at thorax level 101 Cerebellar laceration and contusion 101 Section Brain cont no open intracranial wound + concussion unspector Late effect of intracranial injury without skull fracture 101 Section NOS 101 Superficial burn of the buttock 102 Section NOS 103 SK14000 Unspecified injury of hand 103 SK14000 Superficial burn of the buttock 104 Section NOS 105 Section NOS 106 Section NOS 107 SH21500 Superficial burn of the buttock 107 SH21500 Crush injury, external genitalia 107 SH21500 Open crush injury, hip 108 Section NOS 109 Section NOS 109 Section NOS 109 Section NOS 11770 SH20500 Closed fracture multiple phalanges, toe 11770 SH20500 Closed fracture cervical vertebra, burst 11770 SH20500 Other specified closed fracture thoracic vertebra 11770 SH22300 Closed fracture cervical vertebra, burst 11770 SH22300 Superficial partial thickness burn of the abdominal wall 1178 SH22300 Superficial partial thickness burn of the abdominal wall 1177 SH22300 Superficial partial thickness burn of the abdominal wall 11770 SH22300 Contusion, finger NOS 1113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 1176 SH2300 Open wound of toe(s) NOS 1113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 11790 SH2300 Open wound of toe(s) NOS 111 SH2.00 Burn of the trunk	61378 S222z00	Closed fracture of humerus, shaft or unspecified part NOS
28603 S9000 Open wound of shoulder region and upper limb 46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 S835100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 52339 S762.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury, NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA32.00 Open wound of toe(s) NOS 8urn of the trunk	65746 S833100	Open wound of nasal septum with complication
46673 SK1D100 Injury of multiple muscles and tendons at hip + thigh level 3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 S835100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 52339 S762.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury, NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA32.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	32178 7K14y00	Other specified open surgical fracture of bone
3983 S122.00 Closed fracture sternum 96082 SH22400 Superficial partial thickness burn of back (excl buttock) 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ22.00 Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 104318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	28603 S9000	Open wound of shoulder region and upper limb
96082 SH22400 12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Juspecified injury of hand 37107 SH21500 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS Suicide+selfinflicted injury-jump from natural sites 3669 SA3z.00 Open wound of toe(s) NOS Burn of the trunk	46673 SK1D100	Injury of multiple muscles and tendons at hip + thigh level
12516 S2B00 Fracture of bone of hand 68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	3983 S122.00	Closed fracture sternum
68516 SB35100 Open injury, digital artery 58996 SJ2z.00 Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	96082 SH22400	Superficial partial thickness burn of back (excl buttock)
Spinal cord injury without spinal bone injury NOS 52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61x200 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 8urn of the trunk	12516 S2B00	Fracture of bone of hand
52339 S76z.00 Injury to kidney NOS 44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	68516 SB35100	Open injury, digital artery
44032 SK1A.00 Injury of muscle and tendon at thorax level 48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	58996 SJ2z.00	Spinal cord injury without spinal bone injury NOS
48325 S6111 Cerebellar laceration and contusion 104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	52339 S76z.00	Injury to kidney NOS
104820 S61xz00 Brain cont no open intracranial wound + concussion unspec 4088 SC20.00 Late effect of intracranial injury without skull fracture 28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk	44032 SK1A.00	Injury of muscle and tendon at thorax level
28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS Burn of the trunk	48325 S6111	Cerebellar laceration and contusion
28416 S60z.00 Concussion NOS 18033 SK14000 Unspecified injury of hand 37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 8urn of the trunk	104820 S61xz00	
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37107 SH21500 Superficial burn of the buttock 24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 8urn of the trunk	28416 S60z.00	
24318 S79z.00 Internal injury NOS 27950 SF10.00 Crush injury, external genitalia 67571 SF30500 Open crush injury, hip 8646 S314.00 Fracture of shaft of femur 53905 S360300 Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk		
Sand Salation Fracture of shaft of femur Salation Salation Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec G7973 S100G00 Closed fracture cervical vertebra, burst Other specified closed fracture thoracic vertebra Fracture of radius and ulna Specifical partial thickness burn of the abdominal wall Should Shou		Superficial burn of the buttock
Sand Salation Fracture of shaft of femur Salation Salation Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec G7973 S100G00 Closed fracture cervical vertebra, burst Other specified closed fracture thoracic vertebra Fracture of radius and ulna Specifical partial thickness burn of the abdominal wall Should Shou		Internal injury NOS
Sand Salation Fracture of shaft of femur Salation Salation Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec G7973 S100G00 Closed fracture cervical vertebra, burst Other specified closed fracture thoracic vertebra Fracture of radius and ulna Specifical partial thickness burn of the abdominal wall Should Shou		Crush injury, external genitalia
Sand Salation Fracture of shaft of femur Salation Salation Closed fracture multiple phalanges, toe 4847 TG80000 Accidental burning/scalding caused by boiling water, unspec G7973 S100G00 Closed fracture cervical vertebra, burst Other specified closed fracture thoracic vertebra Fracture of radius and ulna Specifical partial thickness burn of the abdominal wall Should Shou		Open crush injury, hip
4847 TG80000 Accidental burning/scalding caused by boiling water, unspec 67973 S100G00 Closed fracture cervical vertebra, burst 11770 S102y00 Other specified closed fracture thoracic vertebra 6825 S2300 Fracture of radius and ulna 59955 SD60z00 Abrasion/friction burn of lower limb, without infection NOS 41902 SH22300 Superficial partial thickness burn of the abdominal wall 22416 SP04a00 Dislocation of hip joint prosthesis 28280 SE33z00 Contusion, finger NOS 61113 TK72.00 Suicide+selfinflicted injury-jump from natural sites 33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk		Fracture of shaft of femur
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33669 SA3z.00 Open wound of toe(s) NOS 4846 SH200 Burn of the trunk		· · · ·
4846 SH200 Burn of the trunk		
		•
7505 SE4U1UU CONTUSION, TNIGH		
	/505 SE4U1UU	Contusion, thigh

7129 SH92.00	Partial thickness burn NOS
33357 7K15z00	Other surgical fracture of bone NOS
27388 S7400	Injury to liver
33882 S2A00	Fracture of upper limb, level unspecified
7997 S410111	Anterior dislocation of shoulder
28214 SP22100	Injury to nerve during surgery
101574 S101000	Open fracture of unspecified cervical vertebra
5130 SE411	Leg bruise
41856 SE24200	Contusion, scrotum or testis
63524 SJ41500	Injury of thoracic sympathetic nerves
62354 Q203300	Fracture of tibia or fibula due to birth trauma
14746 S3xz.00	Other, multiple and ill-defined fractures of lower limb NOS
40327 7K6FB00	Primary open reduction of dislocation and external fixation
678 SA10100	Open wound of leg
68963 TN600	Injury ?accidental, by cutting and stabbing instruments
1775 S93z.00	Open wound of finger(s) NOS
104800 SJ63300	Open injury common peroneal nerve
99027 S331800	Open fracture fibula, head
28115 TK51.00	Suicide and selfinflicted injury by shotgun
44712 S240D00	Closed fracture scaphoid, waist, comminuted
28095 SD10400	Abrasion, back
28081 7K1Hy00	Other specified secondary open reduction of fracture of bone
70752 SH62100	Deep partial thickness burn of multiple specified sites
27575 S100500	Closed fracture of fifth cervical vertebra
13557 TK30.00	Suicide and selfinflicted injury by hanging
78444 S33A.00	Fracture of tibia
42440 S81z.00	Open wound of eyeball NOS
27590 S235.00	Open fracture of radius and ulna, lower end
39921 S430.00	Closed traumatic dislocation of wrist
34378 S720.00	Closed injury of diaphragm
69706 SH81z00	Burn: 10-19% of body surface NOS
70953 SJ63500	Open injury deep peroneal nerve (anterior tibial)
29804 S360100	Closed fracture middle phalanx, toe
67990 SB40100	Open injury, common femoral artery
27881 S250600	Closed fracture finger metacarpal
65895 S4H3300	Open fracture-subluxation, metatarsophalangeal joint, single
27818 S12z.12	Sternum fracture NOS
69664 S832200	Open wound of nasal cavity
69646 SD6z000	Superficial injury of hip NOS, infected
62489 7J43.11	Internal fixation of fracture of spine
27820 SH12400	Superficial partial thickness burn of the chin
33857 S494100	Closed dislocation of coccyx
65614 7K6FN00	Primary open reduction of # dislocation+fixation+plate(s)
25560 SEz00	Contusion with skin intact, NOS
8056 S242.00	Fracture at wrist and hand level
6893 S224100	Closed fracture distal humerus, supracondylar
10694 \$496200	Closed traumatic dislocation sterno-clavicular joint
60765 S251800	Open fracture of thumb metacarpal
10250 S4D00	Fracture-dislocation/subluxation finger/thumb
38431 S40z.00	Dislocation of jaw NOS

	SA10000	Open wound of knee
	S260S00	Closed fracture finger distal phalanx, base
	S920.00	Open wound of hand without mention of complication
	SA02.00	Open wound of hip and thigh with tendon involvement
	S120700	Closed fracture of seven ribs
	S463.00	Closed traumatic dislocation of patello-femoral joint
455	S3z0000	Greenstick fracture
33598	S260L00	Closed fracture finger middle phalanx, base
50566	TG81500	Accidental burning caused by hydrofluoric acid
92383	SF0X.00	Crushing injury of head, part unspecified
4029	S210300	Closed fracture scapula, glenoid
51566	SH42.12	Second degree burn of finger
28800	S4H0400	Closed fracture-dislocation, IPJ, single toe
59630	SC1z.00	Late effect of skin and subcutaneous tissue injury NOS
72313	SB1y100	Intercostal vein injury
15376	S224.00	Closed fracture of the distal humerus
48289	SH11400	Superficial burn of the chin
50659	SH22z00	Partial thickness burn of the trunk NOS
40992	S353200	Open fracture navicular
110097	SB1y400	Azygos vein injury
33644	7K6GM00	Closed reduction of dislocation of joint & internal fixation
28142	SE45.00	Contusion, lower limb NOS
27470	TK61.00	Suicide and selfinflicted injury by stabbing
993	S242200	Fracture of other metacarpal bone
28621	7J03z00	Reduction of fracture of facial bone NOS
28244	S120z00	Closed fracture of rib(s) NOS
105819	S347100	Open fracture ankle, trimalleolar, high fibular fracture
30286	TN300	Injury ?accidental, hanging, strangulation and suffocation
	SH11600	Superficial burn of the scalp
110554	S761000	Kidney injury with open wound into cavity, unspecified
61999	S420300	Closed traumatic dislocation elbow joint, medial
	S223100	Open fracture of humerus, shaft
	TKx3.00	Suicide and selfinflicted injury by extremes of cold
	S02xz00	Fracture of other facial bones, closed, NOS
	S241C00	Open fracture scaphoid, waist, oblique
	SJ311	Spinal plexus injury
	S450200	Closed traumatic obturator dislocation of hip
	SyuBC00	[X]Dislocation, sprain and strain of unspecif body region
	7K1LD00	Closed reduction of fracture of nasal bone
	L336.11	Bruising of cord
	S411.00	Open traumatic dislocation of shoulder
	S463000	Closed traumatic dislocation patello-femoral joint, lateral
	S02C.00	Le Fort III fracture maxilla
	S010400	Closed #skull bse no intracranial injury, >24hr LOC+recovery
	SJ64000	Closed injury cutaneous sensory nerve, leg
	SH0x.00	Burn of eyelid NOS
	\$300400	Closed fracture head of femur
	S62z.00	Cerebral haemorrhage following injury NOS
	SH43.12	Third degree burn of hand
	S932.00	Open wound of finger or thumb with tendon involvement
Z201/	JJJ2.00	open wound or miger or triumb with tendon involvement

		S240600	Closed fracture trapezoid
		S4D1000	Open fracture-dislocation digit, unspecified
		S234500	Closed fracture distal ulna, unspecified
		S735300	Descending colon injury with open wound into cavity
		SJ65.00	Injury of multiple nerves at hip and thigh level
		S910.00	Open wound of lower arm without mention of complication
		S130300	Closed fracture acetabulum, posterior column
		S431.00	Open traumatic dislocation of the wrist
		S100611	C6 vertebra closed fracture without spinal cord lesion
		S127000	Multiple fractures of ribs
		SD01200	Abrasion of scalp, infected
		S741300	Liver moderate laceration with open wound into cavity
		S835z00	Open wound of face with complication, NOS
		SE30100	Contusion, scapular area
		SD00z00	Abrasion head NOS
		SF20000	Crush injury, shoulder region
		S43z.00	Dislocation of wrist NOS
	8346	SF00	Crushing injury
	66334	SH12900	Superficial partial thickness burn of the neck
		S240200	Closed fracture lunate
		S234900	Closed volar Barton's fracture
	3127	S8200	Open wound of ear
	26045	S240500	Closed fracture trapezium
	41921	SD9z.00	Other superficial injury, infected, NOS
	66241	SJ60000	Closed injury sciatic nerve
	61732	7K6GF11	Closed reduction of dislocation of leg
	9342	SJ000	Optic nerve and pathway injury
	17993	SH50400	Unspecified thickness burn of the lower leg
	40537	S420000	Closed traumatic dislocation of elbow, unspecified
	66109	TK01000	Suicide and self inflicted injury by Amylobarbitone
	48125	S441200	Open traumatic interphalangeal dislocation
	45394	7K1F300	Primary intraarticular fixation intraartic fracture bone NEC
	307	SK17100	Other leg injury
	2442	S355.00	Fracture of talus
	15184	S0000	Fracture of vault of skull Contusion, upper limb, multiple sites
	44298	SE3y.00	Contusion, upper limb, multiple sites
	43378	S351.00	Open fracture of calcaneus
	42692	S61z.00	Cerebral laceration and contusion NOS
	65812	S491.00	Open dislocation cervical spine
	51710	S480A00	Closed traumatic dislocation, subtalar joint
1	.01993	7K6Gc00	Primary closed reduction of # dislocation+external fixation
	30616	N331000	Pathological fracture of thoracic vertebra
	12186	S4z00	Dislocation or subluxation not otherwise specified
	66513	SH44100	Deep full thickness burn of a finger, no loss of body part
	21950	TG8y000	Accid burning caused by heat from electric heating appliance
	32218	SH41100	Superficial burn of a single finger
	9459	SE300	Contusion, upper limb
	94406	7K6GT00	Primary closed reduction of dislocation+skeletal traction
	65710	SH12500	Superficial partial thickness burn of the nose
	17673	S930000	Open wound, finger

45562 S312400	Closed fracture distal femur, medial condyle
3675 S10B100	Fracture of sacrum
65636 S234912	Closed volar Barton fracture-subluxation
34315 SH0z.00	Burn confined to eye and adnexa NOS
65606 7J41y00	Other specified decompression of fracture of spine
65600 SB32.00	Radial blood vessel injury
72711 S110600	Cls spinal fracture with unspec cervical cord lesion, C5-7
37523 S490.11	Closed dislocation of cervical vertebra
44047 SCz00	Late effect injury/poison/toxin effect/external cause NOS
45141 S302100	Closed fracture proximal femur, intertrochanteric, two part
30418 S235800	Open Galeazzi fracture
34197 S120400	Closed fracture of four ribs
65455 S450300	Closed traumatic dislocation hip joint, anterior
65448 TK6z.00	Suicide and selfinflicted injury by cutting and stabbing NOS
52194 S300300	Closed fracture proximal femur, basicervical
69586 S497100	Open traumatic dislocation of pelvis
52614 S231200	Open fracture of ulna, coronoid
65301 S23yz00	Open fracture of radius and ulna, NOS
1486 S410400	Closed traumatic dislocation acromio-clavicular joint
44839 S470.00	Closed traumatic dislocation ankle joint
65285 SF31500	Open crush injury, knee
45011 S4J1100	Open fracture-dislocation of pelvis
57088 SB22500	Superior mesenteric artery trunk injury
11262 S235300	Open fracture of ulna, styloid process
97514 S71z.00	Heart and lung injury NOS
40361 S251600	Open fracture finger metacarpal
93650 S4H3.00	Open fracture-subluxation, foot
89688 S030z00	Closed #skull NOS no intracranial inj + concussion unspec
31542 SD61000	Abrasion of hip, infected
94385 S77v100	Ovary injury without mention of open wound into cavity
33792 SE32z00	Contusion, wrist and hand NOS
73411 S042.00	Mult #skull/face + other bones, open, no intracranial injury
65011 PE41300	Congenital dislocation of patella
4572 S33x200	Closed fracture of tibia and fibula, unspecified part
54821 S492.00	Closed dislocation of thoracic and lumbar spine
7256 SD500	Superficial of injury finger(s)
69919 S300100	Closed fracture proximal femur, transepiphyseal
53279 S312000	Closed fracture of distal femur, unspecified
62787 S33yz00	Open fracture of tibia and fibula, unspecified part, NOS
43589 SJ67100	Injury of medial plantar nerve
44711 S200100	Closed fracture clavicle, medial end
99994 7K1K900	Other primary external immobilisation of fracture
64744 TKx5.00	Suicide and selfinflicted injury by crashing motor vehicle
96346 SJ81.00	Crush injury of phrenic nerve
64725 S241700	Open fracture capitate
18840 S330300	Closed fracture proximal tibia, medial condyle (plateau)
48636 S025.00	Fracture of malar or maxillary bones, open
64575 S241D00	Open fracture scaphoid, waist, comminuted
36332 S210600	Closed fracture scapula, neck
95675 \$750300	Spleen parenchyma laceration without open wound into cavity

53698 S235D00	Open fracture distal radius, extra-articular other type
50154 SH10600	Unspecified thickness burn of the scalp
64444 SH014	Periocular burns
1922 SH40000	Unspecified thickness burn of the hand, unspecified
94981 S497200	Open traumatic dislocation sterno-clavicular joint
64714 SF10z00	Crush injury, external genitalia NOS
97803 S353D00	Open fracture metatarsal neck
50990 SH33400	Full thickness burn of the axilla
28251 S360200	Closed fracture distal phalanx, toe
25113 SA20100	Open wound foot, plantar
63186 SB42.00	Femoral vein injury
109936 S481z00	Open traumatic dislocation of foot not otherwise specified
41299 SJ5y000	Injury of cutaneous sensory nerve at forearm level
64297 S100L00	Closed fracture cervical vertebra, transverse process
33824 SH50500	Unspecified thickness burn of the knee
41930 S100z00	Closed fracture of cervical spine not otherwise specified
60397 SJ51400	Open injury, median nerve, palmar sensory branch
58787 SJ0z.00	Optic nerve or pathway injury NOS
45881 SJ15.13	Eighth cranial nerve injury
52470 S134700	Closed vertical fracture of ilium
8590 SA200	Open wound of foot, excluding toe(s)
72724 S942.00	Multiple/unspec open wound upper limb with tendon involved
98158 7K6GY00	Primary closed reduction of # dislocation+cast immobil
41914 SH41500	Superficial burn of the palm of hand
55655 SB3X.00	Injury of unspecified blood vessel at forearm level
33720 S224000	Closed fracture of elbow, unspecified part
22542 S441400	Open traumatic dislocation, proximal interphalangeal joint
64026 SA32.11	Open wound of toe(s) with tendon injury
94817 \$740300	Liver moderate laceration without open wound into cavity
24886 S932400	Mallet finger with open tendon injury
42805 S313300	Open fracture distal femur, supracondylar
71866 S041z00	Closed #skull/face,mult + intracran inj, concussion unspec
85491 S4B3.00	Open fracture-subluxation elbow
985 S440000	Closed traumatic dislocation of finger, unspecified
63948 S231900	Open fracture of the proximal radius
44721 S220000	Closed fracture of proximal humerus, unspecified part
1852 SH20300	Unspecified thickness burn of the abdominal wall
51308 S641.00	Intracranial injury NOS + open intracranial wound
62461 SJ64200	Closed injury lateral cutaneous nerve thigh
60542 S712000	Lung injury without open wound into thorax, unspecified
92886 SJ24000	Closed injury cauda equina
63736 SF20700	Closed crush injury, upper arm
24598 S250500	Closed fracture finger metacarpal head
59154 SH52C00	Deep partial thickness burn of the knee
37469 SH60.00	Unspecified thickness burn of multiple specified sites
57247 S781400	Retroperitoneum injury with open wound into cavity
56332 S713200	Lung laceration with open wound into thorax
30377 Z6G1900	Fracture - traction
43606 SE31z00	Contusion, elbow and forearm NOS
53750 SA03.00	Degloving injury, hip or thigh

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28425	S240E00	Closed fracture scaphoid, tuberosity
	S460.11	Bucket handle tear - current injury
	SH41.15	First degree burn of wrist
	SH40.11	Unspecified degree burn of finger
	\$2000	Fracture of clavicle
	SF23.11	Crush injury of thumb
	S302011	Closed fracture of femur, greater trochanter
	S114000	Closed spinal fracture with unspecified lumbar cord lesion
	SH41600	Superficial burn of the back of hand
	S220600	Closed fracture proximal humerus, three part
	S850000	Degloving injury chest wall
	7K6G700	Closed reduction of dislocation of thumb
	S9400	Multiple and unspecified open wound of upper limb
	S352.11	March fracture
	SK1z.00	Other injury NOS
	S3200	Fracture of patella
	S3511	Metatarsal bone fracture
	S900000	Open wound of shoulder region
	SD1yD00	Superficial injury of vagina NOS, without major open wound
	S101500	Open fracture of fifth cervical vertebra
	SF02200	Crush injury, pharynx
	SF20100	Crush injury, scapular region
	S451200	Open traumatic obturator dislocation of hip
	S02z.11	Jaw fracture NOS
	S235100	
		Open Colles' fracture Reduction of fracture of alveolus of mandible
	7J12000	
	7J42z00	Other reduction of fracture of spine NOS
	SH32A00	Deep partial thickness burn of the upper arm
	S820z00	Open wound of external ear not otherwise specified
	S36z.00	Fracture of one or more phalanges of foot NOS
	SC3z.00	Late effect of injury NOS
	7K15y00	Other specified other surgical fracture of bone
	SH87500	Burn: 70-79% of body surface, 50-59% BS full thickness
	S120000	Closed fracture of rib, unspecified
	SF4z.00	Crush injury, unspecified site
	\$300.00	Closed fracture proximal femur, transcervical
	7K1LA00	Closed reduction of fracture of toe
	S4A1000	Open fracture-dislocation shoulder joint
	S001000	Closed #skull vlt + intracranial injury, unspec state consc
	SJ20600	Unspecified cervical cord injury, without bony injury, C5-7
	N331N11	Minimal trauma fracture
	S902200	Open wound of axillary region with tendon involvement
	S4H2000	Closed fracture-subluxation, subtalar joint
	S346.00	Closed fracture ankle, trimalleolar
41799	SD30z00	Abrasion/friction burn of lower arm, without infection NOS
	SH52200	Superficial partial thickness burn of the foot
	SJ30300	Cervical nerve root injury - C4
	S775.00	Open injury of uterus
	S4J2000	Closed fracture-subluxation of sternum
96688	SH54.00	Deep full thickness burn of leg without loss of body part

	S481400	Open traumatic metatarsal dislocation, unspecified
	S834500	Open wound of jaw
	SH10500	Unspecified thickness burn of the nose
	S224300	Closed fracture distal humerus, medial condyle
	SB25500	Uterine artery injury
	SD1z500	Superficial injury of buttock NOS, infected
	S112.00	Closed fracture of thoracic spine with spinal cord lesion
	SH42B00	Deep partial thickness burn of more than one finger
	SH42.15	Second degree burn of wrist
	S225z00	Open fracture of distal humerus, not otherwise specified
	SH42E00	Deep partial thickness burn of back of hand
	SH80.00	Burn involving <10% of body surface (BS)
	SH51300	Superficial burn of the ankle
	S711.00	Heart injury, open
	SC0z.00	Late effect of musculoskeletal/connective tissue injury NOS
	SB47300	Injury of multiple blood vessels at lower leg level
62065	S490400	Closed dislocation C3/C4
845	\$3500	Fracture of one or more tarsal and metatarsal bones
	SE11.13	Eyelid injury
62029	7K1Hz00	Secondary open reduction of fracture of bone NOS
2603	S311	Leg fracture
43132	S700	Internal injury of chest, abdomen and pelvis
34873	S100511	C5 vertebra closed fracture without spinal cord lesion
43667	TG80A00	Accidental burning/scalding caused by soup, stew or curries
99514	S401.00	Open dislocation of jaw
61982	S923000	Degloving injury hand, palmar
2250	S344.12	Pott's fracture - ankle
20195	S00z.00	Fracture of vault of skull NOS
33704	S4A0000	Closed fracture-dislocation shoulder joint
61757	S0117	Posterior fossa fracture
33967	S100211	C2 vertebra closed fracture without spinal cord lesion
8314	S646000	Minor head injury
61802	S312z00	Closed fracture of distal femur not otherwise specified
6235	SF33.00	Crush injury, toe(s)
15085	7K1Lz00	Other closed reduction of fracture of bone NOS
100309	S821.00	Open wound of external ear with complication
99568	SA42.00	Multiple and unspec open wound leg with tendon involvement
9103	S0200	Fracture of face bones
105727	SJ6x300	Open injury pudendal nerve
62747	N083E00	Recurrent dislocation of shoulder - inferior
8573	S0012	Parietal bone fracture
325	\$3400	Fracture of ankle
60828	S4A3100	Open fracture-subluxation acromio-clavicular joint
54271	S901.00	Open wound of shoulder and upper limb with complication
61569	TK70.00	Suicide+selfinflicted injury-jump from residential premises
61551	SH12100	Superficial partial thickness burn of the ear
	S23B.00	Fracture of lower end of radius
	S022z00	Fracture of mandible, closed, NOS
	S330z00	Closed fracture of tibia and fibula, proximal NOS
	SJ31700	Thoracic nerve root injury - T8
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16232 S496000	Closed traumatic dislocation of sternum
67696 S895.00	Open wound of lateral abdominal wall with complication
5507 SH20000	Unspecified thickness burn of unspecified part of the trunk
95585 S104600	Closed fracture lumbar vertebra, tricolumnar
12823 7K1J300	Closed reduction fracture small bone & fixation using screw
8896 SD7y200	Contusion of toe(s) with damage to nail
54855 S125300	Closed fracture of trachea
45482 N083N00	
61357 S003600	Open #skull vlt + intracranial injury, LOC unspec duration
4465 7J03200	Reduction of fracture of zygomatic bones
42144 S73x500	Appendix injury without mention of open wound into cavity
94031 S261400	Open fracture thumb proximal phalanx, base
37865 S361.00	Open fracture of one or more phalanges of foot
64545 S353C00	Open fracture metatarsal shaft
62975 S430800	Closed traumatic dislocation other carpal joint
49526 S320000	Closed fracture patella, transverse
61237 SH25.00	Deep full thickness burn of trunk, with loss of body part
61181 S260C00	Closed fracture thumb distal phalanx, mallet
44543 SF2y.00	Crush injury, arm, multiple sites
60137 S920200	Multiple open wounds of wrist and hand
41996 S480z00	Closed traumatic dislocation of foot not otherwise specified
28203 SHz00	Burns NOS
60885 S301600	Open fracture proximal femur, subcapital, Garden grade I
6311 SD5y.00	Superficial injury of finger NOS, without infection
69213 S241800	Open fracture hamate
97299 \$833z00	Open wound of nose with complication, NOS
73322 SH12200	Superficial partial thickness burn of the eye
24807 SD200	Superficial injury of shoulder and upper arm
97430 TN80000	Injury ?accidental, by jumping before moving object
27687 SJ56100	Closed injury, digital nerve in finger
29119 S02x.00	Closed fracture other facial bone
61733 S303.00	Open fracture of proximal femur, pertrochanteric
5302 S132.00	Closed fracture pubis
60640 SH20x00	Unspecified thickness burn of multiple sites of the trunk
10470 SK17500	Injury of lower leg
29406 S89v.00	Other and unspecified open wound of trunk
7135 S342000	Closed fracture ankle, lateral malleolus, low
48238 TN55.00	Injury ?accidental, by explosive
45835 SH81.00	Burn involving 10-19% of body surface (BS)
33684 S261D00	Open fracture finger proximal phalanx
107128 SB44500	Open injury, popliteal artery
23764 7K6GC00	Closed reduction of dislocation of ankle
108242 S353600	Open fracture lateral cuneiform
30230 SJ52000	Closed injury, ulnar nerve
44628 S4H0.00	Closed fracture-dislocation foot
10622 S221.11	Shoulder fracture - open
8263 S350.11	Heel bone fracture
60512 SH50x00	Unspecified thickness burn of multiple sites of the leg
42710 SF40.00	Crush injury, multiple sites NEC
50133 \$913.00	Degloving injury lower arm
20100 0010.00	

60463 SH21.00	Superficial burn of the trunk
42959 S410200	Closed traumatic dislocation shoulder joint, posterior
60419 S82y.00	Open wound of ear with complication, NOS
54154 SH53400	Full thickness burn of the lower leg
45216 F4F1500	Dislocation of lacrimal gland
64370 SH83z00	Burn: 30-39% of body surface NOS
109839 SJ22000	Unspecified lumbar cord injury without bony injury
11378 S12z.11	Rib fracture NOS
22289 SD71.11	Abrasion or friction burn of heel, infected
49710 S734500	Rectum injury without mention of open wound into cavity
67239 S353J00	Open fracture of base of fifth metatarsal
9590 S923.00	Degloving injury hand
72263 SB23500	Gastric vein injury
6067 SF21100	Crush injury, elbow
57328 S03z.00	Skull fracture NOS
23721 S713	Internal injury of chest
102033 S741z00	Liver injury with open wound into cavity, NOS
24311 SB32200	Injury of radial artery at wrist and hand level
51985 SJ30400	Cervical nerve root injury - C5
25209 SB4y.00	Other leg blood vessel injury
73613 S121000	Open fracture of rib, unspecified
68676 S630.11	Cerebral compression due to injury
70049 TN08.00	Injury ?accidental, poisoning by arsenic or its compounds
65007 SH12800	Superficial partial thickness burn of the cheek
50461 SF3y.00	Crush injury, lower limb, multiple sites
28538 S127100	Cough fracture of ribs
17352 SC3C100	Sequelae of dislocation, sprain and strain of upper limb
73922 SB45000	Tibial blood vessel injury, unspecified
10033 S234F00	Closed Barton's fracture
29636 SH30000	Unspecified thickness burn of the arm, unspecified
33870 S21z.00	Fracture of scapula NOS
69209 S611.00	Open cerebral contusion
9900 SF32011	Crush injury of heel
59798 S0111	Anterior fossa fracture
49183 SB03.00	Injury of multiple blood vessels at neck level
101056 TK5z.00	Suicide and selfinflicted injury by firearms/explosives NOS
68100 SJ34100	Closed injury, brachial plexus, lower roots
4210 SD90.00	Abrasion or friction burn, without infection, NOS
43153 S352z00	Closed fracture of one or more tarsal + metatarsal bones NOS
59504 S933500	Ring avulsion injury, class 4
45275 S221z00	Open fracture of proximal humerus not otherwise specified
46522 SH42.13	Second degree burn of hand
69551 SP04A00	Fracture of bone autograft
39067 SH10900	Unspecified thickness burn of the neck
64229 S4A1.00	Open fracture-dislocation shoulder
34284 SE06.00	Bruise of mandibular joint area
50103 S832100	Open wound of nasal septum
59302 SJ57.00	Suprascapular nerve injury
59291 S523E00	Volar plate injury, thumb, interphalangeal joint
64365 SH41x00	First degree burn of multiple sites of the wrist or hand

21680 \$153.00	Radial nei
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18485 SJ700	Injury to o
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58019 SH43.11	Third deg
24276 S30w.00	Closed fra
39893 S4H1300	Open frac
71113 S780211	Bile duct i
51144 S860.00	Open wou
70462 S734400) Sigmoid c
73611 S112z00	Closed fra
24621 S23x200	Closed fra
102718 S013z00	Open #sk
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21680	SJ53.00	Radial nerve injury
55012	SH13900	Full thickness burn of the neck
59216	SH12711	Forehead - 2nd degree burn
106522	SF22700	Open crush injury wrist, volar
68387	S871.00	Open wound of buttock with complication
10246	S231300	Open Monteggia's fracture
47856	SH31.00	Superficial burn of the arm
73150	S251200	Open fracture finger metacarpal base
63298	SJ01.00	Optic chiasm injury
2710	S3512	Tarsal bone fracture
42798	S465z00	Closed traumatic dislocation of knee not otherwise specified
29911	S4F00	Fracture-dislocation or subluxation knee
36448	S024.11	Fracture of upper jaw, closed
96514	S110800	Cls spinal fracture with anterior cervcl cord lesion, C5-7
63085	7K1G500	Primary open reduction of fracture and functional bracing
63788	SD3z.00	Superficial injury of lower arm NOS, infected
68660	S023400	Open fracture of mandible, ramus, unspecified
5354	S240400	Closed fracture pisiform
41001	S490.12	Closed dislocation of neck
58822	SH41z00	Superficial burn of the wrist or hand NOS
8053	SD11	Abrasions
65946	7G2C700	Escharotomy of burnt skin of head
103914	SC20100	Sequelae of injury to brain
27699	S260E00	Closed fracture finger proximal phalanx, base
45669	SJ512	Shoulder girdle peripheral nerve injury
58718	SJ612	Pelvic girdle peripheral nerve injury
36893	7K1LW00	Primary closed reduction of fracture and skin traction
58699	S932700	Mallet thumb with open tendon injury
51151	SF20.00	Crush injury, shoulder and upper arm
58642	S30x.00	Open fracture of unspecified proximal femur
58640	7K6GF00	Closed reduction of dislocation of lower limb
37609	S0116	Orbital roof fracture
25284	S1z00	Fracture of neck and trunk NOS
29126	SE23113	Contusion of pelvic region
58732	SH42400	Superficial partial thickness burn of thumb and finger(s)
53357	SH92000	Superficial partial thickness burn NOS
18485	SJ700	Injury to other nerves
58031	SD2z.00	Superficial injury of shoulder and upper arm NOS, infected
	S260600	Closed fracture thumb proximal phalanx, neck
58025	S84z.00	Open wound of neck NOS
	SH43.11	Third degree burn of finger
	S30w.00	Closed fracture of unspecified proximal femur
	S4H1300	Open fracture-dislocation, metatarsophalangeal joint, single
	S780211	Bile duct injury without open wound into cavity
51144	\$860.00	Open wound of back, uncomplicated
	S734400	Sigmoid colon injury without open wound into cavity
	S112z00	Closed fracture of thoracic spine with cord lesion NOS
	S23x200	Closed fracture of ulna (alone), unspecified
	S013z00	Open #skull bse + intracranial injury + concussion unspec
54727	S85X.00	Open wound of thorax, part unspecified

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	SB42100	Open injury, femoral vein
	S030.00	Closed fracture of skull NOS without intracranial injury
	S361100	Open fracture middle phalanx, toe
	S713.00	Open injury of lung
	SF03.00	Crushing injury of skull
	S73x100	Pancreas head injury without open wound into cavity
	S231700	Open fracture radial neck
	SE02.00	Contusion, nose
	S331z00	Open fracture of tibia and fibula, proximal NOS
	SH22900	Deep partial thickness burn of the chest wall
64742	SD30300	Abrasion wrist, dorsum
57402	SB41100	Open injury, superficial femoral artery
22137	S440300	Closed traumatic dislocation, distal interphalangeal joint
44715	S200000	Closed fracture of clavicle, unspecified part
98016	7J41200	Posterior decompression of fracture of spine
101840	S331A00	Open fracture tibial plateau
28739	S220400	Closed fracture proximal humerus, head
60583	SB45400	Posterior tibial vein injury
57239	S781z00	Other/mult abdominal organ injury with open wnd to cavity
57223	SR16000	Closed fracture inv thorax wth low back and pelvis and limbs
70410	TN71.00	Injury ?accidental, fall from other man-made structure
40510	SD31z00	Abrasion or friction burn of lower arm, infected, NOS
28197	S261R00	Open fracture finger distal phalanx
69756	SH73100	Burn of the small intestine
29981	S4F4.00	Closed fracture-dislocation, patello-femoral joint
12612	S8600	Open wound of back
56975	S421200	Open traumatic dislocation elbow joint, posterior
48050	SA22.00	Open wound of foot with tendon involvement
17490	SF10112	Crush injury of testis
44619	SH53.00	Full thickness burn of the leg
63868	S712100	Lung contusion without mention of open wound into thorax
56881	SH45.11	Deep third degree burn of finger with loss of a body part
	TN5z.00	Injury ?accidental, by firearm or explosive NOS
95148	SB2z.00	Injury to abdominal and pelvic blood vessel NOS
51988	SJ32200	Lumbar nerve root injury - L3
	S135z00	Other/multiple open fracture of pelvis NOS
	TN100	Injury ?accidental, poisoning by gases in domestic use
	S211	Arm fracture
	\$630.00	Other cerebral h'ge after injury no open intracranial wound
	S4H0000	Closed fracture-dislocation, subtalar joint
	S011000	Closed #skull bse + intracranial inj, unspec state of consc
	SJ02.00	Optic pathway injury
	SJ13.00	Abducens (6th) nerve injury
	S82w300	Open wound of cochlea with complication
	S723000	Open injury of bronchus
	SH21000	Superficial burn of unspecified part of the trunk
	S024000	Closed fracture maxilla
	S4C3600	Open fracture-subluxation peri-lunate trans-scaphoid
	S234z00	Closed fracture of forearm, lower end, NOS
	SA11	Open wound of leg
5075	J, 11	Spen would of leg

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57369 SF02100	Crush injury, larynx
30275 SE24400	Contusion, vagina
25946 SH013	Eyelid burns
107020 SD2z100	Superficial injury of scapular region NOS, infected
63610 S771000	Open injury of bladder
62978 SH42D00	Deep partial thickness burn of the palm of hand
20930 SJ71.00	Injury of peripheral nerves of neck
31847 S362100	Open fracture of great toe
94088 SJ66000	Injury of multiple nerves at lower leg level
57196 S4F3.00	Open fracture-subluxation, knee joint
29164 S33y000	Open fracture of tibia, unspecified part, NOS
47593 S851.00	Open wound of chest wall with complication
71084 SH34500	Deep full thickness burn of shoulder, no loss of body part
32348 S224400	Closed fracture of distal humerus, condyle(s) unspecified
12542 S4712	Dislocation of talus
17286 S241100	Open fracture of the scaphoid
48472 S780212	Gallbladder injury without open wound into cavity
72540 SH44.12	Deep third degree burn of hand, without loss of a body part
25470 S920000	Open wound of hand, palm
4851 S440.00	Closed traumatic dislocation digit
53034 SH42F00	Deep partial thickness burn of wrist
94649 S130100	Closed fracture acetabulum, posterior lip alone
55777 SD01100	Abrasion of neck, infected
31630 SA11100	Open wound of lower leg with complication
35889 7J13200	Closed reduction of fracture of maxilla NEC
65228 S335100	Open fracture distal tibia, intra-articular
68765 S241200	Open fracture lunate
54362 N226.12	Nontraumatic tendon dislocation
55444 SA01100	Open wound of thigh with complication
55531 S02x200	Fracture of palate, closed
6303 S640111	Minor head injury
55447 7K1H200	Secondary open reduction of intraarticular fracture of bone
71059 S490112	Closed dislocation of first cervical vertebra (C1)
51018 S118.00	Closed fracture of coccyx with spinal cord lesion
55435 SA03100	Degloving injury, thigh
42704 E2A2.12	Post-head injury syndrome
95728 S4H2400	Closed fracture-subluxation, IPJ, single toe
55417 SD6zz00	Superficial injury of lower limb, infected, NOS
11235 S834.00	Open wound of face
66853 S281.00	Open ill-defined fractures of upper limb
39775 SE05.12	Bruise of auricle
21263 SE05.11	Bruise of ear
62743 S003z00	Open #skull vlt with intracranial injury + concussion unspec
71710 SB0yz00	Other head and neck blood vessel injury NOS
55212 S4C0600	Closed fracture-dislocation peri-lunate trans-scaphoid
31076 S496700	Closed traumatic dislocation costo-chondral joint
15578 \$7700	Injury to pelvic organs
64417 S713000	Lung injury with open wound into thorax, unspecified
54977 SH23300	Full thickness burn of the abdominal wall
6069 7K1LH00	Closed reduction of fracture of finger

12406 S10B.00	Fracture of lumbar spine and pelvis
97971 S303300	Open fracture proximal femur, intertrochanteric, comminuted
50781 S261z00	Open fracture of one or more phalanges of hand NOS
64113 S261G00	• •
	Open fracture finger proximal phalanx, neck
52362 SA23200	Degloving injury heel
1563 SJ7z.00	Injury to other nerve NOS
48213 SH52000	Superficial partial thickness burn of the leg, unspecified
45529 S313000	Open fracture distal femur, unspecified
65084 S135.00	Other or multiple open fracture of pelvis
109693 7K6Gy00	Primary closed reduction of traumatic joint dislocation OS
7754 S225.11	Elbow fracture - open
9223 S42z.00	Dislocation of elbow NOS
63899 S225500	Open fracture of distal humerus, trochlea
22856 SH511	Leg burns
35823 SH31500	Superficial burn of the shoulder
66809 SJ50100	Open injury, axillary nerve
54673 SJ6x200	Closed injury pudendal nerve
14963 SH10300	Unspecified thickness burn of the lip(s)
54646 SB45100	Anterior tibial artery injury, unspecified
60163 S225200	Open fracture distal humerus, lateral condyle
99566 TK01100	Suicide and self inflicted injury by Barbitone
28033 7K6FA00	Primary open reduction of dislocation and wire fixation
53707 Q416100	Perinatal cutaneous bruising
73786 SR10000	Closed fractures involving head with neck
51861 S300311	Closed fracture, base of neck of femur
33719 S450000	Closed traumatic dislocation of hip, unspecified
54361 SB24200	Renal vein injury
64455 S735400	Sigmoid colon injury with open wound into cavity
39325 SJ33.00	Sacral nerve root injury
54280 S330200	Closed fracture of tibia and fibula, proximal
71953 S211600	Open fracture scapula, neck
54242 S312600	Closed fracture distal femur, bicondylar (T-Y fracture)
62833 S224x00	Closed fracture of distal humerus, multiple
101318 S103500	Open fracture thoracic vertebra, posterior arch
23829 SF10000	Crush injury, penis
20411 SE12.00	Contusion, orbital tissues
47830 S490200	Closed dislocation atlanto-axial joint
47384 SJ12.11	Fifth cranial nerve injury
66233 S233100	Open fracture of the radial shaft
29145 S302200	Closed fracture proximal femur, subtrochanteric
54123 S261W00	Open fracture finger distal phalanx, multiple
54121 S870.00	Open wound of buttock, uncomplicated
54073 SJ611	Leg peripheral nerve injury
38502 SJ5C.00	
67669 S135600	Posterior interosseous nerve injury Open fracture polyis, iliac wing
	Open fracture pelvis, iliac wing
6189 SH300	Burn of the arm (excluding wrist and hand)
51147 7J13500	Reduction of Le Fort 2 fracture of maxilla
49492 S9311	Open wound of fingernail
37407 SH51200	Superficial burn of the foot
109408 SJ41300	Inferior mesenteric plexus injury

Superficial injury of trunk
Closed dislocation C2/C3
Face burns
Closed fracture of base of fifth metatarsal
Dislocation or subluxation of hip
Abrasion, chest wall
Arm blood vessel injury NOS
Closed fracture scaphoid, waist, transverse
Accidental burning/scalding caused by boiling liquid, unspec
Second degree burn of thumb
Partial thickness burn of the face, head or neck NOS
Open fracture sesamoid bone of hand
Closed fracture of one rib
Open fracture of sacrum with other spinal cord injury
Open wound of lower arm with tendon involvement, NOS
Closed fracture of clavicle NOS
Closed fracture thoracic vertebra, posterior arch
Closed traumatic dislocation knee joint, medial
Open fracture multiple ribs
Burn:<10% of body surface, 10%/unspec BS full thickness
Closed traumatic dislocation, sterno-clavicular joint, post
Brain cont + open intracranial wound + concussion unspec
Head and neck superficial nerve injury
Fracture of upper end of tibia
Abrasion of forearm, infected
Superficial partial thickness burn of the wrist
Superficial burn of multiple sites of the face, head or neck
Suicide and selfinflicted injury by firearms and explosives
Open wound of face with complication
Closed injury, femoral vein
Multiple fractures of lumbar spine and pelvis Closed fracture rib
Closed fracture of forearm, unspecified
Closed fracture lumbar vertebra, wedge
Superficial injury of neck NOS, infected
Crush injury, lower limb
Other cerebral haemorrhage following injury
Cervical cord injury without evidence of spinal bone injury
Closed fracture-dislocation, carpometacarpal joint
Partial thickness burn of the wrist or hand NOS
Open wounds involving multiple body regions
Superficial injury of breast NOS, without major open wound
Open fracture proximal femur, transepiphyseal
Closed fracture axis, spinous process
Deep partial thickness burn of a single finger
Open fracture-subluxation multiple digits
Cerebral haemorrhage following injury
Open crush injury, thigh
Deep partial thickness burn of the scapular region
Closed fracture-subluxation, ankle joint

50077 CD24 00	Deline and the Color
59077 SB34.00	Palmar artery injury
28342 S804.00	Penetrating wound of orbit with foreign body
62288 S495.00	Open dislocation of other vertebra
30669 S8500	Open wound of chest wall
23758 S712	Internal injury of abdomen
45923 SJ14.11	Seventh cranial nerve injury
5995 SD60.00	Abrasion/friction burn of lower limb, without infection
52620 TG8y400	Accidental burning or scalding caused by plastic
41935 SJ80.00	Concussion and oedema of cervical spinal cord
73288 SH73z00	Burn of the gastrointestinal tract NOS
52499 S330800	Closed fracture fibula, head
436 S4200	Dislocation or subluxation of elbow
52450 SD0z.00	Superficial injury of face/neck/scalp NOS, infected
34077 S49G.00	Dislocation of septal cartilage of nose
32011 S025000	Open fracture maxilla
59497 S84x100	Open wound of supraclavicular region
33593 S01z.00	Fracture of base of skull NOS
33695 S260T00	Closed fracture finger distal phalanx, shaft
106895 S741.00	Open injury of liver
24686 SH23100	Full thickness burn of the breast
12835 SA13.00	Degloving injury, knee or leg or ankle
34839 SD700	Superficial injury of foot and toe(s)
94477 S780000	Intra-abdominal organ injury no open wnd into cavity, unspec
37263 N083612	Patella-recurrent dislocation
52321 SH23200	Full thickness burn of the chest wall
41287 S320400	Closed fracture patella, comminuted (stellate)
91658 7J41400	Posterior decompression of fracture of spine NEC
52300 S110.00	Closed fracture of cervical spine with cord lesion
54590 SH40700	Unspecified thickness burn of the wrist
48931 S730.00	Stomach injury without mention of open wound into cavity
2630 S3300	Fracture of tibia and fibula
7660 S230700	Closed fracture radius, neck
39816 S102000	Closed fracture thoracic vertebra, burst
71567 S125.00	Closed fracture larynx and trachea Halo skull traction for fracture of spine Closed fracture of ilium, unspecified Closed reduction of dislocation of patella
43600 7J42400	Halo skull traction for fracture of spine
40643 S134000	Closed fracture of ilium, unspecified
8015 7K6GB00	Closed reduction of dislocation of patella
109464 SH21x00	Superficial burn of multiple sites of the trunk
51682 S602.00	Concussion with 1-24 hours loss of consciousness
96534 TN30.00	Injury ?accidental, hanging
45224 N083200	Recurrent joint dislocation, of the upper arm
40653 S4F0.00	Closed fracture-dislocation, knee joint
61374 S231500	Open fracture of the proximal ulna
103251 SB23z00	Portal and splenic vein injury NOS
41801 S480800	Closed traumatic dislocation toe, IPJ, multiple
10937 S834200	Open wound of forehead
44598 SJ41000	Coeliac ganglion injury
8800 7K1L600	Closed reduction of fracture of knee
19189 S10A200	Multiple fractures of cervical spine
104011 SB44400	Closed injury, popliteal vein

51754 SK1x600	Injury of multiple intra-abdominal organs
56124 S771100	Open injury of urethra
22144 7K6GN00	Closed reduction fracture disloc joint & internal fixation
93834 S78z.00	Other intra-abdominal organ injury, NOS
61388 S0300	Other and unqualified skull fractures
33808 S232z00	Closed fracture of radius and ulna, shaft, NOS
33883 S230900	Closed fracture of the proximal radius
55999 7K6GU00	Primary closed reduction of dislocation+fixation by wire(s)
47711 SB48000	Injury of dorsal vein of foot
28172 S82z.00	Open wound of ear NOS
59943 S221500	Open fracture of humerus, upper epiphysis
93068 SA01000	Open wound of hip with complication
8112 SH00	Burns
28393 S224800	Closed fracture distal humerus, capitellum
6002 TGyz300	Accidental injury NOS
69409 SH43z00	Full thickness burn of the wrist or hand NOS
62841 S001600	Closed #skull vlt + intracranial injury, LOC unspec duration
35121 SD06200	Splinter of scalp, without major open wound
17922 S4C0000	Closed fracture-dislocation distal radio-ulnar joint
62853 S251000	Open fracture of metacarpal bone(s), site unspecified
28293 S234E00	Closed fracture distal radius, intra-articular, other type
5952 SE41100	Contusion, knee
72434 SH85.00	Burn involving 50-59% of body surface (BS)
15622 7J42500	Spinal traction for fracture of spine NEC
51170 S313.00	Open fracture distal femur
11161 S028300	Fracture of mandible
69156 S711000	Heart injury with open wound into thorax, unspecified
66769 SF02z00	Crush injury, neck NOS
98393 S100800	Closed fracture atlas, isolated arch or articular process
5280 S028000	Fracture of nasal bones
27654 S100600	Closed fracture of sixth cervical vertebra
25129 SH40100	Unspecified thickness burn of a single finger
10454 S4700	Dislocation or subluvation of ankle
53689 S234911	Closed volar Barton's fracture-dislocation
48722 SH20.00	Closed volar Barton's fracture-dislocation Unspecified thickness burn of the trunk Open fracture of clavicle, unspecified part Ulnar blood vessel injury
70864 S201000	Open fracture of clavicle, unspecified part
50795 SB33.00	Ulnar blood vessel injury
48654 S77v400	Vas deferens injury without open wound into cavity
28108 S912.11	Open wound of lower arm with tendon injury
27745 SE33.00	Contusion, finger
50756 SH34100	Deep full thickness burn of forearm, no loss of body part
50749 S133.00	Open fracture of pubis
97720 SH81000	Burn: 10-14% of body surface,<10%/unsp BS full thickness
92354 S040.00	Mult #skull/face+other bones, closed, no intracranial injury
2864 S640.00	Intracranial injury NOS no open intracranial wound
50652 TG81z00	Accidental burning caused by caustic or corrosive NOS
34080 S260900	Closed fracture thumb distal phalanx, base
93916 SD1z700	Superficial injury of flank NOS, infected
19962 SE2z.00	Contusion, trunk NOS
42874 S430700	Closed traumatic dislocation peri-lunate (dorsal)
440/4 3 430/00	Ciosea traditiatic distocation pen-idilate (doisal)

50549 53856 19309 14878 50502 60487 105695 53684 73426	SJ34500 S320100 SF31300 S814.00 S024.00 TN00.00 S4D2200 S105400 SB21.00 S223z00 S120200	Open injury, brachial plexus, all roots (complete) Closed fracture patella, proximal pole Closed crush injury, knee Eye laceration, unspecified Fracture of malar or maxillary bones, closed Injury ?accidental, poisoning by analgesic or anti-pyretic Closed fracture-subluxation IPJ, unspecified Open fracture lumbar vertebra, transverse process Inferior vena cava injury Open fracture of humerus, shaft or unspecified part NOS Closed fracture of two ribs
	S4711	Dislocation of fibula, distal end
	S440z00	Closed traumatic dislocation of finger NOS
	S128.00	Fracture of sternum
	SB47000	Injury of peroneal artery
	S77w400	Vas deferens injury with open wound into cavity
	SH92.11	Second degree burn
	S000300	Closed #skull vlt no intracranial injury, 1-24hr loss consc
	S810.00	Ocular laceration without intraocular prolapse
	SE13.00	Contusion, eyeball
	S779.00	Injury of ovary
	7G2CA00	Escharotomy of burnt skin of arm
	SA00000	Open wound of hip
	S116z00	Closed fracture of sacrum with spinal cord lesion NOS
	S240800	Closed fracture hamate
71976	SA11z00	Open wound of knee/leg/ankle with complication, NOS
98681	S235111	Smith's fracture - open
43331	S780.00	Closed injury other intra-abdominal structure
989	S89z.00	Other open wounds NOS
52305	S251300	Open fracture finger metacarpal shaft
29332	N331y00	Other specified pathological fracture
8670	SE33100	Contusion, thumb
50517	S361000	Open fracture proximal phalanx, toe
20668	TN700	Injury ?accidental, fall from high place
37416	SD00.11	Abrasion or friction burn of head without infection
58752	S4B2.00	Closed fracture-subluxation elbow
102046	S261V00	Open fracture finger distal phalanx, mallet
32812	SK1C500	Injury of multiple muscles and tendons at forearm level
49826	SC04.00	Late effect of other fracture of leg
49821	S353300	Open fracture cuboid
25132	SB0y000	External jugular vein injury
49798	S331700	Open fracture tubercle, tibia
35425	SD20200	Abrasion, axillary area
49745	SA02.11	Open wound of hip and thigh with tendon injury
70859	S731.00	Stomach injury with open wound into cavity
	SE200	Contusion, trunk
	S712z00	Lung injury without mention of open wound into thorax NOS
	SA13000	Degloving injury, knee
	\$740.00	Closed injury of liver
49594	SH51000	Superficial burn of the leg, unspecified

1		
2	868 S413	Fracture dislocations and fracture subluxations
3	5951 7K1LM00	Closed reduction of fracture of wrist
4	41138 S102z00	Closed fracture thoracic vertebra not otherwise specified
5 6	49529 7J42200	Manipulative reduction of fracture of spine
7	28413 S240300	Closed fracture triquetral
8	62827 S837z00	Open wound in mouth with complication, NOS
9	30391 7J18200	Reduction of dislocation of temporomandibular joint
10	33971 SF21.00	Crush injury elbow or forearm
11	11476 SA13100	Degloving injury, lower leg
12 13	45872 SA12.00	Open wound of knee, leg and ankle with tendon involvement
14	53566 S131.00	Open fracture acetabulum
15	49259 SD0y200	Superficial injury of scalp NOS
16	33518 N083L00	Habitual dislocation of the shoulder
17	70886 SA13200	Degloving injury, ankle
18 19	47774 SB41.00	Superficial femoral artery injury
20	12613 SK1E.00	Injury of muscle and tendon at lower leg level
21	63253 S103.00	Open fracture thoracic vertebra
22	58717 SJ35000	Closed injury sacral plexus
23	41707 S022500	Closed fracture of mandible, angle of jaw
24 25	61396 SB3x000	Injury of multiple blood vessels at forearm level
26	48942 SD3yz00	Superficial injury of lower arm, without infection NOS
27	61514 S735500	Rectum injury with open wound into cavity
28	65309 TK54.00	Suicide and selfinflicted injury by other firearm
29	31764 N082400	Pathological dislocation of the hand
30 31	51924 SJ44.00	Iliolumbar nerve injury
32	57978 SJ1z.00	Injury to other cranial nerve NOS
33	70486 S221400	Open fracture proximal humerus, head
34	70684 SH12B00	Deep partial thickness burn of the ear
35	50267 S739.00	Injury of rectum
36 37	60518 S233000	Open fracture of radius, shaft, unspecified
38	8243 S305.00	Subtrochanteric fracture
39	48817 SJ11.00	Trochlear (4th) nerve injury
40	73824 S241B00	Open fracture scaphoid, waist, transverse
41	45934 SR11.00	Fractures involving thorax with lower back and pelvis
42 43	44800 SH42200	Superficial partial thickness burn of the thumb
44	60343 S4C3000	Open fracture-subluxation, distal radio-ulnar joint
45	38844 S903.00	Degloving injury, shoulder or upper arm
46	203 S234.11	Wrist fracture - closed
47	16220 SD9y.00	Other superficial injury, without mention of infection, NOS
48 49	48695 SB47200	Injury of lesser saphenous vein at lower leg level
50	66341 SC100	Late effect of skin and subcutaneous tissue injury
51	28478 SF02000	Crush injury, throat, unspecified
52	1857 S354.00	Fracture of calcaneus
53 54	31761 S4111	Dislocation of humerus
54 55	54238 SH22500	Superficial partial thickness burn of the buttock
56	48635 S420200	Closed traumatic dislocation elbow joint, posterior
57	50080 SB14.00	Innominate (brachiocephalic) vein injury
58	48596 S722200	Closed injury of pleura
59 60	72822 S4H2600	Closed fracture-subluxation, IPJ, multiple toes
00	48540 SAA00	Open wounds involving multiple regions of lower limb(s)

49801 S331012	Open fracture of tibial tuberosity
724 SK13111	Injury arm
99151 S101511	C5 vertebra open fracture without spinal cord lesion
18301 S235F00	Open Barton's fracture
97064 S013.00	Open fracture base of skull with intracranial injury
17776 S920100	Open wound of hand, dorsum
48245 S233300	Open fracture radius and ulna, middle
48239 S221300	Open fracture proximal humerus, greater tuberosity
73279 SD1z400	Superficial injury of back NOS, infected
100506 SJ64100	Open injury cutaneous sensory nerve, leg
71480 SJ53300	Open injury, radial nerve, sensory branch
48185 S801.00	Full thickness eyelid laceration no lacrimal passage damage
66152 SJ31500	Thoracic nerve root injury - T6
40433 S780400	Retroperitoneum injury without open wound into cavity
35310 S465000	Closed traumatic dislocation of knee, unspecified
51703 \$738.00	Injury of colon
35260 S150000	Closed multiple fractures of thoracic spine
4008 S921.00	Open wound of hand with complication
24074 SJ66.00	Injury of nerves at lower leg level
2050 SK17.11	Injury toe
19416 SJ30.00	Cervical nerve root injury
25539 SH40z00	Unspecified thickness burn of the wrist or hand NOS
30347 SE24z00	Contusion, genital organs NOS
56433 SH23.00	Full thickness burn of the trunk
47847 S251z00	Open fracture of metacarpal bone(s) NOS
42076 S234400	Closed fracture of ulna, lower epiphysis
33414 SH52.00	Partial thickness burn of the leg
72455 SJ63100	Closed injury superficial peroneal nerve
12369 S339100	Open fracture of distal fibula
7009 S230600	Closed fracture radius, head
37318 S494.00	Closed dislocation of other vertebra
25312 7J13300	Reduction of blowout fracture of orbital floor
61581 SH12700	Superficial partial thickness burn of the forehead
22636 S930200	Open wound, thumb
50053 S234A00	Closd dorsal Barton's fracture
34401 SD00100	Abrasion/friction burn of neck, without infection
62850 SH32500	Superficial partial thickness burn of the shoulder
65732 TN21.00	Injury ?accidental, poisoning by other carbon monoxide
27775 S465.00	Other closed traumatic dislocation of knee
24672 S100700	Closed fracture of seventh cervical vertebra
73057 S430y00	Other closed traumatic dislocation of wrist
63064 7J03y00	Other specified reduction of fracture of facial bone
47796 SB0y011	Jugular vein injury NOS
70657 \$713100	Lung contusion with open wound into thorax
40280 SJ67000	Injury of lateral plantar nerve
94398 S464000	Open traumatic dislocation patello-femoral joint, lateral
46955 S352900	Closed fracture talus, neck
57981 S14z.00	Fracture of ill-defined bone of trunk NOS
16322 S480400	Closed traumatic metatarsal dislocation, unspecified
46798 S4C3100	Open fracture-subluxation radiocarpal joint
	•

1		
2	69010 SH32000	Superficial partial thickness burn of the arm, unspecified
3	97343 SJ5C100	Open injury, posterior interosseous nerve
4	67871 SH31x00	Superficial burn of multiple sites of the arm
5	8375 SD3y200	Superficial injury of wrist NOS
6 7	42251 SD1y300	Superficial injury abdom wall NOS, without major open wound
8	46592 S132200	Closed fracture pelvis, multiple pubic rami - unstable
9	4359 S23x300	Closed fracture of the radius and ulna
10	36808 SJB2.00	Injury of superficial vein at shoulder and upper arm level
11	89228 S913300	Degloving injury wrist, dorsum
12	46482 SB15.00	Subclavian vein injury
13 14	71940 SB46.00	Deep plantar blood vessel injury
15	33854 SD81z00	Superficial injury of cornea NOS
16	45180 S420600	Closed traumatic dislocation superior radio-ulnar joint
17	5586 SE23.00	Contusion, back
18	33706 S331000	Open fracture of the proximal tibia
19 20	46151 S77C.00	Injury of multiple pelvic organs
21	33908 S2700	Multiple fractures of hand bones
22	68085 S241000	Open fracture of carpal bone, unspecified
23	93679 S4J0300	Closed #-dislocation sterno-clavicular joint, posterior
24	27287 S02x000	Fracture of alveolus, closed
25	33990 S271.00	Open multiple fractures of hand bones
26 27	103210 SH24100	Deep full thickness burn of breast without loss of body part
28	9475 SH100	Burn of the face, head or neck
29	19134 SB43.00	
30		Saphenous vein injury Closed fracture of fourth cervical vertebra
31	41548 S100400	
32 33	48759 SD20100	Abrasion, scapular area
34	16031 S770000	Closed injury of bladder
35	50897 SJ16000	Closed injury, accessory nerve
36	56525 S346000	Closed fracture ankle, trimalleolar, low fibular fracture
37	103524 S4C2200	Closed fracture-subluxation mid carpal
38 39	23821 SK1D.00	Injury of muscle and tendon at hip and thigh level
40	45374 S260x00	Closed fractures of phalanx or phalanges, multiple sites
41	31553 SB00300	Internal carotid artery injury
42	28376 SH41700	Superficial burn of the wrist
43	34334 S933.00	Degloving injury, finger Open fracture scapula, acromion
44	55687 S211100	
45 46	17462 SF01.00	Crush injury, scalp
47	62832 SJ50000	Closed injury, axillary nerve
48	45826 SH74000	Burn of the vagina
49	45488 SE32400	Contusion wrist, volar
50	28209 S911000	Open wound of forearm with complication
51 52	69470 SF30400	Closed crush injury, hip
52 53	59333 S491500	Open dislocation C4/C5
54	10737 8211	Closed reduction of fracture
55	11493 SD31.00	Abrasion or friction burn of lower arm, infected
56	40373 SF31000	Crush injury, lower leg
57	67988 TN05.00	Injury ?accidental, poisoning by drug or medicament NOS
58 59	61675 S235900	Open volar Barton's fracture
60	60222 SJ31000	Thoracic nerve root injury - T1
	34166 S10z.00	Fracture of spine without mention of spinal cord lesion NOS

40697 SH6z.00	Burn of multiple specified sites NOS
21473 SD80.00	Superficial injury of eyelids and periocular area
4883 SE0z.00	Contusion of face, scalp and neck NOS
56120 ZRM11	ISS - Injury severity score
59932 S410y00	Other closed traumatic dislocation of shoulder
37013 TG81100	Accidental burning caused by ammonia
93039 TN200	Injury ?accidental, poisoning by other gases
29766 S8000	Open wound of ocular adnexa
56384 S120300	Closed fracture of three ribs
67641 SC00.00	Late effect of fracture of skull and face bones
36291 S832z00	Open wound of nose NOS
35066 SA12.11	Open wound of leg with tendon injury
2127 S836400	Open wound of tongue
68940 S025z00	Fracture of malar or maxillary bones, open, NOS
27632 S643.00	Diffuse brain injury
59341 S022300	Closed fracture of mandible, coronoid process
55483 SB23300	Splenic vein injury
67584 S4C0200	Closed fracture-dislocation mid carpal
33749 S200.00	Closed fracture of clavicle
53693 S251500	Open fracture finger metacarpal head
65728 SH23400	Full thickness burn of the back (excluding buttock)
53582 S740y00	Other liver laceration without open wound into cavity
2643 S2511	Hand fracture - metacarpal bone
99162 SJ41200	Splanchnic nerve injury
73447 S750z00	Spleen injury without mention of open wound into cavity NOS
27848 SJ61000	Closed injury femoral nerve
56961 S1200	Fracture of rib(s), sternum, larynx and trachea
59278 SJ21.11	Dorsal cord injury without spinal bone injury
56831 SC20z00	Late effect of intracranial injury NOS
37192 S021.11	Open fracture nasal bone
69418 S130400	Closed fracture acetabulum, floor
52398 S260V00	Closed fracture finger distal phalanx, mallet
60090 S441100	Open traumatic dislocation metacarpophalangeal joint
94360 S311z00	Open fracture of femur, shaft or unspecified part, NOS
16496 S7600	Injury to kidney
10676 S424.00	Dislocation of radial head
91120 SJ1y100	Glossopharyngeal (9th) nerve injury
38472 7K1Ld00	Primary arthroscopic reduction of fracture
43786 S1112	Fracture of vertebra with spinal cord lesion
54299 S100K00	Closed fracture cervical vertebra, spinous process
71512 SC200	Late effect of nervous system injury
5886 7K1L700	Closed reduction of fracture of tibia and or fibula
95781 S497z00	Open dislocation NOS
37087 S82v012	Open wound of tympanic membrane without complication
57444 S116.00	Closed fracture of sacrum with spinal cord lesion
34106 S311000	Open fracture of femur, unspecified part
25173 7J03000	Reduction of fracture of nasoethmoid complex of bones
12791 S310011	Thigh fracture NOS
94172 SH22x00	Partial thickness burn of multiple sites of the trunk
56539 SB24100	Renal artery injury

27201 CD7	7-100 Cunou	ficial injury of too NOC inforted
37281 SD7	•	ficial injury of toe NOS, infected
45779 S30		d fracture of femur, upper epiphysis
49564 7J4:	•	reduction of fracture of spine & excis facet of spine
68103 S73		eas tail injury without open wound into cavity
3408 S02	•	fracture nose
17765 SH5	•	ficial burn of the thigh
102013 S24	•	fracture of carpal bone NOS
51314 SH5		nickness burn of the toe(s)
38867 SR2	00 Disloc	cations, sprains & strains involv multiple body regions
33679 S26	0G00 Close	d fracture finger proximal phalanx, neck
11470 SA1	00 Open	wound of knee, leg and ankle
73713 SH4	14000 Deep	full thickness burn of hand unsp, no loss of body part
39991 7K6	GD00 Close	d reduction of dislocation of foot
12101 SD6	60000 Abras	ion, hip
73981 S30	1.00 Open	fracture proximal femur, transcervical
64872 S10	2300 Close	d fracture thoracic vertebra, spinous process
96120 S43	0200 Close	d traumatic dislocation radiocarpal joint
96984 S13	5000 Open	fracture of ilium, unspecified
8702 SD6	500 Super	ficial injury of lower limb, excluding foot
64098 SF2		injury, elbow and forearm NOS
57979 S24		d fracture of carpal bone, unspecified
33929 S24		d fracture of carpal bone NOS
40833 SD2		ion or friction burn shoulder/upper arm, infected, NOS
64525 SH7		of the pharynx
56927 S4G		fracture-dislocation, ankle joint
28038 SE2	•	ision, anterior abdominal wall
8704 S23		fracture of the radius and ulna
73788 S11		d spinal fracture with cauda equina lesion
96659 S10		d fracture thoracic vertebra, spondylolysis
94457 SH8		10-14% of body surface, 10-14% BS full thickness
47837 S24		d fracture scaphoid, waist, oblique
67443 S73		verse colon injury without open wound into cavity
101517 S11		d fracture of coccyx with spinal cord lesion NOS
54471 SF3		injury, ankle and foot, excluding toe(s)
29003 SH4		nickness burn of the thumb wound of foot NOS
28124 SA2	•	
70604 S22	•	fracture proximal humerus, three part
22512 SJ59	J	thoracic nerve injury
99549 S02	•	fracture of mandible, subcondylar
56311 S24	•	fracture trapezium
2672 S36		ure of one or more phalanges of foot
49357 TG8	30200 Accid	ental burning or scalding caused by liquid metal
36460 S49	z.00 Other	dislocation NOS
65300 S10	1600 Open	fracture of sixth cervical vertebra
110570 S41	.1500 Open	traumatic dislocation scapula
28604 S36	2000 Close	d fracture of great toe
23780 S03	z.11 Depre	essed skull fracture NOS
110247 7J4	2J00 Prima	ry closed reduction spinal fracture alone
25485 S33	z.00 Fractı	ure of tibia and fibula, NOS
98867 S25	1A00 Open	fracture thumb metacarpal shaft
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110059	SJ33100	Sacral nerve root injury - S2
7672	7K1D.00	Primary open reduction fracture bone & intramedull fixation
51392	7J13100	Open reduction of fracture of maxilla NEC
38765	S34y.00	Open fracture ankle, unspecified
20589 9	S911200	Open wound of wrist with complication
24246 9	SK1x800	Multiple open wounds of lower leg
23741 9	SJW00	Injury of unspecified nerve at forearm level
65731 9	S261900	Open fracture thumb distal phalanx, base
384 7	TC11	Fall - accidental
55201 9	S231z00	Open fracture of forearm, upper end, NOS
108484	S112000	Cls spinal fracture with unspec thoracic cord lesion,T1-6
108839	SH88.00	Burn involving 80-89% of body surface (BS)
48874 9	S4D2.00	Closed fracture-subluxation digit
98165	7J42B00	Primary other external stabilisation of spinal fracture
104624 9	S431200	Open traumatic dislocation radiocarpal joint
108551	S490211	Closed dislocation of second cervical vertebra (C2)
109098 9	SJ2x.00	Spinal cord injury multiple site without spinal bone injury
27492 9	S031.00	Closed fracture of skull NOS with intracranial injury
933 F	PE30.00	Congenital dislocation of hip
93829	S491.12	Open dislocation of neck
5918 9	SK1D000	Injury of adductor muscle and tendon of thigh
108000 9	S135100	Open fracture pelvis, ischium
106875	S4H1600	Open fracture-dislocation, IPJ, multiple toes
48625 9	S723100	Open injury of oesophagus
38482 9	SF23200	Closed crush injury, finger, multiple
27718 9	S4A0100	Closed fracture-dislocation acromio-clavicular joint
22403 9	SB44.00	Popliteal blood vessel injury
69319	7J13z00	Reduction of fracture of maxilla NOS
27719 9	\$334.00	Closed fracture distal tibia
61735	SJ41.00	Other sympathic nerve injury
52340 9	S4H1.00	Open fracture-dislocation, foot
106511 9	S621z00	Subarachnoid h'ge inj + open intracran wnd+concussion unspec
44054 9	S491800	Open dislocation C7/T1
5860 9	SD1y100	Superficial injury chest wall NOS, without major open wound
59199	S481600	Open traumatic dislocation toe, IPJ, single
6248	7K1J.00	Closed (or no) reduction of fracture and internal fixation
99932 9	S431100	Open traumatic dislocation distal radio-ulnar joint
106490 9	S73y100	Pancreas head injury with open wound into cavity
100701 9	S725000	Closed injury of thoracic trachea
44640 9	S900200	Open wound of axillary region
30707 9	S0112	Ethmoid sinus fracture
33985	S4D0300	Closed fracture-dislocation, distal interphalangeal joint
93458 9	S622z00	Subdural h'ge inj no open intracran wound+concussion unspec
10149 9	S23A.00	Fracture of shafts of both ulna and radius
106172 5	SJ51100	Closed injury, median nerve, palmar sensory branch
106139	TN01300	Injury ?accidental poisoning by Pentobarbitone
40976	S292000	Closed multiple fractures of clavicle, scapula and humerus
35650 9	SB10.00	Thoracic aorta injury
10475	7K6GH00	Closed reduction of dislocation of jaw
33937 9	SH32.00	Partial thickness burn of the arm

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	S4J3000	Open fracture-subluxation of sternum
	S490z00	Closed dislocation of cervical vertebra NOS
	S345000	Open fracture ankle, bimalleolar, low fibular fracture
	S263.00	Fracture of other finger Closed traumatic dislocation, head of fibula
	S465600	Closed traumatic dislocation, head of fibula
	S72x.00	Multiple intrathoracic organ injury no open wound to cavity
	S601.00	Concussion with less than 1 hour loss of consciousness
	S361200	Open fracture distal phalanx, toe
	SJ10.00	Oculomotor (3rd) nerve injury
	S223000	Open fracture of humerus NOS
	7K6GL00	Closed reduction of dislocation of nasal septum
	SD71.00	Abrasion or friction burn of foot and toe, infected
	SJ31800	Thoracic nerve root injury - T9
	SB23.00	Portal and splenic vein injury
	S4F6.00	Closed fracture-subluxation, patello-femoral joint
	S011300	Closed #skull bse + intracranial injury, 1-24hr loss consc
	SD20400	Abrasion, clavicular area
	SD6z.00	Superficial injury of lower limb, infected
	SH54300	Deep full thickness burn of ankle without loss of body part
	S235400	Open fracture of ulna, lower epiphysis
	7J43.00	Fixation of fracture of spine
	SH71z00	Burn of the larynx, trachea or lung NOS
	TKxz.00	Suicide and selfinflicted injury by other means NOS
	N226K00	Dislocation of tendon, wrist or hand
	S10A000	Fracture of first cervical vertebra
	S333200	Open fracture of tibia and fibula, shaft
	S010000	Closed #skull bse no intracranial injury, unspec state consc
	SA23.00	Degloving injury, foot
	S441z00	Open traumatic dislocation of finger not otherwise specified
	S224.11	Elbow fracture - closed
	SE32000	Contusion, hand, excluding finger
	SD11500	Abrasion of buttock, infected
	S4B2100	Closed fracture-subluxation superior radio-ulnar joint
	S110100	Cls spinal fracture with complete cervcl cord lesion, C1-4
	S261L00	Open fracture finger middle phalanx, base
	SK12500	Injury of muscle of rotator cuff of shoulder
	S303011	Open fracture of femur, greater trochanter
	S4D2600	Closed fracture-subluxation multiple digits
	SK12z00	Other shoulder and upper arm injury NOS
	SB00z00	Carotid artery injury NOS
	S232000	Closed fracture of radius, shaft, unspecified
	SJ31900	Thoracic nerve root injury - T10
	S23y.00	Open fracture of radius and ulna, unspecified part
	SJ33000	Sacral nerve root injury - S1
	SK1x200	Multiple open wounds of neck
	SyuA400	[X]Multiple dislocations, sprains and strains, unspecified
	SE23000	Contusion, interscapular region
	TK600	Suicide and selfinflicted injury by cutting and stabbing
	SB200	Injury to abdominal and pelvic blood vessels
4452	N083.00	Recurrent dislocation of joint

102775 SJ21z00	Thoracic cord injury without spinal bone injury, NOS
104898 SA03000	Degloving injury, hip
25654 7K6F.00	Primary open reduction of traumatic dislocation of joint
62728 S760000	Kidney injury without open wound into cavity, unspecified
28325 SH012	Corneal burns
72101 S494z00	Closed dislocation of spine NOS
57592 S210z00	Closed fracture of scapula NOS
59419 S833200	Open wound of nasal cavity with complication
102254 7K1Y.00	Second closed reduction fracture bone and internal fixation
105238 K0412	Acute kidney injury
10843 TN60.00	Injury ?accidental, by cutting instrument
60260 S023800	Open fracture of mandible, body, other and unspecified
34454 SJ54.00	Musculocutaneous nerve injury
71411 SH33000	Full thickness burn of the arm, unspecified
66298 S840000	Open wound of larynx and trachea, unspecified
54149 S4B1000	Open fracture-dislocation elbow joint
9736 S0115	Occiput bone fracture
61631 S431400	Open traumatic dislocation CMCJ
18453 S49x.13	Hand dislocation NOS
35312 S02yz00	Fracture of other facial bones, open, NOS
101914 S82v300	Open wound of cochlea
71722 S852.00	Open wound of front wall of thorax
23753 TK700	Suicide and selfinflicted injury by jumping from high place
9165 S234300	Closed fracture of ulna, styloid process
55189 SF32z00	Crush injury, ankle and foot NOS
25768 SD5z.00	Superficial injury of finger NOS, infected
24804 SF10211	Crush injury of labia
34355 7K1JK00	Primary closed reduction of fracture and wire fixation
27431 SH20600	Unspecified thickness burn of the genitalia
6998 SE23100	Contusion, buttock
38296 SA400	Multiple and unspecified open wound of lower limb
101909 S495100	Open dislocation of coccyx
101488 SF20900	Open crush injury, shoulder area
34634 7J42100	Open reduction of fracture of spine NEC
63049 S4D0600	Closed fracture-dislocation multiple digits
7485 SD61.00	Abrasion or friction burn of lower limb, infected
47842 S000.00	Closed fracture vault of skull without intracranial injury
101241 SB16.00	Pulmonary blood vessel injury
19058 S234D00	Closed fracture distal radius, extra-articular, other type
44790 S232200	Closed fracture of the ulnar shaft
66544 S4D3100	Open fracture-subluxation, metacarpophalangeal joint
94416 S261500	Open fracture thumb proximal phalanx, shaft
100875 S61x600	Brain cont no open intracranial wound + LOC unspec duration
29673 S82v.00	Other open wound of ear
18958 SH21200	Superficial burn of the chest wall
100771 S301311	Open fracture base of neck of femur
97736 S497700	Open traumatic dislocation costo-chondral joint
68731 SH13200	Full thickness burn of the eye
100640 S33B.00	Open fracture of distal tibia and fibula
44885 SB2y100	Ovarian vein injury

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	PE8y200	Congenital dislocation of elbow
	S3700	Fracture of lower limb, level unspecified
	S362.00	Fracture of great toe
	S836x00	Multiple open mouth wounds
	S330000	Closed fracture of the proximal tibia
	SE1z.00	Contusion, eye NOS
39355	SJ23.00	Sacral cord injury without bony injury
31982	S820000	Open wound of external ear, unspecified
68436	S894.00	Open wound of lateral abdominal wall
104726	S003400	Open #skull vlt + intracranial injury, >24hr LOC + recovery
34367	S23y100	Open fracture of radius (alone), unspecified
34158	S420.00	Closed traumatic dislocation elbow joint
96734	S481700	Open traumatic dislocation, metatarso-phalangeal jnt, multi
8439	SD41.00	Abrasion or friction burn of hand, infected
41154	S776.00	Injury of ureter
65195	SH41.11	Erythema of wrist and hand, first degree burn
28954	S312.00	Closed fracture distal femur
36282	SD4z.00	Superficial injury of hand NOS, infected
51916	SH14900	Deep full thickness burn of neck without loss of body part
73759	S821z00	Open wound of external ear with complication, NOS
97891	TN52.00	Injury ?accidental, by hunting rifle
47828	S347000	Open fracture ankle, trimalleolar, low fibular fracture
3373	S834400	Open wound of lip
60560	S901300	Open wound of upper arm with complication
27517	SE22200	Contusion, groin
99895	S12y.00	Fracture of other parts of bony thorax
99127	SH85z00	Burn: 50-59% of body surface NOS
18360	S410.00	Closed traumatic dislocation of shoulder
7393	7K15.00	Other surgical fracture of bone
835	S10B200	Fracture of coccyx
66322	S150100	Open multiple fracture of thoracic spine
48959	SA11.00	Open wound of knee, leg and ankle with complication
	7K6GX00	Primary closed reduction of fracture dislocation alone
	S353500	Open fracture intermediate cuneiform
	SC00	Late effects injury/poisoning/toxic effects/external causes
27615	SF23300	Open crush injury, finger
	S440600	Closed traumatic dislocation multiple digits
	S302012	Closed fracture of femur, lesser trochanter
2490	S9313	Open wound of thumb
	SH24500	Deep full thickness burn of buttock, no loss of body part
	SC13.00	Late effect of contusion
	S4F5.00	Open fracture-dislocation, patello-femoral joint
	SB22100	Gastric artery injury
	S480200	Closed traumatic dislocation, midtarsal joint
	SH87.00	Burn involving 70-79% of body surface (BS)
	S225400	Open fracture of distal humerus, condyle(s) unspecified
	S130z00	Closed fracture acetabulum NOS
	S480300	Closed traumatic dislocation, tarso-metatarsal joint
	SH73300	Burn of the rectum
	S47z.00	Dislocation of ankle NOS
31320	5 1, 2.00	Distribution of affine 1100

	S4C2600	Closed fracture-subluxation peri-lunate trans-scaphoid
30561	SH11800	Superficial burn of the cheek
	SJ20z00	Cervical cord injury without spinal bone injury NOS
37575	SH10700	Unspecified thickness burn of the forehead
22427	S430012	Dislocation of radius - distal
99140	SH55300	Deep full thickness burn of ankle, with loss of body part
18239	SJ30500	Cervical nerve root injury - C6
69297	TN6z.00	Injury ?accidental, by cutting or stabbing instrument NOS
99080	S735.00	Colon or rectum injury with open wound into cavity
9719	SJ52.00	Ulnar nerve injury
93426	SH13700	Full thickness burn of the forehead
33705	SJ56400	Open injury, digital nerve in finger
417	S020.00	Closed fracture nose
56576	SJ32100	Lumbar nerve root injury - L2
99018	S001100	Closed #skull vlt + intracranial injury, no loss of consc
21942	7K1Gy11	Primary open reduction of bone fracture & external fixation
72412	S001400	Closed #skull vlt + intracranial injury, >24hr LOC+recovery
94265	S4D1200	Open fracture-dislocation IPJ, unspecified
53632	SD6z300	Superficial injury of lower leg NOS, infected
40378	S910300	Open wound of wrist, volar
99325	S225x00	Open fracture of distal humerus, multiple
29913	SH42100	Superficial partial thickness burn of a single finger
107041	S043.00	Mult #skull/face + other bones, open + intracranial injury
53859	SD70z00	Abrasion of foot and toe, without mention of infection, NOS
66539	7K6FF00	Primary open reduction of # dislocation+cast immobilisation
24797	SF00.00	Crush injury, face
57067	S820200	Open wound of auditory canal
5139	SE42100	Contusion, ankle
801	S430400	Closed traumatic dislocation carpometacarpal joint
98096	SB34100	Open injury, palmar artery
46171	7J42700	Primary collar stabilisation of spinal fracture
	SJ70.12	Neck superficial nerve injury
99584	SB24z00	Renal blood vessel injury NOS
	SJ90.00	Concussion and oedema of thoracic spinal cord
	SF31400	Open crush injury, lower leg
	SD70000	Abrasion, foot
	SH42000	Superficial partial thickness burn of hand, unspecified
	SF21400	Open crush injury, forearm
	\$880000	Degloving injury penis
	SRz00	Injury involving multiple body regions NOS
	S73A.00	Injury of anus
	SF30100	Crush injury, hip
	S480100	Closed traumatic tarsal dislocation, unspecified
	SD10200	Abrasion, breast
	S77B.00	Injury of uterus
	S77.00	Other and unspecified intrathoracic organ injury
	7K6G900	Closed reduction of dislocation of hip
	S132y00	Other specified closed fracture pubis
	SF22900	Open crush injury hand, palm
	S332100	Closed fracture shaft of fibula
20720	3332100	Globes tracture shart of fibula

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1 2	29889 SE32300	Contusion hand, dorsum
3	71846 SF00z00	Crush injury, face NOS
4	58720 S4E1.00	Open fracture-dislocation, hip joint
5	97354 S107100	Open vertical fracture of sacrum
6 7	68595 S4C2300	Closed fracture-subluxation, carpometacarpal joint
8	31474 SH52500	Superficial partial thickness burn of the knee
9	16389 S210100	Closed fracture scapula, acromion
10	6731 S349.00	Fracture of lateral malleolus
11	69654 SD2z300	Superficial injury of upper arm NOS, infected
12	11254 SE31100	Contusion, elbow area
13 14	18962 7K1L500	Closed reduction of fracture of femur
15	48076 SB25300	Iliac artery injury
16	54221 SA11200	Open wound of ankle with complication
17	9346 SD3y100	Superficial injury of forearm NOS
18	52724 SH52400	Superficial partial thickness burn of the lower leg
19 20	72735 SJ34200	Closed injury, brachial plexus, all roots (complete)
21	41893 SH31000	Superficial burn of the arm, unspecified
22	96643 S126100	Open fracture of hyoid bone
23	56309 SD10z00	Abrasion/friction burn of trunk, without infection NOS
24	63983 TN07.00	Injury ?accidental, poisoning by agricultural chemicals
25 26	40313 SH43700	Full thickness burn of the wrist
27	65361 SJB3.00	Injury/multiple blood vessels at shoulder+upper arm level
28	96716 S781.00	Open injury other intra-abdominal structure
29	8915 S293.00	Multiple fractures of forearm
30	65647 S645000	Intracranial injury with prolonged coma without open wound
31 32	27497 SD80z00	Superficial injury of eyelids and periocular area NOS
33	25026 SB36000	Injury of vein at forearm level
34	62562 S131y00	Other specified open fracture acetabulum
35	24611 7K6F200	Primary open reduction of fracture dislocation of joint NEC
36	63191 TG80500	Accidental burning/scalding by boiling water from saucepan
37 38	40888 TN50.00	Injury ?accidental, by handgun
39	54915 SC07.00	Late effect of sprain without mention of tendon injury
40	49847 S352600	Closed fracture lateral cuneiform
41	41819 SD40000	Abrasion hand, palm
42	97791 S780300	Peritoneum injury without mention of open wound into cavity
43 44	57061 SE32500	Contusion wrist, dorsum
45	60754 S46C.00	Injury to multiple structures of knee
46	96473 S117.00	Open fracture of sacrum with spinal cord lesion
47	38492 SH12611	Scalp - 2nd degree burn
48	7034 7K1LE00	Closed reduction of fracture of elbow
49 50	26133 S430500	Closed traumatic dislocation proximal metacarpal
51	56886 S240y00	Closed tradifiatic dislocation proximal metacarpar
52	96434 SJ6z.00	•
53	29162 S3zz.00	Pelvic girdle and lower limb nerve injury NOS Fracture of bones NOS
54	12441 S834600	Open wound of chin
55 56		·
57	53036 SD0yz00	Superficial injury of face/neck/scalp, no infection, NOS
58	104738 S02y200	Fracture of palate, open
59	69261 S832x00 7606 TN82.00	Multiple wounds of nose
60	11825 SK100	Injury ?accidental, by scald Other specified injury
	11023 3K1UU	Other specified injury

24065 SJ500	Shoulder girdle and upper limb peripheral nerve injury
28524 S102100	Closed fracture thoracic vertebra, wedge
65028 S4H2100	Closed fracture-subluxation, midtarsal joint
15800 7J03.00	Reduction of fracture of facial bone
96956 SD1zC00	Superficial injury of vulva NOS, infected
95839 S12y000	Closed fracture of other parts of bony thorax
35974 S481300	Open traumatic dislocation, tarso-metatarsal joint
9926 SE04.00	Contusion, gum
100361 S497600	Open traumatic dislocation costo-vertebral joint
9202 SH900	Burn - unspecified
28475 SD61400	Abrasion of ankle, infected
95633 S294000	Cl fractures involving multiple regions of both upper limbs
29313 SA1z.00	Open wound of knee, leg and ankle NOS
41555 S933000	Degloving injury, finger unspecified
95601 SB25.00	Iliac blood vessel injury
62716 S022.11	Fracture of inferior maxilla, closed
6727 SF200	Crush injury, upper limb
3898 S910200	Open wound of wrist, unspecified
6579 SD7y100	Superficial injury of toe NOS
806 S339.00	Fracture of fibula alone
55106 SH53600	Full thickness burn of the thigh
66610 S73y500	Appendix injury with open wound into cavity
11938 SD20.00	Abrasion/friction burn shoulder/upper arm without infection
94709 S860000	Degloving injury back
48886 S102400	Closed fracture thoracic vertebra, transverse process
51938 S333100	Open fracture shaft of fibula
55171 SJ31300	Thoracic nerve root injury - T4
12232 SD00200	Abrasion, scalp
45192 SB34200	Injury of superficial palmar arch
73072 SH23000	Full thickness burn of the trunk, unspecified
69475 S913000	Degloving injury, forearm
31130 SD7z.00	Superficial injury of foot and toe NOS, infected
7500 S262.00	Fracture of thumb
25811 S250800	Closed fracture of thumb metacarpal
70503 S233200	Open fracture of the ulnar shaft
71894 S901000	Open wound of shoulder region with complication
28234 S134400	Closed fracture pelvis, anterior superior iliac spine
68021 SJ17.00	Hypoglossal (12th) nerve injury
99512 S604.00	Concussion with >24 hrs loss of consc without full recovery
16886 S8112	Open wound of eye
37858 S410211	Posterior dislocation of shoulder
51741 SC01000	Late effect of fracture of cervical vertebra
33974 S341.00	Open fracture ankle, medial malleolus
48332 7K6Gb00	Primary closed reduction # dislocation+fixation by wire(s)
103696 SJ22500	Incomplete lumbar cord injury,unsp,without bony injury
31031 SH52.11	Blister of leg, second degree burn
40078 S125100	Closed fracture of hyoid bone
50524 S000200	Closed #skull vlt no intracranial injury, <1hr loss of consc
65542 S781300	Peritoneum injury with open wound into cavity
104931 S023600	Open fracture of mandible, symphysis of body

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94368	S774.00	Closed injury of uterus
94365	SB44100	Popliteal artery injury, unspecified
10252	S100	Fracture of neck and trunk
68514	S4H3400	Open fracture-subluxation, IPJ, single toe
94292	S100D00	Closed fracture axis, transverse process
68737	SA12100	Open wound of lower leg with tendon involvement
35076	SJ6X.00	Injury of unspecified nerve at hip and thigh level
8199	S264.00	Multiple fractures of fingers
43094	SH89.00	Burn involving >90% of body surface (BS)
38733	S330700	Closed fracture tubercle, tibia
94189	S115.00	Open fracture of lumbar spine with spinal cord lesion
110419	SH45000	Deep full thickness burn of hand unsp, with loss body part
95581	SB44z00	Popliteal blood vessel injury NOS
30072	SC08.00	Late effect of tendon injury
34403	S10A100	Fracture of second cervical vertebra
100528	SB25400	Iliac vein injury
52414	SH51z00	Superficial burn of the leg NOS
24135	S0114	Middle fossa fracture
55327	S312x00	Closed fracture distal femur, comminuted/intra-articular
7428	7K1LG00	Closed reduction of fracture of shoulder
	N331N00	Fragility fracture
60239	S023z00	Fracture of mandible, open, NOS
50356	SH30300	Unspecified thickness burn of the upper arm
56302	TG8yz00	Accidental burning caused by hot object NOS
40495	SH40400	Unspecified thickness burn of the thumb and finger(s)
35913	\$8900	Other open wounds of other sites, excluding limbs
35198	S4D0.00	Closed fracture-dislocation digit
61265	SH21z00	Superficial burn of the trunk NOS
	7K1K.00	Closed (or no) reduction of fracture and external fixation
63292	S4C1600	Open fracture-dislocation peri-lunate trans-scaphoid
93536	S353900	Open fracture talus, neck
	S3x0.00	Other, multiple and ill-defined closed fractures lower limb
	TN81.00	Injury ?accidental, by burns or fire
	SJ53400	Injury of radial nerve at wrist and hand level
93374	S4E2.00	Closed fracture-subluxation, hip joint
	SH13x00	Full thickness burn of multiple sites of face, head or neck
	TN80100	Injury ?accidental, by lying before moving object
61668	SH22.11	Blister of trunk, second degree burn
	S74z.00	Injury to liver, NOS
63982	S123.00	Open fracture sternum
51685	TK31.00	Suicide + selfinflicted injury by suffocation by plastic bag
91555	SH62.00	Partial thickness burn of multiple specified sites
9203	SF32100	Crush injury, ankle
66754	S640z00	Intracranial inj NOS no open intracran wnd+concussion unspec
100796	S012200	Open #skull bse no intracranial injury, <1hr loss of consc
94661	S4C3300	Open fracture-subluxation, carpometacarpal joint
42200	S4H0300	Closed #-dislocation, metatarsophalangeal joint, single
67358	S100411	C4 vertebra closed fracture without spinal cord lesion
	TK7z.00	Suicide+selfinflicted injury-jump from high place NOS
71903	TN8z.00	Injury ?accidental, by means NOS

4400 640 40	
4409 S1012	Fracture of vertebra without spinal cord lesion
92296 SH62000	Superficial partial thickness burn multiple specified sites
15260 SH40300	Unspecified thickness burn of more than one finger
66371 TN70.00	Injury ?accidental, fall from residential premises
60110 7K6F900	Primary open reduction of dislocation and skin traction
91823 SF11.00	Crush injury, other trunk sites
105958 S466000	Open traumatic dislocation of knee, unspecified
34954 S352400	Closed fracture medial cuneiform
38054 S30z.00	Open fracture of neck of femur NOS
91431 SB4W.00	Injury of unspecified blood vessel at lower leg level
91261 SA41.00	Multiple and unspec open wound of leg with complication
52780 S910z00	Open wound of lower arm, NOS
55955 S023500	Open fracture of mandible, angle of jaw
96483 SF22300	Closed crush injury wrist, volar
44687 SF23500	Open crush injury, finger, multiple
37478 S48z.00	Dislocation of foot NOS
99517 S741400	Liver major laceration with open wound into cavity
73210 S301400	Open fracture head, femur
65155 S4J0000	Closed fracture-dislocation of sternum
70673 S023000	Open fracture mandible (site unspecified)
89468 S491.13	Open dislocation cervical vertebra
89434 7P20100	Delivery of rehabilitation for hip fracture
16278 SD71z00	Abrasion or friction burn of foot and toe, infected, NOS
34212 S4J2100	Closed fracture-subluxation of pelvis
51950 SH25500	Deep full thickness burn of buttock, with loss of body part
53043 SJ51300	Open injury, median nerve
12859 SD30200	Abrasion wrist, volar
10589 SD71000	Abrasion of foot, infected
18295 SE24100	Contusion, penis
101906 TKx6.00	Suicide and selfinflicted injury by crashing of aircraft
3410 S4300	Dislocation or subluxation of wrist
71545 SH22000	Superficial partial thickness burn unspecified part of trunk
53593 S261B00	Open fracture thumb distal phalanx, tuft
86395 SJ31A00	Thoracic nerve root injury - T11
32298 S6z00	Intracranial injury, excluding those with skull fracture NOS
21909 SD10900	Abrasion, perineum
73193 SF1y.00	Crush injury, trunk, multiple sites
32012 7K1Le00	Primary arthroscopic reduction and fixation of fracture
73956 S121700	Open fracture of seven ribs
62877 TH000	Late effects of accidental injury
66431 SH56.00	Burn and corrosion of hip and lower limb, except ankle & foot
73812 7K1N900	Primary skeletal traction of fracture
30076 S2z00	Fracture of upper limb NOS
5766 SF32000	Crush injury, foot
3090 SE42000	Contusion, foot
38826 SD11200	Abrasion of breast, infected
36742 SD6y300	Superficial injury of lower leg NOS
40590 S480700	Cls traumatic dislocation, metatarso-phalangeal jnt,multiple
23987 S234211	Dupuytren's fracture, radius - closed
102868 SB2y.00	Other abdominal or pelvic blood vessel injury

1	73714 S740000	Liver injury without open wound into cavity, unspecified
2	43705 SC12.00	Late effect of superficial injury
4	33692 S0z00	Fracture of skull NOS
5	38878 S301500	Open fracture proximal femur, subcapital, Garden grade unspec
6	96413 SF0z.00	Crush injury, face, scalp and neck NOS
7	37394 SFz00	Crushing injury NOS
8	101173 SJ52700	Open injury, ulnar nerve, deep motor
10	57924 S350000	Closed fracture calcaneus, extra-articular
11	44567 TD17.00	Accident due to fall from other burning structure/building
12	72275 SB35.00	Digital blood vessel injury
13	12783 S8W00	Injury of blood vessels of head, NEC
14 15	73451 S013400	Open #skull bse + intracranial injury, >24hr LOC + recovery
16	62140 SJ62.00	Posterior tibial nerve injury
17	28070 S4G3.00	Open fracture-subluxation, ankle joint
18	34021 S332000	Closed fracture shaft of tibia
19	41730 S022200	Closed fracture shart of tibla Closed fracture of mandible, subcondylar
20 21	11313 S220100	
22	42882 S480.00	Closed fracture proximal humerus, neck Closed traumatic dislocation of foot
23	73416 S110z00	
24		Closed fracture of cervical spine with cord lesion NOS
25	99303 SR14.00	Fractures involving multiple regions of both lower limbs
26 27	51666 S241300	Open fracture triquetral
28	67346 SH42A00	Deep partial thickness burn of the thumb
29	73332 S750y00	Other spleen injury without mention of open wound to cavity
30	6734 7K14.00	Open surgical fracture of bone
31	59802 SJ17.11	Twelfth cranial nerve injury
32 33	59405 TKx0000	Suicide + selfinflicted injury-jumping before moving object
34	51137 SD2yz00	Superficial injury shoulder/upper arm, without infection NOS
35	49641 SB24.00 45956 S011600	Renal blood vessel injury
36		Closed #skull bse + intracranial injury, LOC unspec duration
37	14991 S800.00	Eyelid skin and periocular area laceration
38 39	73208 S313x00	Open fracture distal femur, comminuted/intra-articular
40	73206 S041.00	Mult #skull/face+other bones, closed + intracranial injury
41	64172 SD11400	Abrasion of back, infected
42	72586 S353B00	Open fracture metatarsal base
43	1520 S6000	Concussion
44 45	57736 S234A11	Closed dorsal Barton's fracture-dislocation
46	40393 S645.00	Intracranial injury with prolonged coma
47	48930 SH20z00	Unspecified thickness burn of the trunk NOS
48	12233 SD50.00	Abrasion/friction burn of finger, without infection
49 50	98267 S130600	Closed fracture acetabulum, double column unspecified
50 51	7792 SD71100	Abrasion of toe, infected
52	55930 7K6FE00	Primary open reduction of fracture dislocation alone
53	63358 SH15100	Deep full thickness burn of the ear, with loss of body part
54	33582 S260300	Closed Mantagricle fractives
55 56	2662 S230300	Closed Monteggia's fracture
56 57	72896 SB21z00	Inferior vena cava injury NOS
58	27527 SJ7x.00	Other specified nerve injury
59	9239 PE300	Congenital dislocation and subluxation of the hip
60	96696 SH82000	Burn: 20-29% of body surface,<10%/unspec BS full thickness
	98916 SH44500	Deep full thickness burn of palm hand, no loss of body part

72692	SH51x00	Superficial burn of multiple sites of the leg
53575	7J02300	Repair of fracture of cranium NEC
	S101x00	Multiple open fractures of cervical vertebrae
	7K6GP00	Primary closed reduction dislocation alone
61987	SF31200	Closed crush injury, lower leg
	S33y200	Open fracture of tibia and fibula, unspecified part
6914	SD11800	Abrasion of groin, infected
	SH44.14	Deep third degree burn of wrist, without loss of a body part
6706	SF211	Crush injury of arm
99505	S013200	Open #skull bse + intracranial injury, <1hr loss of consc
100040	S201100	Open fracture clavicle, medial end
72450	SH42x00	Partial thickness burn of multiple sites of the wrist/hand
	S4J0200	Closed #-dislocation sterno-clavicular joint, anterior
98933	S241600	Open fracture trapezoid
	S3z2.00	Stress fracture
23771	SE09.00	Contusion, scalp
72324	S1111	Fracture of transverse process of spine + spinal cord lesion
2470	S3z00	Fracture of unspecified bones
56248	SC01100	Late effect of fracture of thoracic vertebra
28233	S33y.00	Open fracture of tibia and fibula, unspecified part, NOS
49267	S2800	III-defined fractures of upper limb
57412	N082P00	Other acquired pathological dislocation of the hip
7317	S344.00	Closed fracture ankle, bimalleolar
67458	SH53000	Full thickness burn of the leg, unspecified
96453	S466z00	Open dislocation of knee NOS
72126	S734.00	Colon or rectum injury without open wound into cavity
42864	S232100	Closed fracture of the radial shaft
57246	S002.00	Open fracture vault of skull without intracranial injury
	S260800	Closed fracture thumb distal phalanx
45690	S4D1500	Open fracture-dislocation, interphalangeal joint thumb
3224	S8700	Open wound of buttock
35530	7K1LK00	Closed reduction of fracture of metacarpus
67742	SB23400	Cystic vein injury
2328	S10B500	Fracture of pubis
11342	7J12200	Closed reduction of fracture of mandible NEC
55591	SH33500	Full thickness burn of the shoulder
52699	S100311	C3 vertebra closed fracture without spinal cord lesion
308	SK17200	Other ankle injury
24583	SD000	Superficial injury to head, excluding eye
62287	SB01.00	Internal jugular vein injury
403	S6413	Head injury
272	S4000	Dislocation or subluxation of jaw
62164	SB02.00	Injury of vertebral artery
61487	S900x00	Multiple open wounds of upper arm
97386	S353A00	Open fracture talus, body
40003	SB36.00	Injury of blood vessels at forearm level
8207	SF22000	Crush injury, hand, excluding fingers
40321	7K1G300	Primary open reduction of fracture alone
65715	S261A00	Open fracture thumb distal phalanx, shaft
54978	SJ31100	Thoracic nerve root injury - T2

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43195 S934.00	Degloving injury, thumb
36437 S430011	Carpal dislocation NOS
59233 S02y.00	Open fracture other facial bone
93601 SH54600	Deep full thickness burn of thigh without loss of body part
53700 SH31200	Superficial burn of the elbow
38373 PE30100	Bilateral congenital dislocation of hip
53337 S100H00	Closed fracture cervical vertebra, wedge
24809 7K1La00	Revision to skin traction of fracture
67881 SF32300	Closed crush injury, ankle
25073 S360000	Closed fracture proximal phalanx, toe
20071 S7800	Other intra-abdominal organ injury
71132 S4H0100	Closed fracture-dislocation, midtarsal joint
71116 SH83.00	Burn involving 30-39% of body surface (BS)
59157 S894111	Open wound of flank without complication
4389 SJ14.00	Facial (7th) nerve injury
20515 S028100	Fracture of orbital floor
40652 SF21200	Closed crush injury, forearm
59006 S022800	Closed fracture of mandible, body, other and unspecified
92972 SB22200	Hepatic artery injury
10618 SH40.12	Unspecified degree burn of hand
10736 7206100	Open reduction of fracture of orbit
38408 S4C0100	Closed fracture-dislocation radiocarpal joint
41933 SJ32300	Lumbar nerve root injury - L4
59843 SH63.00	Full thickness burn of multiple specified sites
57377 N338400	Angular mal-union of fracture
51447 S420400	Closed traumatic dislocation elbow joint, lateral
94756 SJ64300	Open injury lateral cutaneous nerve thigh
71888 SB43100	Lesser saphenous vein injury
51038 S133100	Open fracture pelvis, multiple pubic rami - stable
28155 SC01200	Late effect of fracture of lumbar vertebra
10462 S4D0500	Closed fracture-dislocation, interphalangeal joint thumb
70865 S441500	Open traumatic dislocation, interphalangeal joint, thumb
33662 SJ52800	Injury of ulnar nerve at wrist and hand level
28371 S352F00	Closed fracture metatarsal, multiple
69499 TN7z.00	Injury ?accidental, fall from high place NOS
70814 SJ31600	Thoracic nerve root injury - T7
41972 S834x00	Multiple open wounds of face
94108 S126300	Open fracture of trachea
42844 S4C1.00	Open fracture dislocation wrist
29090 SE42z00	Contusion, ankle and foot NOS
36034 SB00	Injury to blood vessels
36267 TG80B00	Accidental burning or scalding caused by fat
8434 SE03.00	Contusion, lip
50254 S321400	Open fracture patella, comminuted (stellate)
70623 SD01z00	Abrasion or friction burn of head, infected, NOS
69312 S225300	Open fracture distal humerus, medial condyle
94409 S610z00	Cortex cont no open intracranial wnd + concussion unspec
40659 SF011	Crush injury of head
36594 SE40z00	Contusion, hip and thigh NOS
70500 S722000	Closed injury of bronchus

88737	S313z00	Open fracture of distal femur not otherwise specified
38857	SH40.14	Unspecified degree burn of wrist
57192	SH30z00	Unspecified thickness burn of the arm NOS
17087	SE23300	Contusion of coccyx
7004	S132000	Closed fracture pelvis, single pubic ramus
71623	P334z00	Total or subtotal congenital cataract NOS
20848	SH31100	Superficial burn of the forearm
12462	S025100	Open fracture zygoma
68815	SH44.00	Deep full thickness burn of wrist/hand, no loss of body part
31594	S820w00	Other open wound of external ear
49595	S313100	Open fracture of femoral condyle, unspecified
65736	S496.00	Other closed traumatic dislocation
42464	TKy00	Late effects of selfinflicted injury
3676	S410411	Closed dislocation of acromioclavicular joint
69643	SD3z000	Superficial injury of elbow NOS, infected
8040	S3100	Other fracture of femur
27782	S836700	Dislocation of tooth
47501	TKx00	Suicide and selfinflicted injury by other means
35240	SH13600	Full thickness burn of the scalp
40587	S134500	Closed fracture pelvis, anterior inferior iliac spine
52861	SD1z800	Superficial injury of groin NOS, infected
27661	S6211	Extradural haemorrhage following injury
64862	7K1K000	Closed reduction fracture bone and fixation to skeleton HFQ
64413	S450z00	Closed traumatic dislocation of hip not otherwise specified
18589	SE40000	Contusion, hip
16866	S225700	Open fracture distal humerus, medial epicondyle
10417	\$890.00	Open wound of breast
15666	S240.00	Closed fracture of carpal bone
94844	S101A00	Open fracture axis, odontoid process
69917	S3x1.00	Other, multiple and ill-defined open fractures of lower limb
67294	S313400	Open fracture distal femur, medial condyle
10239	E2A2.00	Post-concussion syndrome
8276	\$350.00	Closed fracture of calcaneus
8885	7K1LJ00	Closed reduction of fracture of thumb
100196	S353000	Open fracture of tarsal bone, unspecified
43701	N082Q00	Closed reduction of fracture of thumb Open fracture of tarsal bone, unspecified Pathological dislocation of knee joint
15280	S7500	Injury to spleen
9209	SE33000	Contusion, finger, unspecified
27582	S91z.00	Open wound of elbow, forearm and wrist NOS
12327	SR20.00	Dislocations, sprains and strains involving head with neck
66924	S481.00	Open traumatic dislocation of foot
69647	SD1zA00	Superficial injury of penis NOS, infected
59416	S83y.00	Other open wound of head with complication
	S100711	C7 vertebra closed fracture without spinal cord lesion
64288	SH53z00	Full thickness burn of the leg NOS
	SD2z000	Superficial injury of shoulder NOS, infected
	S2611	Finger fracture
	N083100	Recurrent joint dislocation, of the shoulder region
	S310100	Closed fracture shaft of femur
	SB23200	Portal vein injury

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88761	7K6FP00	Primary open reduction # dislocation+other jnt stabilisation
68078	SK10700	Closed injury of trachea
	SB47100	Injury of greater saphenous vein at lower leg level
	TKx4.00	Suicide and selfinflicted injury by electrocution
	SH12300	Superficial partial thickness burn of the lip(s)
	S135300	Open fracture pelvis, ischial tuberosity
56665	SH42800	Deep partial thickness burn of the hand, unspecified
6379	7K1LF00	Closed reduction of fracture of humerus
	7J41100	Anterior decompression of fracture of spine
	S33xz00	Closed fracture of tibia and fibula, unspecified part, NOS
29664	S441300	Open traumatic dislocation, distal interphalangeal joint
	S231A00	Open fracture radius and ulna, proximal
16985	S240A00	Closed fracture scaphoid, proximal pole
	SH32700	Deep partial thickness burn of the arm, unspecified
	S133200	Open fracture pelvis, multiple pubic rami - unstable
	S35z.00	Fracture of tarsal and metatarsal bones NOS
49295	SD1y500	Superficial injury of buttock NOS, without major open wound
93798	SH12C00	Deep partial thickness burn of the eye
	SB300	Injury to blood vessels of arm
	SK1EX00	Injury of unspecified muscle and tendon at lower leg levl
	N331700	Fracture of bone in neoplastic disease
34359	SJ31B00	Thoracic nerve root injury - T12
	S20z.00	Fracture of clavicle NOS
	SH13800	Full thickness burn of the cheek
97729	SJ18.00	Contusion of infraorbital nerve
33616	S260K00	Closed fracture finger middle phalanx
56582	SJ30700	Cervical nerve root injury - C8
	S523C00	Volar plate injury, finger, distal interphalangeal joint
	SA10.00	Open wound of knee, leg and ankle without complication
	TN8y.00	Injury ?accidental, by other specified means
	SC2z.00	Late effect of nervous system injury NOS
	S735000	Colon injury with open wound into cavity, unspecified
	7K6H000	Revision to open reduction # dislocation+skeletal traction
66312	S002100	Open #skull vlt no intracranial injury, no loss of consc
95529	S114100	Closed spinal fracture with complete lumbar cord lesion
	S100100	Closed fracture atlas
68668	S301y00	Open fracture proximal femur, other transcervical
	S235600	Open fracture radius and ulna, distal
6380	S235B00	Open fracture radial styloid
68655	SB30200	Closed injury, axillary vein
	SH32900	Deep partial thickness burn of the elbow
	S2911	Multiple fractures of arm
	S352800	Closed fracture talus, head
68532	SJ1y200	Vagus (10th) nerve injury
	S23x.00	Closed fracture of radius and ulna, unspecified part
	SH52100	Superficial partial thickness burn of the toe(s)
	\$8012	Periocular open wound
	S223.00	Open fracture of humerus, shaft or unspecified part
	SE2y.00	Contusion, multiple sites of trunk
33687	S4B0.00	Closed fracture-dislocation elbow

9072	S10B400	Fracture of acetabulum
	S73x011	Injury to pancreas - closed
	SE11.00	Contusion, eyelids and periocular tissues
	S911	Laceration of arm
	SE43.11	Toenail bruise
	SE30000	Contusion, shoulder area
	SE4y.00	Contusion, multiple sites NEC
	SJ63400	Open injury superficial peroneal nerve
	S310.00	Closed fracture of femur, shaft or unspecified part
	S770.00	Bladder and urethra injury without open wound into cavity
	\$10y.00	Open fracture of spine, unspecified,
	S012.00	Open fracture base skull without mention intracranial injury
	S911100	Open wound of elbow with complication
	SJX00	Injury of unspecified nerve of thorax
	S9z00	Open wound of upper limb NOS
	SD61100	Abrasion of thigh, infected
	S330900	Closed fracture fibula, neck
	S342.00	Closed fracture india, fleck Closed fracture ankle, lateral malleolus
	TKxy.00	Suicide and selfinflicted injury by other specified means
	S233.00	Open fracture of radius and ulna, shaft
	S740200	Liver minor laceration without open wound into cavity
	SB21000	Inferior vena cava injury, unspecified
	TN11.00	Injury ?accidental, poisoning by liquid petrol gas
	S022600	
		Closed fracture of mandible, symphysis of body
	SD1y000 S044.00	Superficial injury interscapular rgn NOS, without mj opn wnd
		Multiple fractures involving skull and facial bones
	PA16.00	Dislocation of tongue
	SH23z00	Full thickness burn of the trunk NOS
	SD30000	Abrasion, elbow area
	SA12000	Open wound of knee with tendon involvement
	S494211	Closed dislocation of sacroiliac joint
	S100E00	Closed fracture axis, posterior arch
	S220z00	Closed fracture of proximal humerus not otherwise specified
	SC44.00	Sequelae of burns, corrosions and frostbite
	SH32100	Superficial partial thickness burn of the forearm
	SH10.00	Unspecified thickness burn of the face, head or neck
	S645100	Intracranial injury with prolonged coma with open wound
	SR100	Fractures involving multiple body regions
	SJ03.00	Visual cortex injury
	S320200	Closed fracture patella, distal pole
	SD10B12	Abrasion or friction burn of scrotum without infection
	S760200	Kidney laceration without mention of open wound into cavity
	S903100	Degloving injury, scapular area
	SB23000	Superior mesenteric vein injury
	SH2z.00	Burn of the trunk NOS
	S4J2.00	Other closed fracture-subluxation
	ZLEO111	Discharge from head injury rehabilitation
	SH86.00	Burn involving 60-69% of body surface (BS)
	SF20300	Crush injury, upper arm
50951	SH13100	Full thickness burn of the ear

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27886 S222100	Closed fracture of humerus, shaft
38426 7K6FK00	Primary open reduction of # dislocation+external fixation
6103 SD6y200	Superficial injury of knee NOS
47886 SH31300	Superficial burn of the upper arm
65532 S032z00	Open #skull NOS no intracranial inj + concussion unspec
43091 S112600	Cls spinal fracture with unspec thoracic cord lesion, T7-12
67003 7K6H300	Secondary open reduction traumatic dislocation of joint NEC
29137 S220700	Closed fracture proximal humerus, four part
66957 SJ45.00	Iliohypogastric nerve injury
48861 S7z00	Internal injury of chest, abdomen or pelvis NOS
21029 TK00	Suicide and selfinflicted injury
97331 N083511	Hip - recurrent dislocation
71814 SD1z200	Superficial injury of breast NOS, infected
67036 S4B2000	Closed fracture-subluxation elbow joint
105701 S6112	Cortex laceration and contusion
34078 S300900	Closed fracture proximal femur, subcapital, Garden grade IV
17823 SF23000	Closed crush injury, finger
48916 SH11300	Superficial burn of the lip(s)
99081 \$733.00	Small intestine injury with open wound into cavity
21773 S3x2.00	Multiple fractures of femur
11570 Z6G1800	Dislocation - traction
22574 SH70000	Burn of the mouth, unspecified

medcode	readcode	readterm
102371	8Hu00	Admission to accident and emergency department
18512	8H21.00	Admit medical emergency unsp.
29836	8H2E.00	Admit neurology emergency
8082	9N04.00	Seen in emergency clinic
60440	9N19.11	Seen in accident and emergency department
9331	ZL91.00	Seen by accident and emergency doctor
314	8H200	Emergency hospital admission
105952	8H2X.00	Emergency hospital admission from walk-in centre
16588	9N1y300	Seen in emergency clinic

medcode readcode readterm

4093 F253.11 Status epilepticus

medcode readcode readterm

11015 667F.00 Seizure free >12 months

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2		readcode		smoking
3	33	1371	Never smoked tobacco	0
4 5	60	137L.00	Current non-smoker	0
6	90	137S.00	Ex smoker	0
7	776	137K.00	Stopped smoking	0
8	11788	1371.11	Non-smoker	0
9	12946	137F.00	Ex-smoker - amount unknown	0
10 11	12961	1377	Ex-trivial smoker (<1/day)	0
12	26470	137N.00	Ex pipe smoker	0
13	97210	137j.00	Ex-cigarette smoker	0
14	54	13700	Tobacco consumption	1
15	93	137P.00	Cigarette smoker	1
16 17	1822	1376	Very heavy smoker - 40+cigs/d	1
18	1823	137P.11	Smoker	1
19	1878	1374	Moderate smoker - 10-19 cigs/d	1
20	2111	6791	Health ed smoking	1
21	3568	1375	Heavy smoker - 20-39 cigs/day	1
22	7622	8CAL.00	Smoking cessation advice	1
23 24	10211	13p00	Smoking cessation milestones	1
25	10558	137R.00	Current smoker	1
26	10742	8HTK.00	Referral to stop-smoking clinic	1
27	12240	137G.00	Trying to give up smoking	1
28	12941	1372.11	Occasional smoker	1
29 30	12942	13711	Smoker - amount smoked	1
31	12943	137J.00	Cigar smoker	1
32	12944	1373	Light smoker - 1-9 cigs/day	1
33	12945	137M.00	Rolls own cigarettes	1
34	12947	137H.00	Pipe smoker	1
35 36	12951	137Q.11	Smoking restarted	1
37	12952	137Q.00	Smoking started	1
38	12953	9001.00	Attends stop smoking monitor.	1
39	12954	ZV4K000	[V]Tobacco use	1
40	12955	1379	Ex-moderate smoker (10-19/day)	1
41 42	12956	137A.00	Ex-heavy smoker (20-39/day)	1
43	12957	1378	Ex-heavy smoker (20-39/day) Ex-light smoker (1-9/day) Trivial smoker - < 1 cig/day	1
44	12958	1372	Trivial smoker - < 1 cig/day	1
45	12959	137B.00	Ex-very heavy smoker (40+/day)	1
46	12960	137Z.00	Tobacco consumption NOS	1
47 48	12963	137Y.00	Cigar consumption	1
49	12964	137C.00	Keeps trying to stop smoking	1
50	12965	137X.00	Cigarette consumption	1
51	12966	137V.00	Smoking reduced	1
52	12967	137a.00	Pipe tobacco consumption	1
53 54	30423	137c.00	Thinking about stopping smoking	1
55	30762	137d.00	Not interested in stopping smoking	1
56	31114	137b.00	Ready to stop smoking	1
57	32083	90011	Stop smoking clinic admin.	1
58	38112	13p5.00	Smoking cessation programme start date	1
59 60	40417	9003.00	Stop smoking monitor default	1
00	41042	8CAg.00	Smoking cessation advice provided by community pharmacis	
		5	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

41979 42722 53101 58597 60720 62686 66387 74907 90522 91708 94958 96992	137e.00 9004.00 9007.00 9008.00 9005.00 137h.00 9006.00 745H.00 745Hy00 745Hy00 745H400 9kc00	Smoking restarted Stop smoking monitor 1st lettr Stop smoking monitor verb.inv. Stop smoking monitor phone inv Stop smoking monitor 2nd lettr Minutes from waking to first tobacco consumption Stop smoking monitor 3rd lettr Smoking cessation therapy Smoking cessation therapy NOS Other specified smoking cessation therapy Smoking cessation drug therapy Smoking cessation - enhanced services administration	1 1 1 1 1 1 1 1 1 1
98154 98245	8HkQ.00 8HBM.00	Referral to NHS stop smoking service Stop smoking face to face follow-up	1

prodcode productname 63069 Rewisca 75mg capsules (Consilient Health Ltd) 63088 Rewisca 50mg capsules (Consilient Health Ltd) 63089 Rewisca 300mg capsules (Consilient Health Ltd) 63090 Rewisca 150mg capsules (Consilient Health Ltd) 63091 Rewisca 100mg capsules (Consilient Health Ltd) 63174 Rewisca 200mg capsules (Consilient Health Ltd) 63300 Rewisca 25mg capsules (Consilient Health Ltd) 63317 Rewisca 225mg capsules (Consilient Health Ltd) 63877 Pregabalin 50mg capsules (A A H Pharmaceuticals Ltd) 63964 Alzain 25mg capsules (Dr Reddy's Laboratories (UK) Ltd) 63965 Alzain 100mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64005 Pregabalin 100mg capsules (A A H Pharmaceuticals Ltd) 64037 Alzain 300mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64038 Alzain 225mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64039 Alzain 150mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64040 Alzain 75mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64041 Alzain 50mg capsules (Dr Reddy's Laboratories (UK) Ltd) 64042 Alzain 200mg capsules (Dr Reddy's Laboratories (UK) Ltd) 65069 Pregabalin 75mg capsules (Teva UK Ltd) 65073 Pregabalin 25mg capsules (Teva UK Ltd) 65218 Lecaent 50mg capsules (Actavis UK Ltd) 790 Pregabalin 25mg capsules 819 Pregabalin 75mg capsules 6631 Pregabalin 150mg capsules 6936 Pregabalin 50mg capsules 6949 Pregabalin 200mg capsules 6999 Pregabalin 100mg capsules 7005 Pregabalin 300mg capsules 37801 Pregabalin 225mg capsules 55972 Pregabalin 150mg/5ml oral solution 60543 Pregabalin 75mg/5ml oral solution 64285 Pregabalin 150mg/5ml oral suspension 65606 Pregabalin 50mg capsules (Accord Healthcare Ltd) 65787 Pregabalin 50mg capsules (Sandoz Ltd) 66509 Pregabalin 75mg capsules (Zentiva) 6584 Lyrica 75mg capsules (Pfizer Ltd) 7208 Lyrica 100mg capsules (Pfizer Ltd) 7209 Lyrica 50mg capsules (Pfizer Ltd) 7394 Lyrica 200mg capsules (Pfizer Ltd) 10189 Lyrica 300mg capsules (Pfizer Ltd) 16509 Lyrica 150mg capsules (Pfizer Ltd) 16542 Lyrica 25mg capsules (Pfizer Ltd) 38293 Lyrica 225mg capsules (Pfizer Ltd) 48253 Lyrica 150mg capsules (Lexon (UK) Ltd) 52547 Lyrica 50mg capsules (Waymade Healthcare Plc) 64497 Lyrica 75mg capsules (Waymade Healthcare Plc) 64568 Lyrica 150mg capsules (Sigma Pharmaceuticals Plc) 65863 Lyrica 75mg capsules (Stephar (U.K.) Ltd) 51227 Pregabalin 20mg/ml oral solution sugar free

- 51924 Lyrica 20mg/ml oral solution (Pfizer Ltd) 9110 Nydrane 500mg Tablet (Lipha Pharmaceuticals Ltd) 9212 Beclamide 500mg tablets 12931 Epimaz Retard 200mg tablets (IVAX Pharmaceuticals UK Ltd) 12932 Epimaz 100mg tablets (IVAX Pharmaceuticals UK Ltd) 15082 Tegretol 250mg suppositories (Novartis Pharmaceuticals UK Ltd) 17428 Carbamazepine 250mg suppositories 17429 Carbamazepine 125mg suppositories 17978 Teril Retard 200mg tablets (Taro Pharmaceuticals (UK) Ltd) 18011 Teril Retard 400mg tablets (Taro Pharmaceuticals (UK) Ltd) 18762 Epimaz 200mg tablets (Teva UK Ltd) 18763 Epimaz 400mg tablets (Teva UK Ltd) 21441 Tegretol 125mg suppositories (Novartis Pharmaceuticals UK Ltd) 28345 Carbamazepine 100mg tablets (Teva UK Ltd) 32931 Carbamazepine 400mg tablets (Teva UK Ltd) 432 Carbamazepine 100mg tablets 596 Carbamazepine 100mg/5ml oral suspension sugar free 652 Carbamazepine 400mg tablets 1158 Carbamazepine 200mg tablets 2085 Tegretol 200mg tablets (Novartis Pharmaceuticals UK Ltd) 2388 Carbamazepine 200mg modified-release tablets 3569 Carbamazepine 400mg modified-release tablets 4066 Tegretol 400mg tablets (Novartis Pharmaceuticals UK Ltd) 4913 Tegretol 100mg/5ml liquid (Novartis Pharmaceuticals UK Ltd) 4982 Carbamazepine 100mg chewable tablets sugar free 5977 Tegretol 100mg tablets (Novartis Pharmaceuticals UK Ltd) 11696 Carbamazepine 200mg chewable tablets sugar free 12880 Tegretol 200mg Chewtabs (Novartis Pharmaceuticals UK Ltd) 13112 Carbagen SR 200mg tablets (Mylan Ltd) 13524 Tegretol 100mg Chewtabs (Novartis Pharmaceuticals UK Ltd) 26012 Carbagen SR 400mg tablets (Mylan Ltd) 30763 Carbamazepine 100mg tablets (A A H Pharmaceuticals Ltd) 34370 Carbamazepine 200mg modified-release tablets (A A H Pharmaceuticals Ltd) 34904 Carbamazepine 200mg tablets (A A H Pharmaceuticals Ltd) 37058 Carbamazepine 500mg/5ml oral suspension 40404 Carbamazepine 400mg modified-release tablets (A A H Pharmaceuticals Ltd) 43417 Carbamazepine 400mg tablets (A A H Pharmaceuticals Ltd) 45903 Tegretol Prolonged Release 400mg tablets (Novartis Pharmaceuticals UK Ltd) 45941 Tegretol Prolonged Release 200mg tablets (Novartis Pharmaceuticals UK Ltd) 48397 Tegretol Prolonged Release 200mg tablets (DE Pharmaceuticals) 49833 Tegretol 200mg tablets (Lexon (UK) Ltd) 51760 Tegretol 400mg tablets (Lexon (UK) Ltd) 52840 Tegretol Prolonged Release 400mg tablets (Necessity Supplies Ltd) 53492 Tegretol Prolonged Release 200mg tablets (Sigma Pharmaceuticals Plc)
- 53893 Tegretol Prolonged Release 400mg tablets (Stephar (U.K.) Ltd)
- 54445 Carbamazepine 400mg tablets (Sigma Pharmaceuticals Plc)
- 55904 Carbamazepine 100mg tablets (Mylan Ltd)
- 56734 Carbamazepine 100mg tablets (Phoenix Healthcare Distribution Ltd)
- 57726 Tegretol Prolonged Release 200mg tablets (Mawdsley-Brooks & Company Ltd)
- 58515 Tegretol 100mg/5ml liquid (Lexon (UK) Ltd)

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59038 Carbamazepine 100mg/5ml oral suspension sugar free (A A H Pharmaceuticals L
59211 Carbamazepine 200mg tablets (Alliance Healthcare (Distribution) Ltd)
59428 Carbamazepine 100mg tablets (Almus Pharmaceuticals Ltd)
59429 Carbamazepine 200mg tablets (Almus Pharmaceuticals Ltd)
59430 Carbamazepine 400mg tablets (Almus Pharmaceuticals Ltd)
59696 Carbamazepine 400mg tablets (Kent Pharmaceuticals Ltd)
59697 Carbamazepine 10mg/5ml oral suspension
59745 Carbamazepine 100mg/5ml oral suspension sugar free (DE Pharmaceuticals)
59746 Carbamazepine 100mg tablets (DE Pharmaceuticals)
59887 Carbamazepine 200mg tablets (Mylan Ltd)
60133 Tegretol Prolonged Release 400mg tablets (Sigma Pharmaceuticals Plc)
60181 Carbagen 100mg tablets (Mylan Ltd)
60187 Carbagen 200mg tablets (Mylan Ltd)
60405 Carbagen 400mg tablets (Mylan Ltd)
61143 Carbamazepine 100mg tablets (Actavis UK Ltd)
61377 Carbamazepine 100mg tablets (Kent Pharmaceuticals Ltd)
62457 Carbamazepine 100mg tablets (Alliance Healthcare (Distribution) Ltd)
62538 Carbamazepine 200mg tablets (Actavis UK Ltd)
63213 Tegretol 200mg tablets (Necessity Supplies Ltd)
63341 Tegretol Prolonged Release 200mg tablets (Lexon (UK) Ltd)
63735 Carbamazepine 400mg tablets (Alliance Healthcare (Distribution) Ltd)
63930 Tegretol 100mg/5ml liquid (DE Pharmaceuticals)
66058 Carbamazepine 200mg tablets (DE Pharmaceuticals)
66073 Carbamazepine 400mg tablets (DE Pharmaceuticals)
66375 Carbamazepine 400mg modified-release tablets (Phoenix Healthcare Distributic
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30509 Timonil retard 400mg Modified-release tablet (C P Pharmaceuticals Ltd)
32900 Carbamazepine sr 200mg Tablet (IVAX Pharmaceuticals UK Ltd)
34958 Carbamazepine 100mg Tablet (Berk Pharmaceuticals Ltd)
37800 Carbamazepine 200mg Modified-release tablet (Lagap)
40403 Carbamazepine 400mg Modified-release tablet (Lagap)
41726 Carbamazepine 100mg Tablet (IVAX Pharmaceuticals UK Ltd)
43451 Carbamazepine 400mg Modified-release tablet (Generics (UK) Ltd)
46888 Carbamazepine 200mg Modified-release tablet (Generics (UK) Ltd)
46972 Carbamazepine 200mg Tablet (IVAX Pharmaceuticals UK Ltd)
47294 Carbamazepine sr 400mg Tablet (IVAX Pharmaceuticals UK Ltd)
53188 Carbamazepine 500mg/5ml Oral suspension (Martindale Pharmaceuticals Ltd)
 3110 Clobazam 10mg capsules
 8487 Frisium 10mg Capsule (Aventis Pharma)
54934 Tapclob 5mg/5ml oral suspension (Martindale Pharmaceuticals Ltd)
55481 Clobazam 10mg/5ml oral suspension sugar free
56781 Tapclob 10mg/5ml oral suspension (Martindale Pharmaceuticals Ltd)
64879 Clobazam 5mg/5ml oral suspension sugar free (A A H Pharmaceuticals Ltd)
 3111 Clobazam 10mg tablets
14388 Frisium 10mg tablets (Sanofi)
17054 Clobazam 5mg/5ml oral suspension
20966 Clobazam 10mg/5ml oral suspension
37696 Clobazam 2.5mg capsules
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41303 Clobazam 25mg/5ml oral solution

46796 Clobazam 10mg/5ml oral solution 46850 Clobazam 5mg/5ml oral solution 48010 Clobazam 25mg/5ml oral suspension 50389 Clobazam 4mg/5ml oral solution 51425 Clobazam 2.5mg/5ml oral solution 52052 Clobazam 4mg/5ml oral suspension 52056 Clobazam 2.5mg/5ml oral suspension 52093 Clobazam 100mg/5ml oral suspension 57510 Frisium 10mg tablets (Waymade Healthcare Plc) 60320 Clobazam 5mg/5ml oral suspension (Special Order) 62926 Clobazam 7.5mg/5ml oral suspension 19324 Clomethiazole 8mg/ml IV infusion 26399 Heminevrin 8mg/ml Intravenous infusion (AstraZeneca UK Ltd) 1559 Clonazepam 500microgram tablets 2073 Clonazepam 2mg tablets 4483 Clonazepam 2.5mg/ml drops sugar free 8029 Rivotril 2mg tablets (Roche Products Ltd) 10650 Rivotril 500microgram tablets (Roche Products Ltd) 13200 Clonazepam 2mg/5ml oral solution sugar free 14743 Clonazepam 500micrograms/5ml oral suspension 17038 Rivotril 2.5mg/1ml drops (Imported (Switzerland)) 17637 Clonazepam 500micrograms/5ml solution sugar free 32500 Clonazepam 250micrograms/5ml oral solution 34491 Clonazepam 2mg/5ml oral solution sugar free (Rosemont Pharmaceuticals Ltd) 45077 Clonazepam 500microgram/5ml Oral solution (Rosemont Pharmaceuticals Ltd) 47066 Clonazepam 500micrograms/5ml oral solution 48544 Clonazepam 500micrograms/5ml oral solution sugar free 50108 Clonazepam 2mg/5ml oral solution sugar free 53311 Clonazepam 500microgram tablets (Phoenix Healthcare Distribution Ltd) 53739 Clonazepam 2mg tablets (Sigma Pharmaceuticals Plc) 57664 Clonazepam 250micrograms/5ml oral suspension 58460 Clonazepam 312.5micrograms/5ml oral suspension 58482 Clonazepam 500microgram tablets (A A H Pharmaceuticals Ltd) 59396 Clonazepam 500microgram tablets (Almus Pharmaceuticals Ltd) 61626 Clonazepam 500microgram tablets (Actavis UK Ltd) 64505 Clonazepam 5mg/5ml oral suspension 65238 Clonazepam 10mg/5ml oral solution 816 Clonazepam 1mg/1ml solution for injection ampoules and diluent 26496 Rivotril 1mg/1ml concentrate for solution for injection ampoules (Roche Produc 2630 Dixarit 25microgram tablets (Boehringer Ingelheim Ltd) 5793 Stesolid 10mg Rectal tubes (Dumex Ltd) 8344 Diazepam 5mg suppository 16610 Valium 5mg/ml Injection (Roche Products Ltd) 16734 Diazepam rectubes 20mg Rectal tubes (C P Pharmaceuticals Ltd) 20514 Valium 10mg Suppository (Roche Products Ltd) 23820 Diazepam 20mg rectal tubes 28698 Valium 5mg Suppository (Roche Products Ltd) 38410 Diazepam 5mg Rectal tubes (Hillcross Pharmaceuticals Ltd)

41689 Diazepam 10mg Suppository (Sinclair IS Pharma Plc)

46 Diazepam 2mg tablets

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12237 Diazepam 10mg/2ml emulsion for injection ampoules

12849 Diazepam 10mg/5ml oral suspension 13756 Diazemuls 10mg/2ml emulsion for injection ampoules (Actavis UK Ltd) 18488 Diazepam 2.5mg RecTubes (Wockhardt UK Ltd) 32853 Diazepam 2mg/5ml oral solution (Sandoz Ltd) 33776 Diazepam 10mg/2ml solution for injection ampoules (Hameln Pharmaceuticals | 34033 Diazepam 5mg/2.5ml rectal solution tube (Sandoz Ltd) 34045 Diazepam 5mg/5ml oral solution (Sandoz Ltd) 34614 Diazepam 10mg/2.5ml rectal solution tube (Sandoz Ltd) 51335 Diazepam 10mg/5ml oral solution 53566 Diazepam 2.5mg/5ml oral solution 58959 Diazepam 10mg/5ml oral solution (AM Distributions (Yorkshire) Ltd) 41758 Eslicarbazepine 800mg tablets 42145 Zebinix 800mg tablets (Eisai Ltd) 3108 Ethosuximide 250mg capsules 3446 Zarontin 250mg capsules (Pfizer Ltd) 5791 Ethosuximide 250mg/5ml oral solution 5956 Zarontin 250mg/5ml syrup (Pfizer Ltd) 18729 Emeside 250mg/5ml Oral solution (Laboratories For Applied Biology Ltd) 18911 Emeside 250mg capsules (Chemidex Pharma Ltd) 26302 Emeside 250mg Capsule (Laboratories For Applied Biology Ltd) 33828 Emeside 250mg/5ml syrup (Essential Pharma Ltd) 53066 Felbamate 600mg tablets 25903 Fosphenytoin 750mg/10ml solution for injection vials 27967 Pro-Epanutin 750mg/10ml concentrate for solution for injection vials (Pfizer Ltd 660 Gabapentin 100mg capsules 1584 Gabapentin 300mg capsules 4781 Gabapentin 400mg capsules 5221 Gabapentin 600mg tablets 6304 Neurontin 300mg capsules (Pfizer Ltd) 7538 Gabapentin 800mg tablets 10007 Neurontin 100mg capsules (Pfizer Ltd) 16215 Neurontin 400mg capsules (Pfizer Ltd) 17564 Neurontin 600mg tablets (Pfizer Ltd) 18211 Gabapentin 250mg/5ml oral solution 25815 Gabapentin 400mg/5ml oral suspension 27454 Gabapentin 300mg capsules (Teva UK Ltd) 28713 Neurontin 800mg tablets (Pfizer Ltd) 34506 Gabapentin 100mg capsules (Teva UK Ltd) 34606 Gabapentin 100mg capsules (A A H Pharmaceuticals Ltd) 34716 Gabapentin 300mg capsules (A A H Pharmaceuticals Ltd) 34946 Gabapentin 600mg tablets (Teva UK Ltd) 44022 Gabapentin 250mg/5ml oral suspension 44187 Gabapentin 600mg tablets (A A H Pharmaceuticals Ltd) 44261 Gabapentin 250mg/5ml Oral solution (Boots Pharmaceuticals Ltd) 47579 Gabapentin 100mg capsules (Sandoz Ltd) 48035 Gabapentin 300mg capsules (Mylan Ltd) 48060 Gabapentin 300mg capsules (Sandoz Ltd) 51118 Gabapentin 300mg capsules (Ranbaxy (UK) Ltd) 53296 Gabapentin 300mg capsules (Actavis UK Ltd)

53784 Gabapentin 300mg/5ml oral solution

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55624 Gabapentin 300mg capsules (Bristol Laboratories Ltd) 57120 Gabapentin 100mg capsules (Mylan Ltd) 57527 Neurontin 300mg capsules (Dowelhurst Ltd) 57649 Gabapentin 300mg capsules (Arrow Generics Ltd) 58382 Gabapentin 100mg capsules (Actavis UK Ltd) 58383 Gabapentin 400mg capsules (Almus Pharmaceuticals Ltd) 58472 Gabapentin 300mg/5ml oral suspension 58960 Gabapentin 100mg capsules (Zentiva) 59147 Gabapentin 600mg tablets (Zentiva) 60389 Gabapentin 300mg capsules (Creo Pharma Ltd) 61266 Gabapentin 300mg capsules (Waymade Healthcare Plc) 63432 Gabapentin 300mg capsules (Zentiva) 64213 Gabapentin 600mg tablets (DE Pharmaceuticals) 64302 Gabapentin 300mg capsules (Alliance Healthcare (Distribution) Ltd) 64306 Gabapentin 50mg/ml oral solution sugar free (Alliance Healthcare (Distribution) 64981 Gabapentin 100mg/5ml oral solution 38789 Lacosamide 50mg tablets 39126 Lacosamide 100mg tablets 39259 Lacosamide 150mg tablets 39356 Vimpat 100mg tablets (UCB Pharma Ltd) 39385 Lacosamide 200mg tablets 39615 Vimpat 50mg tablets (UCB Pharma Ltd) 39952 Vimpat 15mg/ml syrup (UCB Pharma Ltd) 40291 Lacosamide 200mg/20ml solution for infusion vials 40372 Lacosamide 15mg/ml oral solution sugar free 40658 Vimpat 200mg tablets (UCB Pharma Ltd) 41162 Vimpat 150mg tablets (UCB Pharma Ltd) 49084 Lacosamide 10mg/ml oral solution sugar free 52473 Vimpat 10mg/ml syrup (UCB Pharma Ltd) 2079 Lamotrigine 25mg tablets 2080 Lamotrigine 50mg tablets 2081 Lamotrigine 5mg dispersible tablets sugar free 3886 Lamotrigine 200mg tablets 4586 Lamictal 25mg tablets (GlaxoSmithKline UK Ltd) 5076 Lamotrigine 100mg tablets 5658 Lamotrigine 25mg dispersible tablets sugar free 5722 Lamictal 100mg dispersible tablets (GlaxoSmithKline UK Ltd) 5907 Lamotrigine 100mg dispersible tablets sugar free 6409 Lamotrigine 2mg dispersible tablets sugar free 7022 Lamictal 50mg tablets (GlaxoSmithKline UK Ltd) 7023 Lamictal 100mg tablets (GlaxoSmithKline UK Ltd) 10111 Lamictal 200mg tablets (GlaxoSmithKline UK Ltd) 11445 Lamictal 25mg dispersible tablets (GlaxoSmithKline UK Ltd) 15126 Lamictal 5mg dispersible tablets (GlaxoSmithKline UK Ltd) 16149 Lamotrigine 50mg dispersible tablets sugar free 19296 Lamictal 2mg dispersible tablets (GlaxoSmithKline UK Ltd) 29619 Lamotrigine 25mg tablets (Actavis UK Ltd) 29620 Lamotrigine 100mg tablets (Actavis UK Ltd) 32920 Lamotrigine 25mg tablets (Mylan Ltd) 35732 Lamotrigine 25mg dispersible tablets sugar free (Arrow Generics Ltd)

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50110 Keppra 250mg tablets (Mawdsley-Brooks & Company Ltd)

51108 Levetiracetam 500mg tablets (Accord Healthcare Ltd) 51756 Keppra 100mg/ml oral solution (Lexon (UK) Ltd) 52007 Keppra 500mg tablets (Sigma Pharmaceuticals Plc) 52623 Keppra 250mg tablets (Sigma Pharmaceuticals Plc) 53016 Keppra 100mg/ml oral solution (Sigma Pharmaceuticals Plc) 53307 Levetiracetam 100mg/ml oral solution sugar free (A A H Pharmaceuticals Ltd) 53343 Keppra 1g tablets (Lexon (UK) Ltd) 53476 Keppra 250mg tablets (Waymade Healthcare Plc) 54500 Levetiracetam 250mg granules sachets sugar free 54631 Levetiracetam 500mg tablets (Teva UK Ltd) 54632 Levetiracetam 250mg tablets (Teva UK Ltd) 54739 Levetiracetam 500mg tablets (Alliance Healthcare (Distribution) Ltd) 56755 Levetiracetam 250mg/5ml oral suspension 58706 Levetiracetam 250mg tablets (Zentiva) 59128 Levetiracetam 250mg tablets (Accord Healthcare Ltd) 59964 Desitrend 250mg granules sachets (Desitin Pharma Ltd) 61166 Levetiracetam 100mg/ml oral solution sugar free (Beacon Pharmaceuticals Ltd) 61462 Levetiracetam 250mg tablets (DE Pharmaceuticals) 61468 Keppra 250mg tablets (Necessity Supplies Ltd) 61529 Desitrend 100mg/ml oral solution (Desitin Pharma Ltd) 61793 Matever 750mg tablets (Aspire Pharma Ltd) 62588 Matever 250mg tablets (Aspire Pharma Ltd) 63042 Matever 500mg tablets (Aspire Pharma Ltd) 63372 Levetiracetam 1g tablets (Zentiva) 63842 Levetiracetam 250mg tablets (Actavis UK Ltd) 64026 Levetiracetam 250mg tablets (A A H Pharmaceuticals Ltd) 64817 Levetiracetam 1g tablets (Rivopharm (UK) Ltd) 65827 Levetiracetam 100mg/ml oral solution sugar free (Actavis UK Ltd) 664 Lorazepam 4mg/1ml solution for injection ampoules 7444 Ativan 4mg/1ml solution for injection ampoules (Pfizer Ltd) 41186 Mesuximide 300mg Capsule 45615 Midazolam 5mg/1ml oromucosal solution pre-filled oral syringes 45974 Buccolam 5mg/1ml oromucosal solution pre-filled oral syringes (Shire Pharmace 46667 Midazolam 10mg/2ml oromucosal solution pre-filled oral syringes 46757 Midazolam 7.5mg/1.5ml oromucosal solution pre-filled oral syringes 46797 Buccolam 7.5mg/1.5ml oromucosal solution pre-filled oral syringes (Shire Pharn 46826 Buccolam 10mg/2ml oromucosal solution pre-filled oral syringes (Shire Pharma: 46883 Midazolam 2.5mg/0.5ml oromucosal solution pre-filled oral syringes 47045 Buccolam 2.5mg/0.5ml oromucosal solution pre-filled oral syringes (Shire Pharn 49534 Midazolam 5mg/0.5ml oromucosal solution pre-filled syringes 51550 Epistatus 10mg/1ml oromucosal solution (Special Products Ltd) 51925 Epistatus 7.5mg/0.75ml oromucosal solution pre-filled oral syringes (Special Prc 53306 Epistatus 10mg/1ml oromucosal solution pre-filled oral syringes (Special Produc 53748 Midazolam 7.5mg/0.75ml oromucosal solution pre-filled syringes 54919 Epistatus 5mg/0.5ml oromucosal solution pre-filled oral syringes (Special Produ 7301 Midazolam 10mg/ml buccal solution 10278 Epistatus 10mg/ml Oromucosal solution (Special Products Ltd) 43450 Midazolam Oral solution 44764 Midazolam maleate buccal solution 55642 Epistatus 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35164 Phenobarbital 50mg/5ml oral suspension

39618 Phenobarbital 20mg/5ml oral solution

45370 Phenobarbital 75mg/5ml oral solution 51326 Phenobarbital 50mg/5ml oral solution 55502 Phenobarbital 75mg/5ml oral suspension 57247 Phenobarbital 100mg/5ml oral suspension 57722 Phenobarbital 25mg/5ml oral solution 58905 Phenobarbital 15mg/5ml elixir (Alliance Healthcare (Distribution) Ltd) 59013 Phenobarbital 60mg/5ml oral solution 59232 Phenobarbital 15mg/5ml elixir (A A H Pharmaceuticals Ltd) 59574 Phenobarbital 15mg tablets (Kent Pharmaceuticals Ltd) 59795 Phenobarbital 15mg tablets (Bristol Laboratories Ltd) 59868 Phenobarbital 15mg tablets (A A H Pharmaceuticals Ltd) 59917 Phenobarbital 50mg/5ml oral solution (Drug Tariff Special Order) 60212 Phenobarbital 15mg/5ml oral solution 61217 Phenobarbital 50mg/5ml oral suspension (Drug Tariff Special Order) 2062 Phenytoin sodium 100mg tablets 4175 Epanutin 30mg/5ml oral suspension (Pfizer Ltd) 4490 Phenytoin 30mg/5ml oral suspension 5587 Phenytoin sodium 50mg capsules 6504 Phenytoin sodium 100mg capsules 6594 Phenytoin sodium 300mg capsules 6624 Phenytoin sodium 25mg capsules 14857 Phenytoin 50mg chewable tablets 17177 Epanutin Infatabs 50mg chewable tablets (Pfizer Ltd) 27113 Phenytoin sodium 100mg tablets (Teva UK Ltd) 34144 Phenytoin sodium 100mg tablets (Actavis UK Ltd) 34592 Phenytoin sodium 100mg tablets (A A H Pharmaceuticals Ltd) 47014 Phenytoin 90mg/5ml oral suspension 49789 Phenytoin sodium 50mg capsules (Flynn Pharma Ltd) 50147 Phenytoin sodium 100mg capsules (Flynn Pharma Ltd) 50148 Phenytoin sodium 25mg capsules (Flynn Pharma Ltd) 50159 Phenytoin sodium 300mg capsules (Flynn Pharma Ltd) 53749 Phenytoin sodium 100mg capsules (A A H Pharmaceuticals Ltd) 53750 Phenytoin sodium 50mg capsules (A A H Pharmaceuticals Ltd) 53846 Phenytoin sodium 300mg capsules (A A H Pharmaceuticals Ltd) 56786 Phenytoin sodium 100mg tablets (Milpharm Ltd) 58539 Phenytoin 90mg/5ml oral solution 59082 Phenytoin sodium 100mg capsules (Alliance Healthcare (Distribution) Ltd) 59293 Phenytoin sodium 300mg capsules (Alliance Healthcare (Distribution) Ltd) 59377 Phenytoin sodium 100mg capsules (Actavis UK Ltd) 59378 Phenytoin sodium 100mg tablets (Wockhardt UK Ltd) 59467 Phenytoin sodium 25mg capsules (Alliance Healthcare (Distribution) Ltd) 59504 Phenytoin sodium 100mg tablets (Alliance Healthcare (Distribution) Ltd) 60245 Phenytoin 90mg/5ml oral suspension (Drug Tariff Special Order) 60573 Phenytoin sodium 50mg capsules (Alliance Healthcare (Distribution) Ltd) 61769 Phenytoin sodium 25mg capsules (A A H Pharmaceuticals Ltd) 62181 Phenytoin sodium 100mg tablets (Kent Pharmaceuticals Ltd) 66347 Phenytoin sodium 100mg capsules (Sigma Pharmaceuticals Plc) 66608 Phenytoin sodium 100mg tablets (Waymade Healthcare Plc) 1398 Epanutin 100mg capsules (Pfizer Ltd)

2782 Phenytoin sodium 50mg tablets

3881 Epanutin 50mg capsules (Pfizer Ltd) 7498 Epanutin 25mg capsules (Pfizer Ltd) 10263 Epanutin 300mg capsules (Pfizer Ltd) 12469 Epanutin Ready-Mixed Parenteral 250mg/5ml solution for injection ampoules (F 24637 Phenytoin sodium 250mg/5ml solution for injection ampoules 107 Phenytoin 25mg capsule 1370 Phenytoin 100mg capsule 2128 Phenytoin 50mg capsule 3068 Phenytoin 300mg capsule 9678 Phenytoin 90mg/5ml oral solution sugar free 21854 Pentran 100mg Tablet (Berk Pharmaceuticals Ltd) 30392 Pentran 50mg Tablet (Berk Pharmaceuticals Ltd) 34699 Phenytoin 90mg/5ml Oral suspension sugar free (Rosemont Pharmaceuticals Lt-47670 Phenytoin 100mg Capsule (Actavis UK Ltd) 62650 Phenytoin 100mg Tablet (Berk Pharmaceuticals Ltd) 22399 Potassium bromide mixture 209 Primidone 250mg/5ml oral suspension 1157 Primidone 250mg tablets 4456 Mysoline 250mg Tablet (AstraZeneca UK Ltd) 10092 Mysoline 250mg tablets (SERB) 15030 Mysoline 250mg/5ml Oral suspension (AstraZeneca UK Ltd) 24627 Primidone 25mg/5ml oral suspension 33252 Primidone 62.5mg/5ml oral suspension 35835 Primidone 50mg/5ml oral suspension 37883 Primidone 100mg/5ml oral solution 44599 Primidone 50mg tablets 45476 Mysoline 50mg tablets (SERB) 50696 Primidone 250mg/5ml oral suspension (Special Order) 53172 Primidone 50mg capsules 59047 Mysoline 250mg tablets (DE Pharmaceuticals) 59088 Primidone 250mg tablets (SERB) 59389 Primidone 250mg tablets (A A H Pharmaceuticals Ltd) 59413 Primidone 50mg tablets (SERB) 59451 Primidone 250mg tablets (Alliance Healthcare (Distribution) Ltd) 59838 Primidone 50mg tablets (Alliance Healthcare (Distribution) Ltd) 60978 Primidone 50mg tablets (A A H Pharmaceuticals Ltd) 64110 Primidone 25mg/5ml oral suspension (Special Order) 64127 Primidone 50mg/5ml oral suspension (Drug Tariff Special Order) 64635 Primidone 62.5mg/5ml oral suspension (Drug Tariff Special Order) 1557 Pyridoxine 50mg tablets 27109 Pyridoxine 50mg tablets (A A H Pharmaceuticals Ltd) 46943 Pyridoxine 50mg tablets (Wockhardt UK Ltd) 50305 Pyridoxine 100mg capsules 61404 HealthAid Vitamin B6 50mg tablets (HealthAid Ltd) 44363 Pyridoxine 100mg/5ml oral solution 57713 Pyridoxine 250mg/5ml oral suspension 58238 Pyridoxine 10mg/5ml oral suspension 61940 Pyridoxine 50mg/5ml oral suspension 63740 Pyridoxine 100mg/5ml oral suspension

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34707 Sodium valproate 200mg gastro-resistant tablets (IVAX Pharmaceuticals UK Ltd) 34883 Sodium valproate 200mg/5ml oral solution sugar free (A A H Pharmaceuticals Lt 35024 Sodium valproate 300mg modified-release capsules 35471 Sodium valproate 150mg modified-release capsules 35747 Episenta 300mg modified-release capsules (Desitin Pharma Ltd) 35755 Sodium valproate 500mg modified-release granules sachets sugar free 36318 Sodium valproate 1g modified-release granules sachets sugar free 36633 Episenta 150mg modified-release capsules (Desitin Pharma Ltd) 37306 Sodium valproate 200mg/5ml Oral solution (Sterwin Medicines) 37611 Epival CR 300mg tablets (Chanelle Medical UK Ltd) 38507 Epilim Chronosphere MR 100mg granules sachets (Sanofi) 38508 Epilim Chronosphere MR 250mg granules sachets (Sanofi) 38939 Epilim 200 gastro-resistant tablets (Sanofi) 38949 Epilim 500 gastro-resistant tablets (Sanofi) 39039 Sodium valproate 200mg modified-release tablets 39276 Sodium valproate with valproic acid 250mg modified release granules 39279 Epilim Chronosphere MR 500mg granules sachets (Sanofi) 39427 Sodium valproate with valproic acid 750mg modified release granules 39452 Sodium valproate with valproic acid 500mg modified release granules 39550 Epilim Chronosphere MR 750mg granules sachets (Sanofi) 39930 Epilim Chronosphere MR 50mg granules sachets (Sanofi) 40070 Sodium valproate 300mg/3ml solution for injection ampoules 40395 Sodium valproate 100mg tablets (Mylan Ltd) 40400 Sodium valproate 500mg Gastro-resistant tablet (C P Pharmaceuticals Ltd) 41137 Sodium valproate with valproic acid 100mg modified release granules 42038 Epilim Chronosphere MR 1000mg granules sachets (Sanofi) 42090 Sodium valproate 200mg/5ml oral solution sugar free (Zentiva) 43178 Sodium valproate with valproic acid 1000mg modified release granules 43387 Sodium valproate with valproic acid 50mg modified release granules 43648 Sodium valproate oral solution 43742 Sodium valproate 1g/10ml solution for injection ampoules 44472 Sodium valproate 100mg modified-release granules sachets sugar free 44718 Sodium valproate 750mg modified-release granules sachets sugar free 44903 Sodium valproate 500mg gastro-resistant tablets (Zentiva) 45106 Sodium valproate 250mg modified-release granules sachets sugar free 45344 Sodium valproate 200mg/5ml Oral solution (Hillcross Pharmaceuticals Ltd) 45419 Sodium valproate 50mg modified-release granules sachets sugar free 46774 Sodium valproate 500mg gastro-resistant tablets (Teva UK Ltd) 49923 Epilim Chrono 200 tablets (Lexon (UK) Ltd) 51751 Sodium valproate 200mg gastro-resistant tablets (Wockhardt UK Ltd) 53195 Epilim Chrono 200 tablets (DE Pharmaceuticals) 53197 Sodium valproate 300mg modified-release tablets (Sigma Pharmaceuticals Plc) 53501 Epilim Chrono 500 tablets (Lexon (UK) Ltd) 53524 Epilim Chrono 300 tablets (DE Pharmaceuticals) 55006 Sodium valproate 500mg modified-release tablets (Alliance Healthcare (Distribu 56076 Sodium valproate 500mg/5ml oral suspension 56136 Epilim Chrono 300 tablets (Waymade Healthcare Plc) 60102 Sodium valproate 500mg modified-release tablets (J M McGill Ltd)

60332 Sodium valproate 200mg/5ml oral solution sugar free (Wockhardt UK Ltd)

62637 Sodium valproate 200mg gastro-resistant tablets (Actavis UK Ltd)

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64693 Clonazepam 2.5mg/ml drops

65046 Lamotrigine 15mg/5ml oral suspension

51583 Primidone 100mg/5ml oral suspension

57898 Carbamazepine 100mg/5ml oral suspension

- 55019 Phenobarbital 250mg/5ml oral suspension
- 58532 Phenobarbital 34mg/5ml oral suspension
- 60648 Phenobarbital 15mg/5ml oral suspension
- 49429 Paraldehyde 50% in Sunflower oil rectal solution
- 59375 Paraldehyde 50% in Olive oil rectal solution
- 61290 Midazolam 2.5mg/0.25ml oromucosal solution pre-filled oral syringes
- 63631 Paraldehyde 50% in Arachis oil rectal solution
- 54609 Gabapentin 50mg/ml oral solution sugar free
- 58162 Gabapentin 600mg/5ml oral solution
- 59196 Gabapentin 400mg/5ml oral solution
- 63375 Gabapentin 200mg/5ml oral solution
- 66495 Brivaracetam 50mg tablets
- 57874 Topiramate 12.5mg/5ml oral suspension
- 60432 Topiramate 10mg/5ml oral solution

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30	FosPhenytoin
31	Gabapentin
32	Gabapentin
33 34	Gabapentin
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39 40	Gabapentin
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53 54	Gabapentin
5 4 55	Gabapentin
56	Gabapentin
57	Gabapentin
58	Gabapentin
59	Gabapentin
60	Gabapentin
	Cabapenan

Gabapentin Lacosamide Lamotrigine 1 Lamotrigine 2 3 Lamotrigine 4 Lamotrigine 5 Lamotrigine 6 Lamotrigine 7 8 Lamotrigine 9 Lamotrigine 10 Lamotrigine 11 Lamotrigine 12 Lamotrigine 13 Lamotrigine 14 15 Lamotrigine 16 Lamotrigine 17 Lamotrigine 18 Lamotrigine 19 Lamotrigine 20 21 Lamotrigine 22 Lamotrigine 23 Lamotrigine 24 Lamotrigine 25 26 Lamotrigine 27 Lamotrigine 28 Lamotrigine 29 Lamotrigine 30 Lamotrigine 31 32 Lamotrigine 33 Lamotrigine 34 Lamotrigine 35 Lamotrigine 36 Lamotrigine 37 38 Lamotrigine 39 Lamotrigine 40 Lamotrigine 41 Lamotrigine 42 Lamotrigine 43 44 Lamotrigine 45 Lamotrigine 46 Levetiracetam 47 Levetiracetam 48 Levetiracetam 49 50 Levetiracetam 51 Levetiracetam 52 Levetiracetam 53 Levetiracetam 54 Levetiracetam 55 56 Levetiracetam 57 Levetiracetam 58 Levetiracetam 59 Levetiracetam 60 Levetiracetam

1 Levetiracetam 2 3 Levetiracetam 4 Levetiracetam 5 Levetiracetam 6 Levetiracetam 7 Levetiracetam 8 9 Levetiracetam 10 Levetiracetam 11 Levetiracetam 12 Levetiracetam 13 Levetiracetam 14 15 Levetiracetam 16 Levetiracetam 17 Levetiracetam 18 Levetiracetam 19 Levetiracetam 20 21 Levetiracetam 22 Levetiracetam 23 Levetiracetam 24 Levetiracetam 25 26 Levetiracetam 27 Levetiracetam 28 Levetiracetam 29 Levetiracetam 30 Levetiracetam 31 32 Levetiracetam 33 Levetiracetam 34 Levetiracetam 35 Lorazepam 36 Lorazepam 37 38 Mesuximide 39 Midazolam 40 Midazolam 41 Midazolam 42 Midazolam 43 44 Midazolam 45 Midazolam 46 Midazolam 47 Midazolam 48 Midazolam 49 50 Midazolam 51 Midazolam 52 Midazolam 53 Midazolam 54 Midazolam 55 56 Midazolam 57 Midazolam 58 Midazolam

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Midazolam Maleate

Midazolam/Midazolam

1 2	Olive oil/Paraldehyde	
3	Oxcarbazepine	
4	Oxcarbazepine	
5	Oxcarbazepine	
6	Oxcarbazepine	
7 8	Oxcarbazepine	
9	Oxcarbazepine	
10	Oxcarbazepine	
11	Oxcarbazepine	
12	Paraldehyde	
13 14	Paraldehyde	
15	Paraldehyde	
16	Perampanel	
17	Perampanel	
18	Perampanel	
19	Perampanel	
20 21	Perampanel	
22	Perampanel	
23	Perampanel	
24	Perampanel	
25	Perampanel	
26 27	Perampanel	
28	Perampanel	
29	Perampanel	
30	Perampanel Phenobarbital	
31	Phenobarbital	
32 33	Phenobarbital	
34	Phenobarbital	
35	Phenobarbital	
36	Phonobarbital	
37	Phenobarbital	
38 39	Phenobarbital Phenobarbital	
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41	Phenobarbital Phenobarbital	
42	Phenobarbital	
43 44		
44 45	Phenobarbital Phenobarbital	
46	Phenobarbital	
47	Phenobarbital	
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49 50		
50 51	Phenobarbital	
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54	Phenobarbital	
55 56	Phenobarbital	
56 57	Phenobarbital	
58	Phenobarbital	
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60	Phenobarbital	
	Phenobarbital	

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Phenytoin

Phenobarbital Phenytoin Phenytoin

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         Phenytoin
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         Phenytoin
17
         Phenytoin
18
         Phenytoin
19
         Potassium bromide/Ammonium bicarbonate/Liquorice liquid extract/Anise oil/Ethanol 90%/Chloroforr
20
21
         Primidone
22
         Primidone
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         Primidone
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         Primidone
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         Primidone
45
         Primidone
46
         Primidone
47
         Primidone
48
         Pyridoxine hydrochloride
49
50
         Pyridoxine hydrochloride
51
         Pyridoxine hydrochloride
52
         Pyridoxine hydrochloride
53
         Pyridoxine hydrochloride
54
         Pyridoxine Hydrochloride
55
56
         Pyridoxine hydrochloride
57
         Pyridoxine hydrochloride
58
         Pyridoxine hydrochloride
59
         Pyridoxine hydrochloride
60
         Retigabine
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Retigabine Rufinamide Rufinamide Rufinamide Rufinamide Rufinamide Rufinamide Rufinamide Sodium valproate 1 Sodium valproate 2 3 Sodium valproate 4 Sodium valproate 5 Sodium valproate 6 Sodium valproate 7 8 Sodium valproate 9 Sodium valproate 10 Sodium valproate 11 Sodium valproate 12 Sodium valproate 13 Sodium valproate 14 15 Sodium valproate 16 Sodium valproate 17 Sodium valproate 18 Sodium valproate 19 Sodium valproate 20 21 Sodium valproate 22 Sodium valproate 23 Sodium valproate 24 Sodium valproate 25 Sodium valproate 26 27 Sodium valproate 28 Sodium valproate 29 Sodium valproate 30 Sodium valproate 31 32 Sodium valproate 33 Sodium valproate 34 Sodium valproate 35 Sodium valproate 36 Sodium valproate 37 Sodium valproate 38 39 Sodium valproate 40 Sodium valproate 41 Sodium valproate 42 Sodium valproate 43 44 Sodium valproate 45 Sodium valproate 46 Sodium valproate 47 Sodium valproate 48 Sodium valproate 49 50 Sodium valproate 51 Sodium valproate 52 Sodium valproate 53 Sodium valproate 54 Sodium valproate 55 56 Sodium valproate 57 Sodium valproate 58 Sodium valproate 59 Sodium valproate 60 Sodium valproate 1 Sodium valproate 2 3 Sodium valproate 4 Sodium valproate 5 Stiripentol 6 Stiripentol 7 8 Stiripentol 9 Stiripentol TOLDER TELEMONY 10 Sultiame 11 Sultiame 12 Sultiame 13 Thiopental sodium 14 15 Tiagabine 16 **Tiagabine** 17 **Tiagabine** 18 Tiagabine 19 **Tiagabine** 20 21 **Tiagabine** 22 Tiagabine 23 Tiagabine 24 **Tiagabine** 25 **Topiramate** 26 27 **Topiramate** 28 **Topiramate** 29 **Topiramate** 30 **Topiramate** 31 32 **Topiramate** 33 **Topiramate** 34 **Topiramate** 35 **Topiramate** 36 **Topiramate** 37 38 **Topiramate** 39 **Topiramate** 40 **Topiramate** 41 **Topiramate** 42 **Topiramate** 43 44 **Topiramate** 45 **Topiramate** 46 **Topiramate** 47 **Topiramate** 48 **Topiramate** 49 50 **Topiramate** 51 **Topiramate** 52 **Topiramate** 53 **Topiramate** 54 **Topiramate** 55 56 **Topiramate** 57 **Topiramate** 58 **Topiramate** 59 **Topiramate** 60

Topiramate

1 2	Topiramate
3	Topiramate
4	Topiramate
5	Topiramate
6	Topiramate
7	Topiramate
8 9	Topiramate
10	Topiramate
11	Topiramate
12	Valproate semisodium
13	Valproic acid
14 15	Valproic acid
16	
17	Valproic acid Valproic acid
18	
19	Valproic acid
20	Valproic acid
21 22	Vigabatrin
23	Vigabatrin
24	Vigabatrin
25	Vigabatrin
26	Vigabatrin
27 28	Vigabatrin
29	Zonisamide
30	Zonisamide
31	Zonisamide
32	Zonisamide
33	Zonisamide
34 35	Zonisamide
36	Zonisamide
37	Zonisamide
38	Clobazam
39	Gabapentin
40 41	Phenobarbital
42	Clobazam
43	Levetiracetam
44	Sodium valproate
45	Phenytoin
46 47	Levetiracetam
47 48	Levetiracetam
49	Zonisamide
50	Levetiracetam
51	Levetiracetam
52	Phenobarbital
53 54	Clonazepam
5 4 55	Lacosamide
56	Phenytoin
57	Clonazepam
58	Lamotrigine
59	Primidone
60	Carbamazepine
	Carbanazepine

Phenobarbital
Phenobarbital
Phenobarbital
Phenobarbital
Paraldehyde
Paraldehyde
Midazolam
Paraldehyde
Gabapentin
Gabapentin
Gabapentin
Grabapentin
Brivaracetam
Topiramate
Topiramate











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STROBE Statement—checklist of items that should be included in reports of observational studies

	Item No	Recommendation	Page No
Title and abstract	1	(a) Indicate the study's design with a commonly used term in	1
		the title or the abstract	
		(b) Provide in the abstract an informative and balanced	2
		summary of what was done and what was found	
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the	4
		investigation being reported	
Objectives	3	State specific objectives, including any prespecified	4
		hypotheses	
Methods			
Study design	4	Present key elements of study design early in the paper	4,5
Setting	5	Describe the setting, locations, and relevant dates, including	4,5
C		periods of recruitment, exposure, follow-up, and data	
		collection	
Participants	6	(a) Cohort study—Give the eligibility criteria, and the sources	5
-		and methods of selection of participants. Describe methods of	
		follow-up	
		Case-control study—Give the eligibility criteria, and the	
		sources and methods of case ascertainment and control	
		selection. Give the rationale for the choice of cases and	
		controls	
		Cross-sectional study—Give the eligibility criteria, and the	
		sources and methods of selection of participants	
		(b) Cohort study—For matched studies, give matching criteria	5
		and number of exposed and unexposed	
		Case-control study—For matched studies, give matching	
		criteria and the number of controls per case	
Variables	7	Clearly define all outcomes, exposures, predictors, potential	5, 6 supplementa
		confounders, and effect modifiers. Give diagnostic criteria, if	file 1 and 2
		applicable	
Data sources/	8*	For each variable of interest, give sources of data and details	5, 6,
measurement		of methods of assessment (measurement). Describe	supplemental file
		comparability of assessment methods if there is more than one	1 and 2
		group	
Bias	9	Describe any efforts to address potential sources of bias	N/A
Study size	10	Explain how the study size was arrived at	5,6
Quantitative variables	11	Explain how quantitative variables were handled in the	5,6
		analyses. If applicable, describe which groupings were chosen	
		and why	
Statistical methods	12	(a) Describe all statistical methods, including those used to	6
		control for confounding	
		(b) Describe any methods used to examine subgroups and	6
		interactions	
		(c) Explain how missing data were addressed	5

(d) Cohort study—If applicable, explain how loss to follow-	5
up was addressed	
Case-control study—If applicable, explain how matching of	
cases and controls was addressed	
Cross-sectional study—If applicable, describe analytical	
methods taking account of sampling strategy	
(e) Describe any sensitivity analyses	

Continued on next page

Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially	Fig 1
1 with purity		eligible, examined for eligibility, confirmed eligible, included in the study,	1181
		completing follow-up, and analysed	
		(b) Give reasons for non-participation at each stage	Fig 1
		(c) Consider use of a flow diagram	Fig 1
Descriptive	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and	6
data		information on exposures and potential confounders	
		(b) Indicate number of participants with missing data for each variable of interest	N/A
		(c) Cohort study—Summarise follow-up time (eg, average and total amount)	N/A
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time	table
			1 - 3
		Case-control study—Report numbers in each exposure category, or summary	table
		measures of exposure	4
		Cross-sectional study—Report numbers of outcome events or summary measures	
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and	9,10
		their precision (eg, 95% confidence interval). Make clear which confounders were	
		adjusted for and why they were included	
		(b) Report category boundaries when continuous variables were categorized	table
			4
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a	N/A
		meaningful time period	
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and	9
		sensitivity analyses	
Discussion			1
Key results	18	Summarise key results with reference to study objectives	8,9
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or	12,13
		imprecision. Discuss both direction and magnitude of any potential bias	
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations,	10,11
		multiplicity of analyses, results from similar studies, and other relevant evidence	
Generalisability	21	Discuss the generalisability (external validity) of the study results	13
Other informati	on		
Funding	22	Give the source of funding and the role of the funders for the present study and, if	14
		applicable, for the original study on which the present article is based	1

^{*}Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

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