

**The technical specification for this indicator has been modified since it was originally posted. See the [document addendum](#) for details of the current change.**



## PSI #8 Postoperative Hip Fracture

### Provider-Level Indicator

#### Numerator

Discharges with ICD-9-CM code for hip fracture in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

*ICD-9-CM Hip Fracture diagnosis codes:*

82000	FX FEMUR INTRCAPS NOS-CL	82020	TROCHANTERIC FX NOS-CLOS
82001	FX UP FEMUR EPIPHY-CLOS	82021	INTERTROCHANTERIC FX-CL
82002	FX FEMUR, MIDCERVIC-CLOS	82022	SUBTROCHANTERIC FX-CLOSE
82003	FX BASE FEMORAL NCK-CLOS	82030	TROCHANTERIC FX NOS-OPEN
82009	FX FEMUR INTRCAPS NEC-CL	82031	INTERTROCHANTERIC FX-OPN
82010	FX FEMUR INTRCAP NOS-OPN	82032	SUBTROCHANTERIC FX-OPEN
82011	FX UP FEMUR EPIPHY-OPEN	8208	UNSPECIFIED PART OF NECK OF FEMUR, CLOSED
82012	FX FEMUR, MIDCERVIC-OPEN	8209	UNSPECIFIED PART OF NECK OF FEMUR, OPEN
82013	FX BASE FEMORAL NCK-OPEN		
82019	FX FEMUR INTRCAP NEC-OPN		

#### Denominator

All surgical discharges age 18 and older defined by specific DRGs or MS-DRGs and an ICD-9-CM code for an operating room procedure.

See *Patient Safety Indicators Appendices*:

- Appendix A – Operating Room Procedure Codes
- Appendix D – Surgical Discharge DRGs
- Appendix E – Surgical Discharge MS-DRGs

Exclude cases:

- with principal diagnosis of hip fracture or secondary diagnosis present on admission
- where the only operating room procedure is hip fracture repair
- where a procedure for hip fracture repair occurs before or on the same day as the first operating room procedure  
*Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available*
- with diseases and disorders of the musculoskeletal system and connective tissue (MDC 8)
- with principal diagnosis (or secondary diagnosis present on admission, if known) of seizure, syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury
- with any diagnosis of metastatic cancer, lymphoid malignancy or bone malignancy, or self-inflicted injury
- MDC14 (pregnancy, childbirth, and puerperium)

*ICD-9-CM Hip Fracture Repair procedure codes:*

7855	INTERNAL FIXATION-FEMUR	7965	DEBRIDEMENT OF OPEN FRACTURE OF FEMUR
7905	CLOSED REDUCTION OF FRACTURE OF FEMUR WITHOUT INTERNAL FIXATION	8151	TOTAL HIP REPLACEMENT
7915	CLOSED RED-INT FIX FEMUR	8152	PARTIAL HIP REPLACEMENT
7925	OPEN REDUCTION-FEMUR FX	8153	REVISION OF HIP REPLACEMENT, NOT OTHERWISE SPECIFIED
7935	OPEN REDUC-INT FIX FEMUR		

*ICD-9-CM Seizure diagnosis codes:*

34500	GENERALIZED NONCONVULSIVE EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY	34560	INFANTILE SPASMS – W/O MENTION OF INTRACTABLE EPILEPSY
34501	GENERALIZED NONCONVULSIVE EPILEPSY – W/ INTRACTABLE EPILEPSY	34561	INFANTILE SPASMS – W/ INTRACTABLE EPILEPSY
34510	GENERALIZED CONVULSIVE EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY	34570	EPILEPSIA PARTIALIS CONTINUA – W/O MENTION OF INTRACTABLE EPILEPSY
34511	GENERALIZED CONVULSIVE EPILEPSY – W/ INTRACTABLE EPILEPSY	34571	EPILEPSIA PARTIALIS CONTINUA – W/ INTRACTABLE EPILEPSY
3452	EPILEPSY – PETIT MAL STATUS	34580	OTHER FORMS OF EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY
3453	EPILEPSY – GRAND MAL STATUS	34581	OTHER FORMS OF EPILEPSY – W/ INTRACTABLE EPILEPSY
34540	PARTIAL EPILEPSY, W/ IMPAIRMENT OF CONSCIOUSNESS – W/O INTRACTABLE EPILEPSY	34590	EPILEPSY, UNSPECIFIED – W/O MENTION OF INTRACTABLE EPILEPSY
34541	PARTIAL EPILEPSY, W/ IMPAIRMENT OF CONSCIOUSNESS – W/ MENTION OF INTRACTABLE EPILEPSY	34591	EPILEPSY, UNSPECIFIED – W/ INTRACTABLE EPILEPSY
34550	PARTIAL EPILEPSY, W/O MENTION OF IMPAIRMENT OF CONSCIOUSNESS – W/O MENTION OF INTRACTABLE EPILEPSY	7803	CONVULSIONS
34551	PARTIAL EPILEPSY, W/O MENTION OF IMPAIRMENT OF CONSCIOUSNESS – W/ INTRACTABLE EPILEPSY	78031	FEBRILE CONVULSIONS
		78032	COMPLX FEBRILE CONVULSIONS OCT06-
		78039	OTHER CONVULSIONS
		7803	CONVULSIONS (OLD CODE NO LONGER VALID)

*ICD-9-CM Syncope diagnosis code:*

33701	CAROTID SINUS SYNDROME OCT08-	7802	SYNCOPE AND COLLAPSE
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*ICD-9-CM Stroke and Occlusion of Arteries diagnosis codes:*

430	SUBARACHNOID HEMORRHAGE	43391	OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES, UNSPECIFIED PRECEREBRAL ARTERY W/ CEREBRAL INFARCTION
431	INTRACEREBRAL HEMORRHAGE	43401	CEREBRAL THROMBOSIS – W/ CEREBRAL INFARCTION
4320	NONTRAUMATIC EXTRADURAL HEMORRHAGE	43411	CEREBRAL EMBOLISM – W/ CEREBRAL INFARCTION
4321	SUBDURAL HEMORRHAGE	43491	CEREBRAL ARTERY OCCLUSION, UNSPECIFIED - W/ CEREBRAL INFARCTION
4329	UNSPECIFIED INTRACRANIAL HEMORRHAGE	4350	BASILAR ARTERY SYNDROME
43301	BASILAR ARTERY, W/ CEREBRAL INFARCTION	4351	VERTEBRAL ARTERY SYNDROME
43311	CAROTID ARTERY, W/ CEREBRAL INFARCTION	4353	VERTEBROBASILAR ARTERY SYNDROME
43321	VERTEBRAL ARTERY - W/ CEREBRAL INFARCTION	436	ACUTE, BUT ILL-DEFINED CEREBROVASCULAR DISEASE
43331	MULTIPLE AND BILATERAL W/ CEREBRAL INFARCTION		
43381	OTHER SPECIFIED PRECEREBRAL ARTERY W/ CEREBRAL INFARCTION		

99702 POSTOPERATIVE CEREBROVASCULAR ACCIDENT

*ICD-9-CM Coma diagnosis codes:*

0700	VIRAL HEPATITIS A WITH HEPATIC COMA	24931	SECONDARY DIABETES MELLITUS WITH OTHER COMA, UNCONTROLLED OCT08-
07020	VIRAL HEPATITIS B WITH HEPATIC COMA, ACUTE OR UNSPECIFIED, WITHOUT MENTION OF HEPATITIS DELTA	25020	DIABETES W/ HYPEROSMOLARITY, TYPE 2 [NONINSULIN DEPENDENT TYPE][NIDDM TYPE][ADULT-ONSET] OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED
07021	VIRAL HEPATITIS B WITH HEPATIC COMA, ACUTE OR UNSPECIFIED, WITH HEPATITIS DELTA	25021	DIABETES W/ HYPEROSMOLARITY, TYPE 1 [INSULIN DEPENDENT TYPE][IDDM-TYPE] [JUVENILE TYPE], NOT STATED AS UNCONTROLLED
07022	VIRAL HEPATITIS B WITH HEPATIC COMA, CHRONIC, WITHOUT MENTION OF HEPATITIS DELTA	25022	DIABETES W/ HYPEROSMOLARITY, TYPE 2
07023	VIRAL HEPATITIS B WITH HEPATIC COMA, CHRONIC, WITH HEPATITIS DELTA	25023	DIABETES MELLITUS, DIABETES W/ HYPEROSMOLARITY, TYPE 1 [INSULIN DEPENDENT TYPE][IDDM-TYPE][JUVENILE TYPE] UNCONTROLLED
07041	ACUTE HEPATITIS C WITH HEPATIC COMA	25030	DIABETES W/ OTHER COMA, TYPE 2 NOT STATED AS UNCONTROLLED
07042	HEPATITIS DELTA WITHOUT MENTION OF ACTIVE HEPATITIS B DISEASE WITH HEPATIC COMA	25031	DIABETES W/ OTHER COMA, TYPE 1 NOT STATED AS UNCONTROLLED
07043	HEPATITIS E WITH HEPATIC COMA	25032	DIABETES MELLITUS, DIABETES W/ OTHER COMA, TYPE 2 UNCONTROLLED
07044	CHRONIC HEPATITIS C WITH HEPATIC COMA	25033	DIABETES MELLITUS, DIABETES W/ OTHER COMA, TYPE 1 UNCONTROLLED
07049	OTHER SPECIFIED VIRAL HEPATITIS WITH HEPATIC COMA	2510	OTHER DISORDERS OF PANCREATIC INTERNAL SECRETION, HYPOGLYCEMIC COMA
0706	UNSPECIFIED VIRAL HEPATITIS WITH HEPATIC COMA	5722	LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE, HEPATIC COMA
07071	UNSPECIFIED VIRAL HEPATITIS C WITH HEPATIC COMA	78001	GENERAL SYMPTOMS, ALTERATION OF CONSCIOUSNESS, COMA
24920	SECONDARY DIABETES MELLITUS WITH HYPEROSMOLARITY, UNSPECIFIED OCT08-	78003	GENERAL SYMPTOMS, ALTERATION OF CONSCIOUSNESS PERSISTENT VEGETATIVE STATE
24921	SECONDARY DIABETES MELLITUS WITH HYPEROSMOLARITY, UNCONTROLLED OCT08-		
24930	SECONDARY DIABETES MELLITUS WITH OTHER COMA, UNSPECIFIED OCT08-		

*ICD-9-CM Cardiac Arrest diagnosis code:*

4275 CARDIAC ARRES

*ICD-9-CM Poisoning diagnosis codes:*

96500	POISONING-OPIUM NOS OCT08-	9664	POIS-ANTI-PARKINSON DRUG
96501	POISONING-HEROIN	9670	POISONING-BARBITURATES
96502	POISONING-METHADONE	9671	POISONING-CHLORAL HYDRAT
96509	POISONING-OPIATES NEC	9672	POISONING-PARALDEHYDE
9656	POISONING-ANTIRHEUMATICS OCT08-	9673	POISONING-BROMINE COMPND
96561	POIS-PROPIONIC ACID DERIV OCT08-	9674	POISONING-METHAQUALONE
96569	POISON-ANTIRHEUMATIC NEC OCT08-	9675	POISONING-GLUTETHIMIDE
9658	POIS-ANALGES/ANTIPYR NEC	9676	POISON-MIX SEDATIVE NEC
9660	POISON-OXAZOLIDINE DERIV	9678	POIS-SEDATIVE/HYPNOT NEC
9661	POISON-HYDANTOIN DERIVAT	9679	POIS-SEDATIVE/HYPNOT NOS
9662	POISONING-SUCCINIMIDES	9680	POIS-CNS MUSCLE DEPRESS
9663	POIS-ANTICONVUL NEC/NOS	9681	POISONING-HALOTHANE

9682	POISON-GAS ANESTHET NEC	E8584	ACC POISON-GI AGENT
9683	POISON-INTRAVEN ANESTHET	E8585	ACC POISN-METABOL AGNT
9684	POIS-GEN ANESTH NEC/NOS	E8586	ACC POISN-MUSCL/RESP AGT
9685	POIS-TOPIC/INFILT ANESTH	E8587	ACC POISN-SKIN/EENT AGNT
9686	POIS-NERVE/PLEX-BLK ANES	E8588	ACC POISONING-DRUG NEC
9687	POISON-SPINAL ANESTHETIC	E8589	ACC POISONING-DRUG NOS
9689	POIS-LOCAL ANEST NEC/NOS	E8600	ACC POISN-ALCOHOL BEVRAG
9690	POISONING-ANTIDEPRESSANT	E8601	ACC POISON-ETHYL ALCOHOL
9691	POIS-PHENOTHIAZINE TRANQ	E8602	ACC POISN-METHYL ALCOHOL
9692	POIS-BUTYROPHENONE TRANQ	E8603	ACC POISN-ISOPROPYL ALC
9693	POISON-ANTIPSYCHOTIC NEC	E8604	ACC POISON-FUSEL OIL
9694	POIS-BENZODIAZEPINE TRAN	E8608	ACC POISON-ALCOHOL NEC
9695	POISON-TRANQUILIZER NEC	E8609	ACC POISON-ALCOHOL NOS
9696	POISONING-HALLUCINOGENS	E8610	ACC POIS-SYNTH DETERGENT
9697	POISON-PSYCHOSTIMULANTS	E8611	ACC POISON-SOAP PRODUCTS
9698	POISON-PSYCHOTROPIC NEC	E8612	ACC POISON-POLISHES
9699	POISON-PSYCHOTROPIC NOS	E8613	ACC POISON-CLEANSER NEC
9752	POIS-SKELET MUSCLE RELAX OCT08-	E8614	ACC POISON-DISINFECTANTS
E8500	ACC POISON-HEROIN	E8615	ACC POISON-LEAD PAINTS
E8501	ACC POISON-METHADONE	E8616	ACC POISON-PAINTS NEC
E8502	ACC POISON-OPIATES NEC	E8619	ACC POISON-CLEANSER NOS
E8503	ACC POISON-SALICYLATES	E8620	ACC POISN-PETROL SOLVENT
E8504	ACC POISON-AROM ANALGESC	E8621	ACC POISN-PETROLEUM FUEL
E8505	ACC POISON-PYRAZOLE DERV	E8622	ACC POIS-LUBRICATING OIL
E8506	ACC POISON-ANTIRHEUMATIC	E8623	ACC POIS-PETROLEUM SOLID
E8507	ACC POISON-NONNARC ANALG	E8624	ACC POISN-SOLVENTS NEC
E8508	ACC POISON-ANALGESIC NEC	E8629	ACC POISN-SOLVENT NOS
E8509	ACC POISON-ANALGESIC NOS	E8630	ACC POIS-CHLORINE PESTIC
E851	ACC POISON-BARBITURATES	E8631	ACC POIS-PHOSPH PESTICID
E8520	ACC POISN-CHLORL HYDRATE	E8632	ACC POISON-CARBAMATES
E8521	ACC POISON-PARALDEHYDE	E8633	ACC POISN-MIXED PESTICID
E8522	ACC POISON-BROMINE CMPND	E8634	ACC POISON-PESTICIDE NEC
E8523	ACC POISON-METHAQUALONE	E8635	ACC POISON-HERBICIDES
E8524	ACC POISON-GLUTETHIMIDE	E8636	ACC POISON-FUNGICIDES
E8525	ACC POISON-MIX SEDTV NEC	E8637	ACC POISON-RODENTICIDES
E8528	ACC POISON-SEDATIVES NEC	E8638	ACC POISON-FUMIGANTS
E8529	ACC POISON-SEDATIVES NOS	E8639	ACC POIS-AGRCULT NEC/NOS
E8530	ACC POIS-PHENTHAZ TRANQ	E8640	ACC POIS-CORROSIV AROMAT
E8531	ACC POIS-BUTYRPHEN TRANQ	E8641	ACC POISON-ACIDS
E8532	ACC POISN-BENZDIAZ TRANQ	E8642	ACC POISN-CAUSTIC ALKALI
E8538	ACC POISN-TRANQUILZR NEC	E8643	ACC POISON-CAUSTIC NEC
E8539	ACC POISN-TRANQUILZR NOS	E8644	ACC POISON-CAUSTIC NOS
E8540	ACC POISON-ANTIDEPRESSNT	E8650	ACC POISON-MEAT
E8541	ACC POISON-HALLUCINOGENS	E8651	ACC POISON-SHELLFISH
E8542	ACC POISN-PSYCHSTIMULANT	E8652	ACC POISON-FISH NEC
E8543	ACC POISON-CNS STIMULANT	E8653	ACC POISON-BERRIES/SEEDS
E8548	ACC POISN PSYCHOTROP NEC	E8654	ACC POISON-PLANTS NEC
E8550	ACC POISN-ANTICONVULSANT	E8655	ACC POISON-MUSHROOMS
E8551	ACC POISN-CNS DEPRES NEC	E8658	ACC POISON-FOOD NEC
E8552	ACC POISN-LOCAL ANESTHET	E8659	ACC POISN-FOOD/PLANT NOS
E8553	ACC POISON-CHOLINERGICS	E8660	ACC POISONING-LEAD
E8554	ACC POISN-ANTICHOLINERG	E8661	ACC POISONING-MERCURY
E8555	ACC POISON-ADRENERGICS	E8662	ACC POISONING-ANTIMONY
E8556	ACC POISN-SYMPATHOLYTICS	E8663	ACC POISONING-ARSENIC
E8558	ACC POISON-CNS DRUG NEC	E8664	ACC POISON-METALS NEC
E8559	ACC POISON-CNS DRUG NOS	E8665	ACC POISON-PLANT FOOD
E856	ACC POISON-ANTIBIOTICS	E8666	ACC POISON-GLUES
E857	ACC POIS-OTH ANTI-INFECT	E8667	ACC POISON-COSMETICS
E8580	ACC POISON-HORMONES	E8668	ACC POIS-SOLID/LIQ NEC
E8581	ACC POISN-SYSTEMIC AGENT	E8669	ACC POIS-SOLID/LIQ NOS
E8582	ACC POISON-BLOOD AGENT	E867	ACC POISON-PIPED GAS
E8583	ACC POISN-CARDIOVASC AGT	E8680	ACC POIS-LIQ PETROL GAS

E8681	ACC POIS-UTL GAS NEC/NOS	E9621	ASSAULT-POIS W SOLID/LIQ
E8682	ACC POISON-EXHAUST GAS	E9622	ASSAULT-POIS W GAS/VAPOR
E8683	ACC POIS-CO/DOMESTC FUEL	E9629	ASSAULT-POISONING NOS
E8688	ACC POIS-CARBON MONOX NEC	E9800	UNDETERM POIS-ANALGESICS
E8689	ACC POIS-CARBON MONOX NOS	E9801	UNDETERM POIS-BARBITURAT
E8690	ACC POISN-NITROGEN OXIDE	E9802	UNDET POIS-SED/HYPN NEC
E8691	ACC POISN-SULFUR DIOXIDE	E9803	UNDETERM POIS-PSYCHOTROP
E8692	ACC POISON-FREON	E9804	UNDET POIS-MED AGNT NEC
E8693	ACC POISON-TEAR GAS	E9805	UNDET POIS-MED AGNT NOS
E8694	SCNDHND TBCCO SMOKE	E9806	UNDET POIS-CORROS/CAUST
E8698	ACC POISON-GAS/VAPOR NEC	E9807	UNDET POIS-AGRICULT AGNT
E8699	ACC POISON-GAS/VAPOR NOS	E9808	UNDETERM POIS-ARSENIC
E9510	POISON-PIPED GAS	E9809	UNDETERM POIS-SOL/LIQ NEC
E9511	POISON-GAS IN CONTAINER	E9810	UNDETERM POIS-PIPED GAS
E9518	POISON-UTILITY GAS NEC	E9811	UNDET POIS-CONTAINER GAS
E9520	POISON-EXHAUST GAS	E9818	UNDET POIS-UTIL GAS NEC
E9521	POISON-CO NEC	E9820	UNDETERM POIS-EXHAUST GAS
E9528	POISON-GAS/VAPOR NEC	E9821	UNDETERM POISON-CO NEC
E9529	POISON-GAS/VAPOR NOS	E9828	UNDET POIS-GAS/VAPOR NEC
E9620	ASSAULT-POIS W MEDIC AGT	E9829	UNDET POIS-GAS/VAPOR NOS

*ICD-9-CM Delirium and Other Psychoses diagnosis codes:*

2900	SENILE DEMENTIA UNCOMP	29383	ORGANIC AFFECTIVE SYND
29010	PRESENILE DEMENTIA	29384	ORGANIC ANXIETY SYNDROME
29011	PRESENILE DELIRIUM	29389	TRANSIENT ORG MENTAL NEC
29012	PRESENILE DELUSION	2939	TRANSIENT ORG MENTAL NOS
29013	PRESENILE DEPRESSION	2940	AMNESTIC SYNDROME
29020	SENILE DELUSION	2941	DEMENTIA IN OTH DISEASES
29021	SENILE DEPRESSIVE	29410	DEMENTIA W/O BEHAV DIST
2903	SENILE DELIRIUM	29411	DEMENTIA W BEHAVIOR DIST
29040	ARTERIOSCLER DEMENT NOS	2948	ORGANIC BRAIN SYND NEC
29041	ARTERIOSCLER DELIRIUM	2949	ORGANIC BRAIN SYND NOS
29042	ARTERIOSCLER DELUSION	29500	SIMPL SCHIZOPHREN-UNSPEC
29043	ARTERIOSCLER DEPRESSIVE	29501	SIMPL SCHIZOPHREN-SUBCHR
2908	SENILE PSYCHOSIS NEC	29502	SIMPLE SCHIZOPHREN-CHR
2909	SENILE PSYCHOT COND NOS	29503	SIMP SCHIZ-SUBCHR/EXACER
2910	DELIRIUM TREMENS	29504	SIMPL SCHIZO-CHR/EXACERB
2911	ALCOHOL AMNESTIC SYND	29505	SIMPL SCHIZOPHREN-REMISS
2912	ALCOHOLIC DEMENTIA NEC	29510	HEBEPHRENIA-UNSPEC
2913	ALCOHOL HALLUCINOSIS	29511	HEBEPHRENIA-SUBCHRONIC
2914	PATHOLOGIC ALCOHOL INTOX	29512	HEBEPHRENIA-CHRONIC
2915	ALCOHOLIC JEALOUSY	29513	HEBEPHREN-SUBCHR/EXACERB
2918	ALCOHOLIC PSYCHOSIS NEC	29514	HEBEPHRENIA-CHR/EXACERB
29181	ALCOHOL WITHDRAWAL	29515	HEBEPHRENIA-REMISSION
29189	ALCOHOLIC PSYCHOSIS NEC	29520	CATATONIA-UNSPEC
2919	ALCOHOLIC PSYCHOSIS NOS	29521	CATATONIA-SUBCHRONIC
2920	DRUG WITHDRAWAL SYNDROME	29522	CATATONIA-CHRONIC
29211	DRUG PARANOID STATE	29523	CATATONIA-SUBCHR/EXACERB
29212	DRUG HALLUCINOSIS	29524	CATATONIA-CHR/EXACERB
2922	PATHOLOGIC DRUG INTOX	29525	CATATONIA-REMISSION
29281	DRUG-INDUCED DELIRIUM	29530	PARANOID SCHIZO-UNSPEC
29282	DRUG-INDUCED DEMENTIA	29531	PARANOID SCHIZO-SUBCHR
29283	DRUG AMNESTIC SYNDROME	29532	PARANOID SCHIZO-CHRONIC
29284	DRUG DEPRESSIVE SYNDROME	29533	PARAN SCHIZO-SUBCHR/EXAC
29285	DRUG INDUCED SLEEP DISOR	29534	PARAN SCHIZO-CHR/EXACERB
29289	DRUG MENTAL DISORDER NEC	29535	PARANOID SCHIZO-REMISS
2929	DRUG MENTAL DISORDER NOS	29540	AC SCHIZOPHRENIA-UNSPEC
2930	ACUTE DELIRIUM	29541	AC SCHIZOPHRENIA-SUBCHR
2931	SUBACUTE DELIRIUM	29542	AC SCHIZOPHRENIA-CHR
29381	ORGANIC DELUSIONAL SYND	29543	AC SCHIZO-SUBCHR/EXACERB
29382	ORGANIC HALLUCINOSIS SYN	29544	AC SCHIZOPHR-CHR/EXACERB

29545	AC SCHIZOPHRENIA-REMISS	29635	RECUR DEPR PSYC-PART REM
29550	LATENT SCHIZOPHREN-UNSP	29636	RECUR DEPR PSYC-FULL REM
29551	LAT SCHIZOPHREN-SUBCHR	29640	BIPOL AFF, MANIC-UNSPEC
29552	LATENT SCHIZOPHREN-CHR	29641	BIPOLAR AFF, MANIC-MILD
29553	LAT SCHIZO-SUBCHR/EXACER	29642	BIPOLAR AFFEC, MANIC-MOD
29554	LATENT SCHIZO-CHR/EXACER	29643	BIPOL AFF, MANIC-SEVERE
29555	LAT SCHIZOPHREN-REMISS	29644	BIPOL MANIC-SEV W PSYCH
29560	RESID SCHIZOPHREN-UNSP	29645	BIPOL AFF MANIC-PART REM
29561	RESID SCHIZOPHREN-SUBCHR	29646	BIPOL AFF MANIC-FULL REM
29562	RESIDUAL SCHIZOPHREN-CHR	2967	BIPOLAR AFFECTIVE NOS
29563	RESID SCHIZO-SUBCHR/EXAC	29680	MANIC-DEPRESSIVE NOS
29564	RESID SCHIZO-CHR/EXACERB	29681	ATYPICAL MANIC DISORDER
29565	RESID SCHIZOPHREN-REMISS	29682	ATYPICAL DEPRESSIVE DIS
29570	SCHIZOAFFECTIVE-UNSPEC	29689	MANIC-DEPRESSIVE NEC
29571	SCHIZOAFFECTIVE-SUBCHR	29690	AFFECTIVE PSYCHOSIS NOS
29572	SCHIZOAFFECTIVE-CHRONIC	2970	PARANOID STATE, SIMPLE
29573	SCHIZOAFF-SUBCHR/EXACER	2971	PARANOIA
29574	SCHIZOAFECT-CHR/EXACER	2972	PARAPHRENIA
29575	SCHIZOAFFECTIVE-REMISS	2973	SHARED PARANOID DISORDER
29580	SCHIZOPHRENIA NEC-UNSPEC	2978	PARANOID STATES NEC
29581	SCHIZOPHRENIA NEC-SUBCHR	2979	PARANOID STATE NOS
29582	SCHIZOPHRENIA NEC-CHR	2980	REACT DEPRESS PSYCHOSIS
29583	SCHIZO NEC-SUBCHR/EXACER	2981	EXCITATIV TYPE PSYCHOSIS
29584	SCHIZO NEC-CHR/EXACERB	2982	REACTIVE CONFUSION
29585	SCHIZOPHRENIA NEC-REMISS	2983	ACUTE PARANOID REACTION
29590	SCHIZOPHRENIA NOS-UNSPEC	2984	PSYCHOGEN PARANOID PSYCH
29591	SCHIZOPHRENIA NOS-SUBCHR	2988	REACT PSYCHOSIS NEC/NOS
29592	SCHIZOPHRENIA NOS-CHR	2989	PSYCHOSIS NOS
29593	SCHIZO NOS-SUBCHR/EXACER	29900	INFANTILE AUTISM-ACTIVE
29594	SCHIZO NOS-CHR/EXACERB	29901	INFANTILE AUTISM-RESID
29595	SCHIZOPHRENIA NOS-REMISS	29910	DISINTEGR PSYCH-ACTIVE
29630	RECURR DEPR PSYCHOS-UNSP	29911	DISINTEGR PSYCH-RESIDUAL
29631	RECURR DEPR PSYCHOS-MILD	29980	CHILD PSYCHOS NEC-ACTIVE
29632	RECURR DEPR PSYCHOS-MOD	29981	CHILD PSYCHOS NEC-RESID
29633	RECUR DEPR PSYCH-SEVERE	29990	CHILD PSYCHOS NOS-ACTIVE
29634	REC DEPR PSYCH-PSYCHOTIC	29991	CHILD PSYCHOS NOS-RESID

*ICD-9-CM Anoxic Brain Injury diagnosis code:*

3481 ANOXIC BRAIN DAMAGE

*ICD-9-CM Metastatic Cancer diagnosis codes:*

1960	MAL NEO LYMPH-HEAD/NECK	1978	SEC MAL NEO GI NEC
1961	MAL NEO LYMPH-INTRATHOR	1980	SECOND MALIG NEO KIDNEY
1962	MAL NEO LYMPH INTRA-ABD	1981	SEC MALIG NEO URIN NEC
1963	MAL NEO LYMPH-AXILLA/ARM	1982	SECONDARY MALIG NEO SKIN
1965	MAL NEO LYMPH-INGUIN/LEG	1983	SEC MAL NEO BRAIN/SPINE
1966	MAL NEO LYMPH-INTRAPELV	1984	SEC MALIG NEO NERVE NEC
1968	MAL NEO LYMPH NODE-MULT	1985	SECONDARY MALIG NEO BONE
1969	MAL NEO LYMPH NODE NOS	1986	SECOND MALIG NEO OVARY
1970	SECONDARY MALIG NEO LUNG	1987	SECOND MALIG NEO ADRENAL
1971	SEC MAL NEO MEDIASTINUM	19881	SECOND MALIG NEO BREAST
1972	SECOND MALIG NEO PLEURA	19882	SECOND MALIG NEO GENITAL
1973	SEC MALIG NEO RESP NEC	19889	SECONDARY MALIG NEO NEC
1974	SEC MALIG NEO SM BOWEL	1990	MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE, DISSEMINATED
1975	SEC MALIG NEO LG BOWEL		
1976	SEC MAL NEO PERITONEUM		
1977	SECOND MALIG NEO LIVER		

*ICD-9-CM Lymphoid Malignancy diagnosis codes:*

20000	RETCLSRC UNSP XTRNDL ORG	20127	HODGKINS SARCOMA SPLEEN
20001	RETICULOSARCOMA HEAD	20128	HODGKINS SARCOMA MULT
20002	RETICULOSARCOMA THORAX	20140	LYM-HST UNSP XTRNDL ORGN
20003	RETICULOSARCOMA ABDOM	20141	HODG LYMPH-HISTIO HEAD
20004	RETICULOSARCOMA AXILLA	20142	HODG LYMPH-HISTIO THORAX
20005	RETICULOSARCOMA INGUIN	20143	HODG LYMPH-HISTIO ABDOM
20006	RETICULOSARCOMA PELVIC	20144	HODG LYMPH-HISTIO AXILLA
20007	RETICULOSARCOMA SPLEEN	20145	HODG LYMPH-HISTIO INGUIN
20008	RETICULOSARCOMA MULT	20146	HODG LYMPH-HISTIO PELVIC
20010	LYMPHSRC UNSP XTRNDL ORG	20147	HODG LYMPH-HISTIO SPLEEN
20011	LYMPHOSARCOMA HEAD	20148	HODG LYMPH-HISTIO MULT
20012	LYMPHOSARCOMA THORAX	20150	NDR SCLR UNSP XTRNDL ORG
20013	LYMPHOSARCOMA ABDOM	20151	HODG NODUL SCLERO HEAD
20014	LYMPHOSARCOMA AXILLA	20152	HODG NODUL SCLERO THORAX
20015	LYMPHOSARCOMA INGUIN	20153	HODG NODUL SCLERO ABDOM
20016	LYMPHOSARCOMA PELVIC	20154	HODG NODUL SCLERO AXILLA
20017	LYMPHOSARCOMA SPLEEN	20155	HODG NODUL SCLERO INGUIN
20018	LYMPHOSARCOMA MULT	20156	HODG NODUL SCLERO PELVIC
20020	BRKT TMR UNSP XTRNDL ORG	20157	HODG NODUL SCLERO SPLEEN
20021	BURKITTS TUMOR HEAD	20158	HODG NODUL SCLERO MULT
20022	BURKITTS TUMOR THORAX	20160	MXD CELR UNSP XTRNDL ORG
20023	BURKITTS TUMOR ABDOM	20161	HODGKINS MIX CELL HEAD
20024	BURKITTS TUMOR AXILLA	20162	HODGKINS MIX CELL THORAX
20025	BURKITTS TUMOR INGUIN	20163	HODGKINS MIX CELL ABDOM
20026	BURKITTS TUMOR PELVIC	20164	HODGKINS MIX CELL AXILLA
20027	BURKITTS TUMOR SPLEEN	20165	HODGKINS MIX CELL INGUIN
20028	BURKITTS TUMOR MULT	20166	HODGKINS MIX CELL PELVIC
20080	OTH VARN UNSP XTRNDL ORG	20167	HODGKINS MIX CELL SPLEEN
20081	MIXED LYMPHOSARC HEAD	20168	HODGKINS MIX CELL MULT
20082	MIXED LYMPHOSARC THORAX	20170	LYM DPLT UNSP XTRNDL ORG
20083	MIXED LYMPHOSARC ABDOM	20171	HODG LYMPH DEPLET HEAD
20084	MIXED LYMPHOSARC AXILLA	20172	HODG LYMPH DEPLET THORAX
20085	MIXED LYMPHOSARC INGUIN	20173	HODG LYMPH DEPLET ABDOM
20086	MIXED LYMPHOSARC PELVIC	20174	HODG LYMPH DEPLET AXILLA
20087	MIXED LYMPHOSARC SPLEEN	20175	HODG LYMPH DEPLET INGUIN
20088	MIXED LYMPHOSARC MULT	20176	HODG LYMPH DEPLET PELVIC
20100	HDGK PRG UNSP XTRNDL ORG	20177	HODG LYMPH DEPLET SPLEEN
20101	HODGKINS PARAGRAN HEAD	20178	HODG LYMPH DEPLET MULT
20102	HODGKINS PARAGRAN THORAX	20190	HDGK DIS UNSP XTRNDL ORG
20103	HODGKINS PARAGRAN ABDOM	20191	HODGKINS DIS NOS HEAD
20104	HODGKINS PARAGRAN AXILLA	20192	HODGKINS DIS NOS THORAX
20105	HODGKINS PARAGRAN INGUIN	20193	HODGKINS DIS NOS ABDOM
20106	HODGKINS PARAGRAN PELVIC	20194	HODGKINS DIS NOS AXILLA
20107	HODGKINS PARAGRAN SPLEEN	20195	HODGKINS DIS NOS INGUIN
20108	HODGKINS PARAGRAN MULT	20196	HODGKINS DIS NOS PELVIC
20110	HDGK GRN UNSP XTRNDL ORG	20197	HODGKINS DIS NOS SPLEEN
20111	HODGKINS GRANULOM HEAD	20198	HODGKINS DIS NOS MULT
20112	HODGKINS GRANULOM THORAX	202	OTHER MALIGNANT NEOPLASMS OF LYMPHOID AND HISTIOCYTIC TISSUE
20113	HODGKINS GRANULOM ABDOM	20200	NDLR LYM UNSP XTRNDL ORG
20114	HODGKINS GRANULOM AXILLA	20201	NODULAR LYMPHOMA HEAD
20115	HODGKINS GRANULOM INGUIN	20202	NODULAR LYMPHOMA THORAX
20116	HODGKINS GRANULOM PELVIC	20203	NODULAR LYMPHOMA ABDOM
20117	HODGKINS GRANULOM SPLEEN	20204	NODULAR LYMPHOMA AXILLA
20118	HODGKINS GRANULOM MULT	20205	NODULAR LYMPHOMA INGUIN
20120	HDGK SRC UNSP XTRNDL ORG	20206	NODULAR LYMPHOMA PELVIC
20121	HODGKINS SARCOMA HEAD	20207	NODULAR LYMPHOMA SPLEEN
20122	HODGKINS SARCOMA THORAX	20208	NODULAR LYMPHOMA MULT
20123	HODGKINS SARCOMA ABDOM	20210	MYCS FNG UNSP XTRNDL ORG
20124	HODGKINS SARCOMA AXILLA	20211	MYCOSIS FUNGOIDES HEAD
20125	HODGKINS SARCOMA INGUIN	20212	MYCOSIS FUNGOIDES THORAX
20126	HODGKINS SARCOMA PELVIC		



20213	MYCOSIS FUNGOIDES ABDOM	20292	LYMPHOID MAL NEC THORAX
20214	MYCOSIS FUNGOIDES AXILLA	20293	LYMPHOID MAL NEC ABDOM
20215	MYCOSIS FUNGOIDES INGUIN	20294	LYMPHOID MAL NEC AXILLA
20216	MYCOSIS FUNGOIDES PELVIC	20295	LYMPHOID MAL NEC INGUIN
20217	MYCOSIS FUNGOIDES SPLEEN	20296	LYMPHOID MAL NEC PELVIC
20218	MYCOSIS FUNGOIDES MULT	20297	LYMPHOID MAL NEC SPLEEN
20220	SZRY DIS UNSP XTRNDL ORG	20298	LYMPHOID MAL NEC MULT
20221	SEZARYS DISEASE HEAD	2030	MULTIPLE MYELOMA
20222	SEZARYS DISEASE THORAX	20300	MULT MYELM W/O REMISSION
20223	SEZARYS DISEASE ABDOM	20301	MULT MYELM W REMISSION
20224	SEZARYS DISEASE AXILLA	20302	MULT MYELOMA IN RELAPSE
20225	SEZARYS DISEASE INGUIN	2031	PLASMA CELL LEUKEMIA
20226	SEZARYS DISEASE PELVIC	20310	PLSM CELL LEUK W/O RMSON
20227	SEZARYS DISEASE SPLEEN	20311	PLSM CELL LEUK W RMSON
20228	SEZARYS DISEASE MULT	20312	PLSM CEL LEUK IN RELAPSE
20230	MLG HIST UNSP XTRNDL ORG	2038	IMMUNOPROLIFERAT NEO NEC
20231	MAL HISTIOCYTOSIS HEAD	20380	OTH IMNPRFL NPL W/O RMSN
20232	MAL HISTIOCYTOSIS THORAX	20381	OTH IMNPRFL NPL W RMSN
20233	MAL HISTIOCYTOSIS ABDOM	20382	OTH IMNPRFL NEO-RELAPSE
20234	MAL HISTIOCYTOSIS AXILLA	2040	ACUTE LYMPHOID LEUKEMIA
20235	MAL HISTIOCYTOSIS INGUIN	20400	ACT LYM LEUK W/O RMSION
20236	MAL HISTIOCYTOSIS PELVIC	20401	ACT LYM LEUK W RMSION
20237	MAL HISTIOCYTOSIS SPLEEN	20402	ACT LYMP LEUK IN RELAPSE
20238	MAL HISTIOCYTOSIS MULT	2041	CHR LYMPHOID LEUKEMIA
20240	LK RTCTL UNSP XTRNDL ORG	20410	CHR LYM LEUK W/O RMSION
20241	HAIRY-CELL LEUKEM HEAD	20411	CHR LYM LEUK W RMSION
20242	HAIRY-CELL LEUKEM THORAX	20412	CHR LYMP LEUK IN RELAPSE
20243	HAIRY-CELL LEUKEM ABDOM	2042	SUBAC LYMPHOID LEUKEMIA
20244	HAIRY-CELL LEUKEM AXILLA	20420	SBAC LYM LEUK W/O RMSION
20245	HAIRY-CELL LEUKEM INGUIN	20421	SBAC LYM LEUK W RMSION
20246	HAIRY-CELL LEUKEM PELVIC	20422	SBAC LYM LEUK IN RELAPSE
20247	HAIRY-CELL LEUKEM SPLEEN	2048	LYMPHOID LEUKEMIA NEC
20248	HAIRY-CELL LEUKEM MULT	20480	OTH LYM LEUK W/O RMSION
20250	LTR-SIWE UNSP XTRNDL ORG	20481	OTH LYM LEUK W RMSION
20251	LETTERER-SIWE DIS HEAD	20482	OTH LYM LEUK IN RELAPSE
20252	LETTERER-SIWE DIS THORAX	2049	LYMPHOID LEUKEMIA NOS
20253	LETTERER-SIWE DIS ABDOM	20490	UNS LYM LEUK W/O RMSION
20254	LETTERER-SIWE DIS AXILLA	20491	UNS LYM LEUK W RMSION
20255	LETTERER-SIWE DIS INGUIN	20492	LYMP LEUK NOS RELAPSE
20256	LETTERER-SIWE DIS PELVIC	2050	ACUTE MYELOID LEUKEMIA
20257	LETTERER-SIWE DIS SPLEEN	20500	ACT MYL LEUK W/O RMSION
20258	LETTERER-SIWE DIS MULT	20501	ACT MYL LEUK W RMSION
20260	MLG MAST UNSP XTRNDL ORG	20502	ACT MYEL LEUK IN RELAPSE
20261	MAL MASTOCYTOSIS HEAD	2051	CHRONIC MYELOID LEUKEMIA
20262	MAL MASTOCYTOSIS THORAX	20510	CHR MYL LEUK W/O RMSION
20263	MAL MASTOCYTOSIS ABDOM	20511	CHR MYL LEUK W RMSION
20264	MAL MASTOCYTOSIS AXILLA	20512	CHR MYEL LEUK IN RELAPSE
20265	MAL MASTOCYTOSIS INGUIN	2052	SUBACUT MYELOID LEUKEMIA
20266	MAL MASTOCYTOSIS PELVIC	20520	SBAC MYL LEUK W/O RMSION
20267	MAL MASTOCYTOSIS SPLEEN	20521	SBAC MYL LEUK W RMSION
20268	MAL MASTOCYTOSIS MULT	20522	SBAC MYL LEUK IN RELAPSE
20280	OTH LYMP UNSP XTRNDL ORG	2053	MYELOID SARCOMA
20281	LYMPHOMAS NEC HEAD	20530	MYL SRCOMA W/O RMSION
20282	LYMPHOMAS NEC THORAX	20531	MYL SRCOMA W RMSION
20283	LYMPHOMAS NEC ABDOM	20532	MYEL SARCOMA IN RELAPSE
20284	LYMPHOMAS NEC AXILLA	2058	MYELOID LEUKEMIA NEC
20285	LYMPHOMAS NEC INGUIN	20580	OTH MYL LEUK W/O RMSION
20286	LYMPHOMAS NEC PELVIC	20581	OTH MYL LEUK W RMSION
20287	LYMPHOMAS NEC SPLEEN	20582	OTH MYEL LEUK IN RELAPSE
20288	LYMPHOMAS NEC MULT	2059	MYELOID LEUKEMIA NOS
20290	UNSP LYM UNSP XTRNDL ORG	20590	UNS MYL LEUK W/O RMSION
20291	LYMPHOID MAL NEC HEAD	20591	UNS MYL LEUK W RMSION

20592	MYEL LEUK NOS IN RELAPSE	2072	MEGAKARYOCYTIC LEUKEMIA
2060	ACUTE MONOCYTIC LEUKEMIA	20720	MGKRYCYT LEUK W/O RMSION
20600	ACT MONO LEUK W/O RMSION	20721	MGKRYCYT LEUK W RMSION
20601	ACT MONO LEUK W RMSION	20722	MGKRYCYT LEUK IN RELAPSE
20602	ACT MONO LEUK IN RELAPSE	2078	SPECIFIED LEUKEMIA NEC
2061	CHR MONOCYTIC LEUKEMIA	20780	OTH SPF LEUK W/O REMSION
20610	CHR MONO LEUK W/O RMSION	20781	OTH SPF LEUK W REMSION
20611	CHR MONO LEUK W RMSION	20782	OTH SPF LEUK IN RELAPSE
20612	CHR MONO LEUK IN RELAPSE	2080	ACT LEUK UNS CL W/O RMSN
2062	SUBAC MONOCYTIC LEUKEMIA	20800	ACT LEUK UNS CL W/O RMSN
20620	SBAC MONO LEUK W/O RMSON	20801	ACT LEUK UNS CL W RMSON
20621	SBAC MONO LEUK W RMSION	20802	AC LEUK UNS CL RELAPSE
20622	SBAC MONO LEU IN RELAPSE	2081	CHRONIC LEUKEMIA NOS
2068	MONOCYTIC LEUKEMIA NEC	20810	CHR LEUK UNS CL W/O RMSN
20680	OTH MONO LEUK W/O RMSION	20811	CHR LEUK UNS CL W RMSON
20681	OTH MONO LEUK W RMSION	20812	CH LEU UNS CL IN RELAPSE
20682	OTH MONO LEUK IN RELAPSE	2082	SUBACUTE LEUKEMIA NOS
2069	MONOCYTIC LEUKEMIA NOS	20820	SBAC LEUK UNS CL W/O RMS
20690	UNS MONO LEUK W/O RMSION	20821	SBAC LEUK UNS CL W RMSON
20691	UNS MONO LEUK W RMSION	20822	SBAC LEU UNS CL-RELAPSE
20692	MONO LEUK NOS RELAPSE	2088	LEUKEMIA-UNSPEC CELL NEC
2070	ACUTE ERYTHREMIA	20880	OTH LEUK UNS CL W/O RMSN
20700	ACT ERTH/ERYLK W/O RMSON	20881	OTH LEUK UNS CL W RMSON
20701	ACT ERTH/ERYLK W RMSON	20882	OTH LEUK UNS CL-RELAPSE
20702	AC ERTH/ERYLK IN RELAPSE	2089	LEUKEMIA-UNSPEC CELL NOS
2071	CHRONIC ERYTHREMIA	20890	LEUKEMIA NOS W/O REMSION
20710	CHR ERYTHRM W/O REMISION	20891	LEUKEMIA NOS W REMISSION
20711	CHR ERYTHRM W REMISION	20892	LEUKEMIA NOS IN RELAPSE
20712	CHR ERYTHRMIA IN RELAPSE		

*ICD-9-CM Bone Malignancy diagnosis codes:*

1700	MAL NEO SKULL/FACE BONE	1705	MAL NEO BONES WRIST/HAND
1701	MALIGNANT NEO MANDIBLE	1706	MAL NEO PELVIC GIRDLE
1702	MALIG NEO VERTEBRAE	1707	MAL NEO LONG BONES LEG
1703	MAL NEO RIBS/STERN/CLAV	1708	MAL NEO BONES ANKLE/FOOT
1704	MAL NEO LONG BONES ARM	1709	MALIG NEOPL BONE NOS