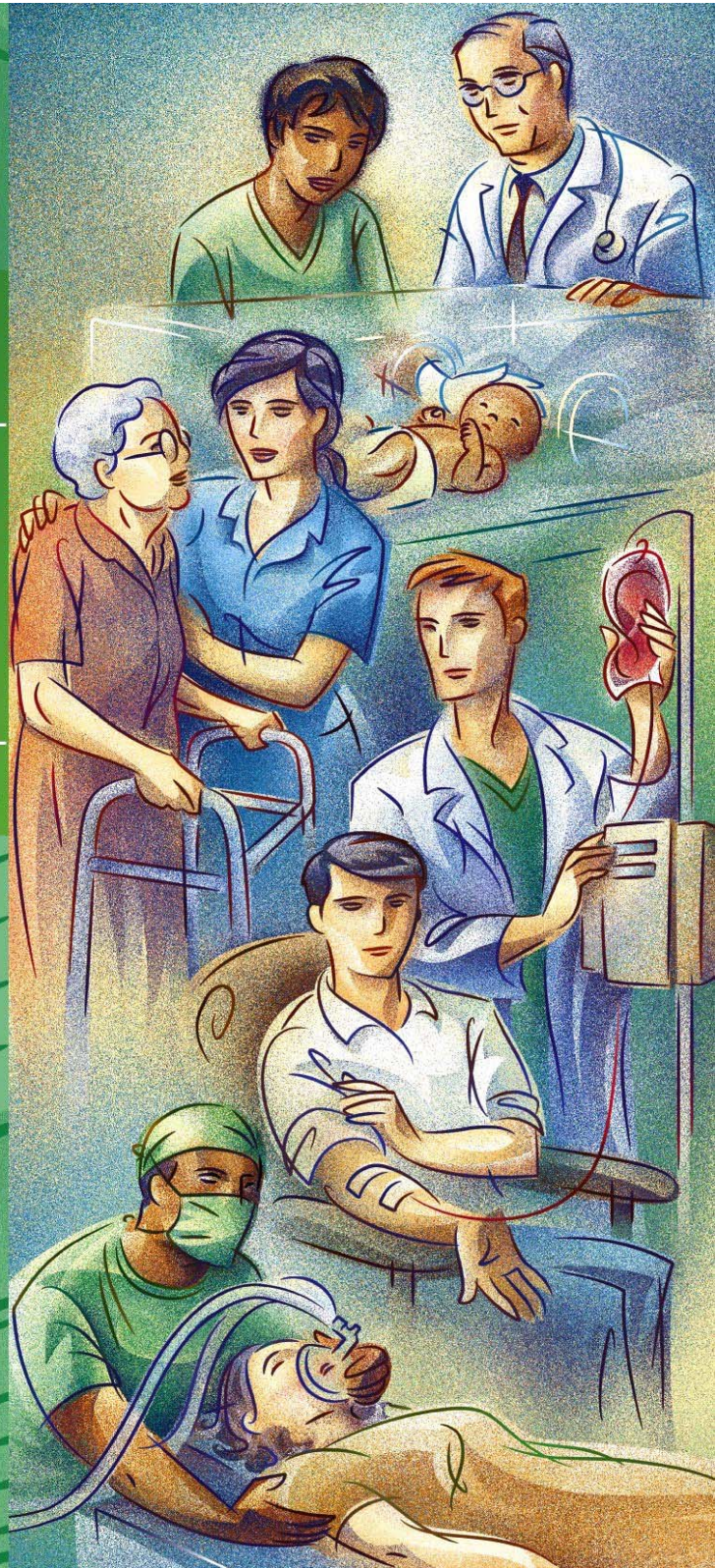




AHRQ QUALITY INDICATORS

# Patient Safety Indicators

Technical Specifications



AHRQ Quality Indicators

Patient Safety Indicators:  
Technical Specifications

Department of Health and Human Services  
Agency for Healthcare Research and Quality  
<http://www.qualityindicators.ahrq.gov>

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## Patient Safety Indicators – Detailed Definitions

For ICD-9-CM codes introduced after October 1995, the date of introduction is indicated after the code label, e.g., OCT 04.

### Complications of Anesthesia (PSI 1)

#### Numerator:

Discharges with ICD-9-CM diagnosis codes for anesthesia complications in any secondary diagnosis field.

*ICD-9-CM Anesthesia Complications diagnosis codes:*

Adverse effects in therapeutic use, other central nervous system depressants and anesthetics:

E8763 ENDOTRACHEAL TUBE WRONGLY PLACE DURING ANESTHETIC PROCEDURE  
E9381 HALOTHANE  
E9382 OTHER GASEOUS ANESTHETICS  
E9383 INTRAVENOUS ANESTHETICS  
E9384 OTHER AND UNSPECIFIED GENERAL ANESTHETICS  
E9385 SURFACE AND INFILTRATION ANESTHETICS  
E9386 PERIPHERAL NERVE AND PLEXUS BLOCKING ANESTHETICS  
E9387 SPINAL ANESTHETICS  
E9389 OTHER AND UNSPECIFIED LOCAL ANESTHETICS

Poisoning by other central nervous system depressants and anesthetics:

9681 HALOTHANE  
9682 OTHER GASEOUS ANESTHETICS  
9683 INTRAVENOUS ANESTHETICS  
9684 OTHER AND UNSPECIFIED GENERAL ANESTHETICS  
9687 SPINAL ANESTHETICS  
E8551 ACCIDENTAL POISONING, OTHER NERVOUS SYSTEM DEPRESSANTS

#### Denominator:

All surgical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium), defined by specific DRGs and an ICD-9-CM code for an operating room procedure.

See [Appendix A: Operating Room Procedure Codes](#)

See [Appendix B: Surgical Discharge DRGs](#)

Exclude cases:

- with ICD-9-CM diagnosis codes for anesthesia complications (see Numerator) in the principal diagnosis field
- with codes for self-inflicted injury, poisoning due to anesthetics (E8551, 9681-4, 9687) **and** any diagnosis code for active drug dependence, or active nondependent abuse of drugs

See [Appendix L: Self-Inflicted Injury Diagnosis Codes](#)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

**Complications of Anesthesia (PSI 1)**

*ICD-9-CM Active Drug Dependence diagnosis codes:*

- 30400 OPIOID TYPE DEPENDENCE - UNSPECIFIED
- 30401 OPIOID TYPE DEPENDENCE - CONTINUOUS
- 30402 OPIOID TYPE DEPENDENCE - EPISODIC
- 30410 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC DEPENDENCE - UNSPECIFIED
- 30411 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC DEPENDENCE - CONTINUOUS
- 30412 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC DEPENDENCE - EPISODIC
- 30420 COCAINE DEPENDENCE - UNSPECIFIED
- 30421 COCAINE DEPENDENCE - CONTINUOUS
- 30422 COCAINE DEPENDENCE - EPISODIC
- 30430 CANNABIS DEPENDENCE - UNSPECIFIED
- 30431 CANNABIS DEPENDENCE - CONTINUOUS
- 30432 CANNABIS DEPENDENCE - EPISODIC
- 30440 AMPHETAMINE AND OTHER PSYCHO STIMULANT DEPENDENCE - UNSPECIFIED
- 30441 AMPHETAMINE AND OTHER PSYCHO STIMULANT DEPENDENCE - CONTINUOUS
- 30442 AMPHETAMINE AND OTHER PSYCHO STIMULANT DEPENDENCE - EPISODIC
- 30450 HALLUCINOGEN DEPENDENCE - UNSPECIFIED
- 30451 HALLUCINOGEN DEPENDENCE - CONTINUOUS
- 30452 HALLUCINOGEN DEPENDENCE - EPISODIC
- 30460 OTHER SPECIFIED DRUG DEPENDENCE - UNSPECIFIED
- 30461 OTHER SPECIFIED DRUG DEPENDENCE - CONTINUOUS
- 30462 OTHER SPECIFIED DRUG DEPENDENCE - EPISODIC
- 30470 COMBINATIONS OF OPIOID TYPE DRUG W/ ANY OTHER - UNSPECIFIED
- 30471 COMBINATIONS OF OPIOID TYPE DRUG W/ ANY OTHER - CONTINUOUS
- 30472 COMBINATIONS OF OPIOID TYPE DRUG W/ ANY OTHER - EPISODIC
- 30480 COMBINATIONS OF DRUG EXCLUDING OPIOID TYPE DRUG - UNSPECIFIED
- 30481 COMBINATIONS OF DRUG EXCLUDING OPIOID TYPE DRUG - CONTINUOUS
- 30482 COMBINATIONS OF DRUG EXCLUDING OPIOID TYPE DRUG - EPISODIC
- 30490 UNSPECIFIED DRUG DEPENDENCE - UNSPECIFIED
- 30491 UNSPECIFIED DRUG DEPENDENCE - CONTINUOUS
- 30492 UNSPECIFIED DRUG DEPENDENCE - EPISODIC

*ICD-9-CM Active Nondependent Abuse of Drugs diagnosis codes:*

- 30520 CANNABIS ABUSE - UNSPECIFIED
- 30521 CANNABIS ABUSE - CONTINUOUS
- 30522 CANNABIS ABUSE - EPISODIC
- 30530 HALLUCINOGEN ABUSE - UNSPECIFIED
- 30531 HALLUCINOGEN ABUSE - CONTINUOUS
- 30532 HALLUCINOGEN ABUSE - EPISODIC
- 30540 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC ABUSE - UNSPECIFIED
- 30541 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC ABUSE - CONTINUOUS
- 30542 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC ABUSE - EPISODIC
- 30550 OPIOID ABUSE - UNSPECIFIED
- 30551 OPIOID ABUSE - CONTINUOUS
- 30552 OPIOID ABUSE - EPISODIC
- 30560 COCAINE ABUSE - UNSPECIFIED
- 30561 COCAINE ABUSE - CONTINUOUS
- 30562 COCAINE ABUSE - EPISODIC
- 30570 AMPHETAMINE OR RELATED ACTING SYMPATHOMIMETIC ABUSE - UNSPECIFIED
- 30571 AMPHETAMINE OR RELATED ACTING SYMPATHOMIMETIC ABUSE - CONTINUOUS
- 30572 AMPHETAMINE OR RELATED ACTING SYMPATHOMIMETIC ABUSE - EPISODIC
- 30580 ANTIDEPRESSANT TYPE ABUSE - UNSPECIFIED
- 30581 ANTIDEPRESSANT TYPE ABUSE - CONTINUOUS
- 30582 ANTIDEPRESSANT TYPE ABUSE - EPISODIC
- 30590 OTHER, MIXED, OR UNSPECIFIED DRUG ABUSE - UNSPECIFIED
- 30591 OTHER, MIXED, OR UNSPECIFIED DRUG ABUSE - CONTINUOUS
- 30592 OTHER, MIXED, OR UNSPECIFIED DRUG ABUSE - EPISODIC

**Death in Low-Mortality DRGs (PSI 2)**

**Numerator:**

Discharges with disposition of “deceased”.

**Denominator:**

Discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium), in DRGs with less than 0.5% mortality rate, based on the 2001-2003 SID low-mortality DRG. If a DRG is divided into “without/with complications,” both DRGs must have mortality rates below 0.5% to qualify for inclusion.

*Low-Mortality DRGs:*

- 006 CARPAL TUNNEL RELEASE
- 021 VIRAL MENINGITIS
- 036 RETINAL PROCEDURES
- 037 ORBITAL PROCEDURES
- 039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY
- 040 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE >17 (OCT 05)
- 042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LENS
- 043 HYPHEMA
- 044 ACUTE MAJOR EYE INFECTIONS
- 045 NEUROLOGICAL EYE DISORDERS
- 049 MAJOR HEAD & NECK PROCEDURES (OCT 05)
- 050 SIALOADENECTOMY
- 051 SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY
- 052 CLEFT LIP & PALATE REPAIR
- 053 SINUS & MASTOID PROCEDURES AGE >17
- 055 MISCELLANEOUS EAR, NOSE, MOUTH & THROAT PROCEDURES
- 056 RHINOPLASTY (OCT 05)
- 057 T&A PROC, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17
- 059 TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17 (OCT 05)
- 061 MYRINGOTOMY W TUBE INSERTION AGE >17 (OCT 05)
- 063 OTHER EAR, NOSE, MOUTH & THROAT O.R. PROCEDURES
- 065 DYSEQUILIBRIUM
- 067 EPIGLOTTITIS (OCT 05)
- 068 OTITIS MEDIA & URI AGE >17 W CC
- 069 OTITIS MEDIA & URI AGE >17 WO CC (OCT 05)
- 072 NASAL TRAUMA & DEFORMITY (OCT 05)
- 096 BRONCHITIS & ASTHMA AGE >17 W CC
- 097 BRONCHITIS & ASTHMA AGE >17 WO CC
- 118 CARDIAC PACEMAKER DEVICE REPLACEMENT (OCT 05)
- 125 CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH WO COMPLEX
- 134 HYPERTENSION
- 140 ANGINA PECTORIS
- 141 SYNCOPE & COLLAPSE W CC
- 142 SYNCOPE & COLLAPSE WO CC
- 143 CHEST PAIN
- 166 APPENDECTOMY WO COMPLICATED PRINCIPAL DIAG W CC
- 167 APPENDECTOMY WO COMPLICATED PRINCIPAL DIAG WO CC
- 177 UNCOMPLICATED PEPTIC ULCER W CC (OCT 05)
- 178 UNCOMPLICATED PEPTIC ULCER WO CC (OCT 05)
- 179 INFLAMMATORY BOWEL DISEASE (OCT 05)
- 187 DENTAL EXTRACTIONS & RESTORATIONS (OCT 05)
- 223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTREMITY PROC
- 224 SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC, WO
- 225 FOOT PROCEDURES
- 228 MAJOR THUMB OR JOINT PROC, OR OTH HAND OR WRIST PROC W CC
- 229 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC, WO CC

**Death in Low-Mortality DRGs (PSI 2)**

231	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR (OCT 05)
237	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH (OCT 05)
232	ARTHROSCOPY
244	BONE DISEASES & SPECIFIC ARTHROPATHIES W CC (OCT 05)
245	BONE DISEASES & SPECIFIC ARTHROPATHIES WO CC (OCT 05)
246	NON-SPECIFIC ARTHROPATHIES
247	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE (OCT 05)
257	TOTAL MASTECTOMY FOR MALIGNANCY W CC (OCT 05)
258	TOTAL MASTECTOMY FOR MALIGNANCY WO CC (OCT 05)
261	BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY & LOCAL EXC
262	BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNANCY
267	PERIANAL & PILONIDAL PROCEDURES
268	SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES (OCT 05)
276	NON-MALIGANT BREAST DISORDERS
288	O.R. PROCEDURES FOR OBESITY
289	PARATHYROID PROCEDURES
290	THYROID PROCEDURES
291	THYROGLOSSAL PROCEDURES
295	DIABETES AGE 0-35
323	URINARY STONES W CC, &/OR ESW LITHOTRIPSY
324	URINARY STONES WO CC
334	MAJOR MALE PELVIC PROCEDURES W CC
335	MAJOR MALE PELVIC PROCEDURES WO CC
336	TRANSURETHRAL PROSTATECTOMY W CC
337	TRANSURETHRAL PROSTATECTOMY WO CC
339	TESTES PROCEDURES, NON-MALIGNANCY AGE >17
341	PENIS PROCEDURES
342	CIRCUMCISION AGE >17
350	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM
356	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES
358	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W CC
359	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY WO CC
360	VAGINA, CERVIX & VULVA PROCEDURES
361	LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION
362	ENDOSCOPIC TUBAL INTERRUPTION
364	D&C, CONIZATION EXCEPT FOR MALIGNANCY
369	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS
370	CESAREAN SECTION W CC
371	CESAREAN SECTION WO CC
372	VAGINAL DELIVERY W COMPLICATING DIAGNOSES
373	VAGINAL DELIVERY WO COMPLICATING DIAGNOSES
374	VAGINAL DELIVERY W STERILIZATION &/OR D&C
376	POSTPARTUM & POST ABORTION DIAGNOSES WO O.R. PROCEDURE
377	POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PROCEDURE
378	ECTOPIC PREGNANCY
379	THREATENED ABORTION
380	ABORTION WO D&C
381	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY
382	FALSE LABOR
383	OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS
384	OTHER ANTEPARTUM DIAGNOSES WO MEDICAL COMPLICATIONS
421	VIRAL ILLNESS AGE >17
426	DEPRESSIVE NEUROSES
427	NEUROSES EXCEPT DEPRESSIVE
428	DISORDERS OF PERSONALITY & IMPULSE CONTROL
430	PSYCHOSES
431	CHILDHOOD MENTAL DISORDERS
432	OTHER MENTAL DISORDER DIAGNOSES
433	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA
434	ALC/DRUG ABUSE OR DEPEND, DETOX OR OTH SYMPT TREAT W CC

### Death in Low-Mortality DRGs (PSI 2)

435	ALC/DRUG ABUSE OR DEPEND, DETOX OR OTH SYMPT TREAT WO CC
436	ALC/DRUG DEPENDENCE W REHABILITATION THERAPY (NO LONGER
437	ALC/DRUG DEPENDENCE, COMBINED REHAB & DETOX THERAPY (NO
439	SKIN GRAFTS FOR INJURIES
441	HAND PROCEDURES FOR INJURIES
447	ALLERGIC REACTIONS AGE >17
471	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMI
491	MAJOR JOINT & LIMB REATTACHMENT PROCEDURES OF UPPER EXTR
496	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION
499	BACK & NECK PROCEDURES EXCEPT SPINAL FUSION W CC
500	BACK & NECK PROCEDURES EXCEPT SPINAL FUSION WO CC
503	KNEE PROCEDURES WO PDX OF INFECTION
517	PERC CARDIO PROC W NON-DRUG ELUTING STENT WO AMI
521	ALCOHOL/DRUG ABUSE OR DEPENDENCE W CC
522	ALC/DRUG ABUSE OR DEPEND W REHABILITATION THERAPY WO CC
523	ALC/DRUG ABUSE OR DEPEND WO REHABILITATION THERAPY WO CC
524	TRANSIENT ISCHEMIA
527	PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT WO A
536	CARDIAC DEFIB IMPLANT W CARDIAC CATH WO AMI/HF/SHOCK

Exclude patients with any code for trauma, immunocompromised state, or cancer.

See [Appendix C: ICD-9-CM Trauma Diagnosis Codes](#)

See [Appendix D: ICD-9-CM Codes for Immunocompromised States](#)

See [Appendix E: Cancer Codes](#)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

### Decubitus Ulcer (PSI 3)

#### Numerator:

Discharges with ICD-9-CM code of decubitus ulcer in any secondary diagnosis field.

#### *ICD-9-CM Decubitus Ulcer Diagnosis Codes:*

7070*	DECUBITUS ULCER
70700	DECUBITUS ULCER SITE NOS (OCT 04)
70701	DECUBITUS ULCER, ELBOW (OCT 04)
70702	DECUBITUS ULCER, UP BACK (OCT 04)
70703	DECUBITUS ULCER, LOW BACK (OCT 04)
70704	DECUBITUS ULCER, HIP (OCT 04)
70705	DECUBITUS ULCER, BUTTOCK (OCT 04)
70706	DECUBITUS ULCER, ANKLE (OCT 04)
70707	DECUBITUS ULCER, HEEL (OCT 04)
70709	DECUBITUS ULCER, SITE NEC (OCT 04)

\*No longer valid in FY2005

#### Denominator:

All medical and surgical discharges age 18 years and older defined by specific DRGs.

See [Appendix B: Surgical Discharge DRGs](#)

See [Appendix F: Medical Discharge DRGs](#)



## Decubitus Ulcer (PSI 3)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

Exclude cases:

- with length of stay of less than 5 days
- with ICD-9-CM code of decubitus ulcer (see Numerator) in the principal diagnosis field
- MDC 9 (Skin, Subcutaneous Tissue, and Breast)
- MDC 14 (pregnancy, childbirth, and puerperium)
- with any diagnosis of hemiplegia, paraplegia, or quadriplegia
- with ICD-9-CM code of spina bifida or anoxic brain damage
- with an ICD-9-CM procedure code for debridement or pedicle graft **before or on the same day** as the major operating room procedure (surgical cases only)
- admitted from a long-term care facility (SID Admission Source=3)
- transferred from an acute care facility (SID Admission Source=2)

See [Appendix A: Operating Room Procedure Codes](#)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

*ICD-9-CM Hemiplegia, Paraplegia, or Quadriplegia diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits):*

3420	FLACCID HEMIPLEGIA
3421	SPASTIC HEMIPLEGIA
3428	OTHER SPECIFIED HEMIPLEGIA
3429	HEMIPLEGIA, UNSPECIFIED
3430	INFANTILE CEREBRAL PALSY, DIPLEGIC
3431	INFANTILE CEREBRAL PALSY, HEMIPLEGIC
3432	INFANTILE CEREBRAL PALSY, QUADRIPLEGIC
3433	INFANTILE CEREBRAL PALSY, MONOPLEGIC
3434	INFANTILE CEREBRAL PALSY INFANTILE HEMIPLEGIA
3438	INFANTILE CEREBRAL PALSY OTHER SPECIFIED INFANTILE CEREBRAL PALSY
3439	INFANTILE CEREBRAL PALSY, INFANTILE CEREBRAL PALSY, UNSPECIFIED
3440	QUADRIPLEGIA AND QUADRIPARESIS
3441	PARAPLEGIA
3442	DIPLEGIA OF UPPER LIMBS
3443	MONOPLEGIA OF LOWER LIMB
3444	MONOPLEGIA OF UPPER LIMB
3445	UNSPECIFIED MONOPLEGIA
3446	CAUDA EQUINA SYNDROME
3448	OTHER SPECIFIED PARALYTIC SYNDROMES
3449	PARALYSIS, UNSPECIFIED
4382	HEMIPLEGIA/HEMIPARESIS
4383	MONOPLEGIA OF UPPER LIMB
4384	MONOPLEGIA OF LOWER LIMB
4385	OTHER PARALYTIC SYNDROME

*ICD-9-CM Spina Bifida or Anoxic Brain Damage diagnosis codes*

3481	ANOXIC BRAIN DAMAGE
74100	SPINA BIFIDA, W HYDROCEPHALUS UNSPECIFIED REGION
74101	SPINA BIFIDA, W HYDROCEPHALUS CERVICAL REGION
74102	SPINA BIFIDA, W HYDROCEPHALUS DORSAL REGION
74103	SPINA BIFIDA, W HYDROCEPHALUS LUMBAR REGION
74190	SPINA BIFIDA, W/O HYDROCEPHALUS UNSPECIFIED REGION
74191	SPINA BIFIDA, W/O HYDROCEPHALUS CERVICAL REGION

<b>Decubitus Ulcer (PSI 3)</b>	
74192	SPINA BIFIDA, W/O HYDROCEPHALUS DORSAL REGION
74193	SPINA BIFIDA, W/O HYDROCEPHALUS LUMBAR REGION
7685	SEVERE BIRTH ASPHYXIA
<i>ICD-9-CM procedure code for debridement or pedicle graft</i>	
8345	OTHER MYECTOMY
8622	EXC WOUND DEBRIDEMENT
8628	NONEXCIS DEBRIDEMENT WND
8670	PEDICLE GRAFT/FLAP NOS
8671	CUT & PREP PEDICLE GRAFT
8672	PEDICLE GRAFT ADVANCEMEN
8674	ATTACH PEDICLE GRAFT NEC
8675	REVISION OF PEDICLE GRFT
<i>SID Admission source</i>	
Admission source is recorded as acute care facility (SID ASOURCE=2)	
Admission source is recorded as long-term care facility (SID ASOURCE=3)	

<b>Failure to Rescue (PSI 4)</b>	
<b>Numerator:</b>	
All discharges with a disposition of "deceased".	
<b>Denominator:</b>	
Discharges over age 18 with potential complications of care listed in failure to rescue (FTR) definition (e.g., pneumonia, DVT/PE, sepsis, acute renal failure, shock/cardiac arrest, or GI hemorrhage/acute ulcer).	
Exclude cases:	
<ul style="list-style-type: none"> <li>• Age 75 years and older</li> <li>• neonatal patients in MDC 15</li> <li>• transferred to an acute care facility (SID Discharge Disposition = 2)</li> <li>• transferred from an acute care facility (SID Admission Source = 2)</li> <li>• admitted from a long-term care facility (SID Admission Source=3)</li> </ul>	
<b>NOTE: Additional exclusion criteria is specific to each diagnosis.</b>	
<u>FTR 1 - Acute renal failure</u>	
<i>ICD-9-CM Acute Renal Failure diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits):</i>	
5845	W/ LESION OF TUBULAR NECROSIS
5846	W/ LESION OF RENAL CORTICAL NECROSIS
5847	W/ LESION OF RENAL MEDULLARY NECROSIS
5848	W/ OTHER SPECIFIED PATHOLOGICAL LESION
5849	ACUTE RENAL FAILURE, UNSPECIFIED
6393	COMPLICATIONS FOLLOWING ABORTION AND ECTOPIC AND MOLAR PREGNANCIES, RENAL FAILURE
66930	ACUTE RENAL FAILURE FOLLOWING LABOR AND DELIVERY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE
66932	ACUTE RENAL FAILURE FOLLOWING LABOR AND DELIVERY, DELIVERED, W/ MENTION OF POSTPARTUM COMPLICATION

**Failure to Rescue (PSI 4)**

66934 ACUTE RENAL FAILURE FOLLOWING LABOR AND DELIVERY, POSTPARTUM CONDITION OR COMPLICATION

Exclude cases with principal diagnosis of hemorrhage, GI hemorrhage, shock, trauma, acute renal failure, abortion-related renal failure, acute myocardial infarction, cardiac arrest, or cardiac arrhythmia.

- See [Appendix G: Hemorrhage Diagnosis Codes](#)
- See [Appendix I: ICD-9-CM Gastrointestinal \(GI\) Hemorrhage Diagnosis Codes](#)
- See [Appendix H: Shock Diagnosis Codes](#)
- See [Appendix C: ICD-9-CM Trauma Diagnosis Codes](#)
- See [Appendix J: Trauma DRGs](#)
- See [Appendix M: Acute Myocardial Infarction \(AMI\) Diagnosis Codes](#)
- See [Appendix N: Cardiac Arrhythmia Diagnosis Codes](#)

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*ICD-9-CM Abortion-related Renal Failure diagnosis codes:*

- 63430 SPONTANEOUS ABORTION W/ RENAL FAILURE - UNSPECIFIED
- 63431 SPONTANEOUS ABORTION W/ RENAL FAILURE - INCOMPLETE
- 63432 SPONTANEOUS ABORTION W/ RENAL FAILURE - COMPLETE
- 63530 LEGAL ABORTION W/ RENAL FAILURE - UNSPECIFIED
- 63531 LEGAL ABORTION W/ RENAL FAILURE - INCOMPLETE
- 63532 LEGAL ABORTION W/ RENAL FAILURE - COMPLETE
- 63630 ILLEGAL ABORTION W/ RENAL FAILURE - UNSPECIFIED
- 63631 ILLEGAL ABORTION W/ RENAL FAILURE - INCOMPLETE
- 63632 ILLEGAL ABORTION W/ RENAL FAILURE - COMPLETE
- 63730 ABORTION NOS W/ RENAL FAILURE - UNSPECIFIED
- 63731 ABORTION NOS W/ RENAL FAILURE - INCOMPLETE
- 63732 ABORTION NOS W/ RENAL FAILURE - COMPLETE
- 6383 ATTEMPTED ABORTION W/ RENAL FAILURE

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

- 4275 CARDIAC ARREST

FTR 2 - DVT/PE

*Include ICD-9-CM DVT/PE diagnosis codes:*

- See [Appendix K: Pulmonary Embolism/Deep Vein Thrombosis](#)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

Exclude cases with principal diagnosis of pulmonary embolism or deep vein thrombosis, abortion related and postpartum obstetric pulmonary embolism.

*ICD-9-CM Abortion-related and Postpartum Obstetric Pulmonary Embolism diagnosis codes:*

- 63460 SPONTANEOUS ABORTION W/ EMBOLISM - UNSPECIFIED
- 63461 SPONTANEOUS ABORTION W/ EMBOLISM - INCOMPLETE
- 63462 SPONTANEOUS ABORTION W/ EMBOLISM - COMPLETE
- 63560 LEGAL ABORTION W/ EMBOLISM - UNSPECIFIED
- 63561 LEGAL ABORTION W/ EMBOLISM - INCOMPLETE
- 63562 LEGAL ABORTION W/ EMBOLISM - COMPLETE

**Failure to Rescue (PSI 4)**

- 63660 ILLEGAL ABORTION W/ EMBOLISM - UNSPECIFIED
- 63661 ILLEGAL ABORTION W/ EMBOLISM - INCOMPLETE
- 63662 ILLEGAL ABORTION W/ EMBOLISM - COMPLETE
- 63760 ABORTION NOS W/ EMBOLISM - UNSPECIFIED
- 63761 ABORTION NOS W/ EMBOLISM - INCOMPLETE
- 63762 ABORTION NOS W/ EMBOLISM - COMPLETE
- 6386 ATTEMPTED ABORTION W/ EMBOLISM
- 6396 POSTABORTION EMBOLISM
- 67320 OBSTETRICAL BLOOD-CLOT EMBOLISM, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE
- 67321 OBSTETRICAL BLOOD-CLOT EMBOLISM, DELIVERED, W/ OR W/O MENTION OF ANTEPARTUM CONDITION
- 67322 OBSTETRICAL BLOOD-CLOT EMBOLISM, DELIVERED, W/ MENTION OF POSTPARTUM COMPLICATION
- 67323 OBSTETRICAL BLOOD-CLOT EMBOLISM, ANTEPARTUM CONDITION OR COMPLICATION
- 67324 OBSTETRICAL BLOOD-CLOT EMBOLISM, POSTPARTUM CONDITION OR COMPLICATION

FTR 3 - Pneumonia

*Include ICD-9-CM Pneumonia diagnosis codes:*

- 4820 PNEUMONIA DUE TO KLEBSIELLA PNEUMONIAE
- 4821 PNEUMONIA DUE TO PSEUDOMONAS
- 4822 PNEUMONIA DUE TO HEMOPHILUS INFLUENZAE [H. INFLUENZAE]
- 4823 PNEUMONIA DUE TO STREPTOCOCCUS
- 48230 PNEUMONIA DUE TO STREPTOCOCCUS – STREPTOCOCCUS, UNSPECIFIED
- 48231 PNEUMONIA DUE TO STREPTOCOCCUS – GROUP A
- 48232 PNEUMONIA DUE TO STREPTOCOCCUS – GROUP B
- 48239 PNEUMONIA DUE TO STREPTOCOCCUS – OTHER STREPTOCOCCUS
- 4824 PNEUMONIA DUE TO STAPHYLOCOCCUS
- 48240 PNEUMONIA DUE TO STAPHYLOCOCCUS – PNEUMONIA DUE TO STAPHYLOCOCCUS, UNSPECIFIED
- 48241 PNEUMONIA DUE TO STAPHYLOCOCCUS – PNEUMONIA DUE TO STAPHYLOCOCCUS AUREUS
- 48249 PNEUMONIA DUE TO STAPHYLOCOCCUS – OTHER STAPHYLOCOCCUS PNEUMONIA
- 4828 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA
- 48281 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – ANAEROBES
- 48282 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – EXCHERICHIA COLI [E COLI]
- 48283 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – OTHER GRAM-NEGATIVE BACTERIA
- 48284 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – LEGIONNAIRES' DISEASE
- 48289 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – OTHER SPECIFIED BACTERIA
- 4829 BACTERIAL PNEUMONIA UNSPECIFIED
- 485 BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED
- 486 PNEUMONIA, ORGANISM UNSPECIFIED
- 5070 DUE TO INHALATION OF FOOD OR VOMITUS
- 514 PULMONARY CONGESTION AND HYPOSTASIS

Exclude cases with principal diagnosis code for pneumonia or 997.3, any diagnosis code for viral pneumonia, MDC 4, and any diagnosis of immunocompromised state.

*ICD-9-CM Viral Pneumonia diagnosis codes:*

- 4800 ADENOVIRAL PNEUMONIA
- 4801 RESPIRATORY SYNCYTIAL VIRAL PNEUMONIA
- 4802 PARAINFLUENZA VIRAL PNEUMONIA
- 4803 PNEUMONIA DUE TO SARS (OCT 03)
- 4808 VIRAL PNEUMONIA NOT ELSEWHERE CLASSIFIED
- 4809 VIRAL PNEUMONIA UNSPECIFIED
- 481 PNEUMOCOCCAL PNEUMONIA
- 4830 PNEUMONIA DUE TO MYCOPLASMA PNEUMONIAE

#### Failure to Rescue (PSI 4)

4831 PNEUMONIA DUE TO CHLAMYDIA  
4838 PNEUMONIA DUE TO OTHER SPECIFIED ORGANISM  
4841 PNEUMONIA IN CYTOMEGALIC INCLUSION DISEASE  
4843 PNEUMONIA IN WHOOPING COUGH  
4845 PNEUMONIA IN ANTHRAX  
4846 PNEUMONIA IN ASPERGILLOSIS  
4847 PNEUMONIA IN OTHER SYSTEMIC MYCOSES  
4848 PNEUMONIA IN INFECTIOUS DISEASE NOT ELSEWHERE CLASSIFIED  
4870 INFLUENZA W/ PNEUMONIA  
4871 FLU W/ RESPIRATORY MANIFEST NOT ELSEWHERE CLASSIFIED  
4878 FLU W/ MANIFESTATION NOT ELSEWHERE CLASSIFIED

*ICD-9-CM Immunocompromised States diagnosis codes:*

See [Appendix D: ICD-9-CM Codes for Immunocompromised States](#)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

MDC 4 DISEASES AND DISORDERS OF THE RESPIRATORY SYSTEM

#### FTR 4 - Sepsis

*Include ICD-9-CM Sepsis diagnosis codes:*

*ICD-9-CM Sepsis diagnosis codes:*

0380 STREPTOCOCCAL SEPTICEMIA  
0381 STAPHYLOCOCCAL SEPTICEMIA  
03810 STAPHYLOCOCCAL SEPTICEMIA, UNSPECIFIED  
03811 STAPHYLOCOCCUS AUREUS SEPTICEMIA  
03819 OTHER STAPHYLOCOCCAL SEPTICEMIA  
0382 PNEUMOCOCCAL SEPTICEMIA (STREPTOCOCCUS PNEUMONIAE SEPTICEMIA)  
0383 SEPTICEMIA DUE TO ANAEROBES

Septicemia due to:

03840 GRAM-NEGATIVE ORGANISM, UNSPECIFIED  
03841 HEMOPHILUS INFLUENZAE  
03842 ESCHERICHIA COLI  
03843 PSEUDOMONAS  
03844 SERRATIA  
03849 SEPTICEMIA DUE TO OTHER GRAM-NEGATIVE ORGANISMS  
0388 OTHER SPECIFIED SEPTICEMIAS  
0389 UNSPECIFIED SEPTICEMIA  
7907 BACTEREMIA (OCT 05)  
99591 SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/O ORGAN DYSFUNCTION  
99592 SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/ ORGAN DYSFUNCTION

Exclude cases with any diagnosis of immunocompromised state and principal diagnosis of infection or sepsis and patients with a length of stay 3 days or less<sup>1</sup>.

See [Appendix D: ICD-9-CM Codes for Immunocompromised States](#)

See [Appendix P: Infection Diagnosis Codes and DRGs](#)

<sup>1</sup> Note: The length of stay exclusion criteria was corrected in Revision 2 of the PSI Guide. The first version noted length of stay of 4 or more days, which was incorrect.

## Failure to Rescue (PSI 4)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

### FTR 5 - Shock or Cardiac Arrest

*Include ICD-9-CM Shock or Cardiac Arrest diagnosis codes:*

4275 CARDIAC ARREST  
6395 COMPLICATIONS FOLLOWING ABORTION AND ECTOPIC AND MOLAR PREGNANCIES, SHOCK

Shock during or following labor and delivery:

66910 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE  
66911 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – DELIVERED, W/ OR W/O MENTION OF ANTEPARTUM CONDITION  
66912 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – DELIVERED, W/ MENTION OF POSTPARTUM COMPLICATION  
66913 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – ANTEPARTUM CONDITION OR COMPLICATION  
66914 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – POSTPARTUM CONDITION OR COMPLICATION  
7855 SHOCK NOS  
78550 SHOCK, UNSPECIFIED  
78551 CARDIOGENIC SHOCK  
78552 SEPTIC SHOCK (OCT 03)  
78559 SHOCK W/O MENTION OF TRAUMA- OTHER  
7991 RESPIRATORY ARREST  
9950 OTHER ANAPHYLACTIC SHOCK  
9954 SHOCK DUE TO ANESTHESIA  
9980 POSTOPERATIVE SHOCK  
9994 ANAPHYLACTIC SHOCK DUE TO SERUM

*ICD-9-CM procedure codes:*

9393 NONMECHANICAL METHODS OF RESUSCITATION  
9960 CARDIOPULMONARY RESUSCITATION, NOS  
9963 CLOSED CHEST CARDIAC MASSAGE

Exclude cases with hemorrhage, trauma, GI hemorrhage, MDC 4 and 5, principal diagnosis of shock or cardiac arrest, abortion-related shock

See [Appendix G: Hemorrhage Diagnosis Codes](#)  
See [Appendix C: ICD-9-CM Trauma Diagnosis Codes](#)  
See [Appendix J: Trauma DRGs](#)  
See [Appendix I: ICD-9-CM Gastrointestinal \(GI\) Hemorrhage Diagnosis Codes](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI Detailed Definition.

MDC 4 DISEASES AND DISORDERS OF THE RESPIRATORY SYSTEM  
MDC 5 DISEASES AND DISORDERS OF THE CIRCULATORY SYSTEM

*ICD-9-CM Abortion-related Shock diagnosis codes:*

63450 SPONTANEOUS ABORTION W/ SHOCK - UNSPECIFIED

**Failure to Rescue (PSI 4)**

- 63451 SPONTANEOUS ABORTION W/ SHOCK - INCOMPLETE
- 63452 SPONTANEOUS ABORTION W/ SHOCK - COMPLETE
- 63550 LEGAL ABORTION W/ SHOCK - UNSPECIFIED
- 63551 LEGAL ABORTION W/ SHOCK - INCOMPLETE
- 63552 LEGAL ABORTION W/ SHOCK - COMPLETE
- 63650 ILLEGAL ABORTION W/ SHOCK - UNSPECIFIED
- 63651 ILLEGAL ABORTION W/ SHOCK - INCOMPLETE
- 63652 ILLEGAL ABORTION W/ SHOCK - COMPLETE
- 63750 ABORTION NOS W/ SHOCK - UNSPECIFIED
- 63751 ABORTION NOS W/ SHOCK - INCOMPLETE
- 63752 ABORTION NOS W/ SHOCK - COMPLETE
- 6385 ATTEMPTED ABORTION W/ SHOCK

FTR 6 - GI Hemorrhage/Acute Ulcer

*Include ICD-9-CM GI Hemorrhage/Acute Ulcer diagnosis codes:*

- 4560 ESOPHAGEAL VARICES W/ BLEEDING
- 45620 ESOPHAGEAL VARICES IN DISEASES CLASSIFIED ELSEWHERE W/ BLEEDING
- 5307 GASTROESOPHAGEAL LACERATION-HEMORRHAGE SYNDROME
- 53082 ESOPHAGEAL HEMORRHAGE

Gastric ulcer:

- 53100 ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
- 53101 ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
- 53110 ACUTE W/ PERFORATION – W/O MENTION OF OBSTRUCTION
- 53111 ACUTE W/ PERFORATION – W/ OBSTRUCTION
- 53120 ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
- 53121 ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
- 53130 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION
- 53131 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION
- 53190 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION
- 53191 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION

Duodenal ulcer:

- 53200 ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
- 53201 ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
- 53210 ACUTE W/ PERFORATION – W/O MENTION OF OBSTRUCTION
- 53211 ACUTE W/ PERFORATION – W/ OBSTRUCTION
- 53220 ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
- 53221 ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
- 53230 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION
- 53231 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION
- 53290 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION
- 53291 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION

Peptic ulcer:

- 53300 SITE UNSPECIFIED ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
- 53301 SITE UNSPECIFIED ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
- 53310 SITE UNSPECIFIED ACUTE W/ PERFORATION – W/O MENTION OF OBSTRUCTION
- 53311 SITE UNSPECIFIED ACUTE W/ PERFORATION – W/ OBSTRUCTION

**Failure to Rescue (PSI 4)**

- 53320 SITE UNSPECIFIED ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
- 53321 SITE UNSPECIFIED ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
- 53330 SITE UNSPECIFIED ACUTE W/O MENTION OF HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
- 53331 SITE UNSPECIFIED ACUTE W/O MENTION OF HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
- 53390 SITE UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION
- 53391 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION

Gastrojejunal ulcer:

- 53400 ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
- 53401 ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
- 53410 ACUTE W/ PERFORATION – W/O MENTION OF OBSTRUCTION
- 53411 ACUTE W/ PERFORATION – W/ OBSTRUCTION
- 53420 ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
- 53421 ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
- 53430 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION
- 53431 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION
- 53490 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION
- 53491 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION

Gastritis and duodenitis:

- 53501 ACUTE GASTRITIS – W/ HEMORRHAGE
- 53511 ATROPHIC GASTRITIS – W/ HEMORRHAGE
- 53521 GASTRIC MUCOSAL HYPERTROPHY – W/ HEMORRHAGE
- 53531 ALCOHOLIC GASTRITIS – W/ HEMORRHAGE
- 53541 OTHER SPECIFIED GASTRITIS – W/ HEMORRHAGE
- 53551 UNSPECIFIED GASTRITIS AND GASTRODUODENITIS – W/ HEMORRHAGE
- 53561 DUODENITIS – W/ HEMORRHAGE
- 53783 ANGIODYSPLASIA OF STOMACH AND DUODENUM – W/ HEMORRHAGE
- 53784 DIEULAFOY LESION (HEMORRHAGIC) OF STOMACH AND DUODENUM
- 56202 DIVERTICULOSIS OF SMALL INTESTINE – W/ HEMORRHAGE
- 56203 DIVERTICULITIS OF SMALL INTESTINE – W/ HEMORRHAGE
- 56212 DIVERTICULOSIS OF COLON – W/ HEMORRHAGE
- 56213 DIVERTICULITIS OF COLON – W/ HEMORRHAGE
  
- 5693 HEMORRHAGE OF RECTUM AND ANUS
- 56985 ANGIODYSPLASIA OF INTESTINE – W/ HEMORRHAGE
- 56986 DIEULAFOY LESION (HEMORRHAGIC) OF INTESTINE
- 5780 HEMATEMESIS
- 5781 BLOOD IN STOOL
- 5789 HEMORRHAGE OF GASTROINTESTINAL TRACT, UNSPECIFIED

Exclude cases with diagnosis of trauma, MDC codes 6, 7, principal diagnosis of GI hemorrhage/acute ulcer, alcoholism and ICD-9-CM diagnosis codes 280.0 and 285.1:

See [Appendix C: ICD-9-CM Trauma Diagnosis Codes](#)  
 See [Appendix J: Trauma DRGs](#)



**Failure to Rescue (PSI 4)**

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI Detailed Definition.

MDC 6 DISEASES AND DISORDERS OF THE DIGESTIVE SYSTEM  
 MDC 7 DISEASES AND DISORDERS OF THE HEPATOBILIARY SYSTEM AND PANCREAS

2800 SECONDARY TO BLOOD LOSS [CHRONIC]  
 2851 ACUTE POSTHEMORRHAGIC ANEMIA

*ICD-9-CM Alcoholism diagnosis codes:*

2910 ALCOHOL WITHDRAWAL DELIRIUM  
 2911 ALCOHOL AMNESTIC SYNDROME  
 2912 OTHER ALCOHOLIC DEMENTIA  
 2913 ALCOHOL WITHDRAWAL HALLUCINOSIS  
 2914 IDIOSYNCRATIC ALCOHOL INTOXICATION  
 2915 ALCOHOLIC JEALOUSY  
 29181 OTHER SPECIFIED ALCOHOLIC PSYCHOSES, ALCOHOL WITHDRAWAL  
 29182 ALCOHOL INDUCED SLEEP DISORDERS (OCT 05)  
 29189 OTHER SPECIFIED ALCOHOLIC PSYCHOSES, OTHER  
 2919 UNSPECIFIED ALCOHOLIC PSYCHOSIS  
 30300 ACUTE ALCOHOLIC INTOXICATION - UNSPECIFIED  
 30301 ACUTE ALCOHOLIC INTOXICATION - CONTINUOUS  
 30302 ACUTE ALCOHOLIC INTOXICATION - EPISODIC  
 30303 ACUTE ALCOHOLIC INTOXICATION - IN REMISSION  
 30390 OTHER AND UNSPECIFIED ALCOHOL DEPENDENCE - UNSPECIFIED  
 30391 OTHER AND UNSPECIFIED ALCOHOL DEPENDENCE - CONTINUOUS  
 30392 OTHER AND UNSPECIFIED ALCOHOL DEPENDENCE - EPISODIC  
 30393 OTHER AND UNSPECIFIED ALCOHOL DEPENDENCE - IN REMISSION  
 30500 NONDEPENDENT ABUSE OF DRUGS, ALCOHOL ABUSE - UNSPECIFIED  
 30501 NONDEPENDENT ABUSE OF DRUGS, ALCOHOL ABUSE - CONTINUOUS  
 30502 NONDEPENDENT ABUSE OF DRUGS, ALCOHOL ABUSE - EPISODIC  
 30503 NONDEPENDENT ABUSE OF DRUGS, ALCOHOL ABUSE - IN REMISSION  
 4255 ALCOHOLIC CARDIOMYOPATHY  
 53530 ALCOHOLIC GASTRITIS, W/O MENTION OF HEMORRHAGE  
 53531 ALCOHOLIC GASTRITIS, W/ HEMORRHAGE  
 5710 ALCOHOLIC FATTY LIVER  
 5711 ACUTE ALCOHOLIC HEPATITIS  
 5712 ALCOHOLIC CIRRHOSIS OF LIVER  
 5713 ALCOHOLIC LIVER DAMAGE, UNSPECIFIED  
 9800 TOXIC EFFECT OF ALCOHOL, ETHYL ALCOHOL  
 9809 TOXIC EFFECT OF ALCOHOL, UNSPECIFIED ALCOHOL

**Foreign Body Left during Procedure, Secondary Diagnosis Field (PSI 5 and 21)**

**Numerator:**

Discharges with ICD-9-CM codes for foreign body left in during procedure in any secondary diagnosis field.

*ICD-9-CM Foreign Body Left in During Procedure diagnosis codes:*

9984 FOREIGN BODY ACCIDENTALLY LEFT DURING A PROCEDURE  
 9987 ACUTE REACTIONS TO FOREIGN SUBSTANCE ACCIDENTALLY LEFT DURING A PROCEDURE

### Foreign Body Left during Procedure, Secondary Diagnosis Field (PSI 5 and 21)

Foreign body left in during:

E8710 SURGICAL OPERATION  
E8711 INFUSION OR TRANSFUSION  
E8712 KIDNEY DIALYSIS OR OTHER PERFUSION  
E8713 INJECTION OR VACCINATION  
E8714 ENDOSCOPIC EXAMINATION  
E8715 ASPIRATION OF FLUID OR TISSUE, PUNCTURE, AND CATHETERIZATION  
E8716 HEART CATHETERIZATION  
E8717 REMOVAL OF CATHETER OR PACKING  
E8718 OTHER SPECIFIED PROCEDURES  
E8719 UNSPECIFIED PROCEDURE

#### Denominator:

All surgical and medical discharges 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium) defined by specific DRGs

*Surgical and Medical Discharge DRGs:*

See [Appendix B: Surgical Discharge DRGs](#)

See [Appendix F: Medical Discharge DRGs](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude patients with ICD-9-CM codes for foreign body left in during procedure in the principal diagnosis field.

### Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)

#### Numerator:

Discharges with ICD-9-CM code of 512.1 in any secondary diagnosis field.

#### Denominator:

All surgical and medical discharges age 18 years and older defined by specific DRGs

See [Appendix B: Surgical Discharge DRGs](#)

See [Appendix F: Medical Discharge DRGs](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude cases:

- with ICD-9-CM code of 512.1 in the principal diagnosis field.
- MDC 14 (pregnancy, childbirth, and puerperium)
- with diagnosis code of chest trauma or pleural effusion
- with an ICD-9-CM procedure code of diaphragmatic surgery repair
- with any code indicating thoracic surgery, lung or pleural biopsy, or assigned to cardiac surgery DRGs

**Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)**

*ICD-9-CM Chest Trauma diagnosis codes:*

80700	FRACTURE RIB NOS-CLOSED	8621	DIAPHRAGM INJURY-OPEN
80701	FRACTURE ONE RIB-CLOSED	86221	BRONCHUS INJURY-CLOSED
80702	FRACTURE TWO RIBS-CLOSED	86222	ESOPHAGUS INJURY-CLOSED
80703	FRACTURE THREE RIBS-CLOS	86229	INTRATHORACIC INJ NEC-CL
80704	FRACTURE FOUR RIBS-CLOSE	86231	BRONCHUS INJURY-OPEN
80705	FRACTURE FIVE RIBS-CLOSE	86232	ESOPHAGUS INJURY-OPEN
80706	FRACTURE SIX RIBS-CLOSED	86239	INTRATHORAC INJ NEC-OPEN
80707	FRACTURE SEVEN RIBS-CLOS	8628	INTRATHORACIC INJ NOS-CL
80708	FX EIGHT/MORE RIB-CLOSED	8629	INTRATHORAC INJ NOS-OPEN
80709	FX MULT RIBS NOS-CLOSED	8750	OPEN WOUND OF CHEST
80710	FRACTURE RIB NOS-OPEN	8751	OPEN WOUND CHEST-COMPL
80711	FRACTURE ONE RIB-OPEN	8760	OPEN WOUND OF BACK
80712	FRACTURE TWO RIBS-OPEN	8761	OPEN WOUND BACK-COMPL
80713	FRACTURE THREE RIBS-OPEN	9010	INJURY THORACIC AORTA
80714	FRACTURE FOUR RIBS-OPEN	9011	INJ INNOMIN/SUBCLAV ART
80715	FRACTURE FIVE RIBS-OPEN	9012	INJ SUPERIOR VENA CAVA
80716	FRACTURE SIX RIBS-OPEN	9013	INJ INNOMIN/SUBCLAV VEIN
80717	FRACTURE SEVEN RIBS-OPEN	90140	INJ PULMONARY VESSEL NOS
80718	FX EIGHT/MORE RIBS-OPEN	90141	INJURY PULMONARY ARTERY
80719	FX MULT RIBS NOS-OPEN	90142	INJURY PULMONARY VEIN
8072	FRACTURE OF STERNUM-CLOS	90181	INJ INTERCOSTAL ART/VEIN
8073	FRACTURE OF STERNUM-OPEN	90182	INJ INT MAMMARY ART/VEIN
8074	FLAIL CHEST	90183	INJ MULT THORACIC VESSEL
8075	FX LARYNX/TRACHEA-CLOSED	90189	INJ THORACIC VESSEL NEC
8076	FX LARYNX/TRACHEA-OPEN	9019	INJ THORACIC VESSEL NOS
8090	FRACTURE TRUNK BONE-CLOS	9110	ABRASION TRUNK
8091	FRACTURE TRUNK BONE-OPEN	9111	ABRASION TRUNK-INFECTED
8600	TRAUM PNEUMOTHORAX-CLOSE	9118	SUPERFIC INJU TRUNK NEC
8601	TRAUM PNEUMOTHORAX-OPEN	9119	SUPERFIC INJU TRUNK NEC-INF
8602	TRAUM HEMOTHORAX-CLOSED	9220	CONTUSION OF BREAST
8603	TRAUM HEMOTHORAX-OPEN	9221	CONTUSION OF CHEST WALL
8604	TRAUM PNEUMOHEMOTHOR-CL	9223	BACK CONTUSION
8605	TRAUM PNEUMOHEMOTHOR-OPN	92231	BACK CONTUSION
86100	HEART INJURY NOS-CLOSED	92233	INTERSCPLR REG CONTUSION
86101	HEART CONTUSION-CLOSED	9228	MULIPLE CONTUSION TRUNK
86102	HEART LACERATION-CLOSED	9229	CONTUSION OF TRUNK
86103	HEART CHAMBER LACERAT-CL	92611	CRUSHING INJURY BACK
86110	HEART INJURY NOS-OPEN	92619	CRUSHING INJ TRUNK NEC
86111	HEART CONTUSION-OPEN	9268	MULT CRUSHING INJ TRUNK
86112	HEART LACERATION-OPEN	9269	CRUSHING INJ TRUNK NOS
86113	HEART CHAMBER LACER-OPN	9290	CRUSH INJ MULT SITE NEC
86120	LUNG INJURY NOS-CLOSED	9299	CRUSHING INJURY NOS
86121	LUNG CONTUSION-CLOSED	9541	INJ SYMPA NERVE NEC
86122	LUNG LACERATION-CLOSED	9548	INJURY TRUNK NERVE NEC
86130	LUNG INJURY NOS-OPEN	9549	INJURY TRUNK NERVE NOS
86131	LUNG CONTUSION-OPEN	95911	INJURY OF CHEST WALL NEC
86132	LUNG LACERATION-OPEN	95919	TRUNK INJURY-SITES NEC

**Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)**

8620 DIAPHRAGM INJURY-CLOSED 9599 INJURY-SITE NOS

*ICD-9-CM Pleural Effusion diagnosis codes:*

0101 TUBERCULOUS PLEURISY IN PRIMARY PROGRESSIVE TUBERCULOSIS  
 01010 TUBERCULOUS PLEURISY IN PRIMARY PROGRESSIVE TUBERCULOSIS, UNSPECIFIED  
 01011 TPIPPT, BACTERIAL OR HISTOLOGICAL EXAM NOT DONE  
 01012 TPIPPT, BACTERIAL OR HISTOLOGICAL EXAM UNKNOWN  
 01013 TPIPPT, TUBERCLE BACILI FOUND BY MICROSCOPY  
 01014 TPIPPT, TUBERCLE BACILI NOT FOUND BY MICROSCOPY BUT BY BACTERIAL CULTURE  
 01015 TPIPPT, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL BUT CONFIRMED HISTOLOGICALLY  
 01016 TPIPPT, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL OR HISTOLOGICAL BUT CONFIRMED OTHER METHODS  
 0117 TUBERCULOUS PNEUMOTHORAX  
 01170 TUBERCULOUS PNEUMOTHORAX, UNSPECIFIED  
 01171 TPNEU, BACTERIAL OR HISTOLOGICAL EXAM NOT DONE  
 01172 TPNEU, BACTERIAL OR HISTOLOGICAL EXAM UNKNOWN  
 01173 TPNEU, TUBERCLE BACILI FOUND BY MICROSCOPY  
 01174 TPNEU, TUBERCLE BACILI NOT FOUND BY MICROSCOPY BUT BY BACTERIAL CULTURE  
 01175 TPNEU, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL BUT CONFIRMED HISTOLOGICALLY  
 01176 TPNEU, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL OR HISTOLOGICAL BUT CONFIRMED OTHER METHODS  
 0120 TUBERCULOUS PLEURISY  
 01200 TUBERCULOUS PLEURISY, UNSPECIFIED  
 01201 TP, BACTERIAL OR HISTOLOGICAL EXAM NOT DONE  
 01202 TP, BACTERIAL OR HISTOLOGICAL EXAM UNKNOWN  
 01203 TP, TUBERCLE BACILI FOUND BY MICROSCOPY  
 01204 TP, TUBERCLE BACILI NOT FOUND BY MICROSCOPY BUT BY BACTERIAL CULTURE  
 01205 TP, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL BUT CONFIRMED HISTOLOGICALLY  
 01206 TP, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL OR HISTOLOGICAL BUT CONFIRMED OTHER METHODS  
 1972 SECOND MALIG NEO PLEURA  
 5111 WITH EFFUSION, WITH MENTION OF A BACTERIAL CAUSE OTHER THAN TUBERCULOSIS  
 5118 OTHER SPECIFIED FORM OF EFFUSION, EXCEPT TUBERCULOUS  
 5119 UNSPECIFIED PLEURAL EFFUSION

*ICD-9-CM Thoracic Surgery procedure codes:*

3121 MEDIASTINAL TRACHEOSTOMY  
 3145 OPEN BIOPSY OF LARYNX OR TRACHEA  
 3173 CLOSURE OF OTHER FISTULA OF TRACHEA  
 3179 OTHER REPAIR AND PLASTIC OPERATIONS ON TRACHEA  
 3199 OTHER OPERATIONS ON TRACHEA  
 3209 OTHER LOCAL EXCISION OR DESTRUCTION OF LESION OR TISSUE OF BRONCHUS  
 321 OTHER EXCISION OF BRONCHUS

Local excision or destruction of lesion or tissue of lung:

3221 PPLICATION OF EMPHYSEMATIOUS BLEB  
 3222 LUNG VOLUME REDUCTION SURGERY  
 3228 ENDOSCOPIC EXCISION OR DESTRUCTION OF LESION OR TISSUE OF LUNG

**Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)**

- 3229 OTHER LOCAL EXCISION OR DESTRUCTION OF LESION OR TISSUE OF LUNG
- 323 SEGMENTAL RESECTION OF LUNG
- 324 LOBECTOMY OF LUNG
- 325 COMPLETE PNEUMONECTOMY
- 326 RADICAL DISSECTION OF THORACIC STRUCTURES
- 329 OTHER EXCISION OF LUNG
- 330 INCISION OF BRONCHUS
- 331 INCISION OF LUNG
- 3325 OPEN BIOPSY OF BRONCHUS
- 3326 CLOSE [PERCUTANEOUS][NEEDLE] BIOPSY OF LUNG
- 3327 CLOSED ENDOSCOPIC BIOPSY OF LUNG
- 3328 OPEN BIOPSY OF LUNG
- 3331 DESTRUCTION OF PHRENIC NERVE FOR COLLAPSE OF LUNG (NO LONGER PERFORMED)
- 3332 ARTIFICIAL PNEUMOTHORAX FOR COLLAPSE OF LUNG
- 3334 THORACOPLASTY
- 3339 OTHER SURGICAL COLLAPSE OF LUNG

Repair and plastic operation on lung and bronchus:

- 3341 SUTURE OF LACERATION OF BRONCHUS
- 3342 CLOSURE OF BRONCHIAL FISTULA
- 3343 CLOSURE OF LACERATION OF LUNG
- 3348 OTHER REPAIR AND PLASTIC OPERATIONS ON BRONCHUS
- 3349 OTHER REPAIR AND PLASTIC OPERATIONS ON LUNG

Lung transplant:

- 335 LUNG TRANSPLANTATION
- 3350 LUNG TRANSPLANTATION, NOS
- 3351 UNILATERAL LUNG TRANSPLANTATION
- 3352 BILATERAL LUNG TRANSPLANTATION
- 336 COMBINED HEART-LUNG TRANSPLANTATION
- 3392 LIGATION OF BRONCHUS
- 3393 PUNCTURE OF LUNG
- 3398 OTHER OPERATIONS ON BRONCHUS
- 3399 OTHER OPERATIONS ON LUNG
- 3329 OTHER DIAGNOSTIC PROCEDURE ON LUNG AND BRONCHUS
- 3333 PNEUMOPERITONEUM FOR COLLAPSE OF LUNG
- 3401 INCISION OF CHEST WALL
- 3402 EXPLORATORY THORACOTOMY
- 3403 REOPENING OF RECENT THORACOTOMY SITE
- 3405 CREATION OF PLEUROPERITONEAL SHUNT
- 3409 OTHER INCISION OF PLEURA
- 341 INCISION OF MEDIASTINUM

Diagnostic procedures on chest wall, pleura, mediastinum, and diaphragm:

- 3421 TRANSPLEURAL THORACOSCOPY
- 3422 MEDIASTINOSCOPY
- 3423 BIOPSY OF CHEST WALL
- 3424 PLEURAL BIOPSY
- 3425 CLOSED [PERCUTANEOUS][NEEDLE] BIOPSY OF MEDIASTINUM
- 3426 OPEN BIOPSY OF MEDIASTINUM
- 3427 BIOPSY OF DIAPHRAGM
- 3428 OTHER DIAGNOSTIC PROCEDURES ON CHEST WALL, PLEURA, AND DIAPHRAGM
- 3429 OTHER DIAGNOSTIC PROCEDURES ON MEDIASTINUM
- 343 EXCISION OR DESTRUCTION OF LESION OR TISSUE OF MEDIASTINUM
- 344 EXCISION OR DESTRUCTION OF LESION OF CHEST WALL
- 3451 DECORTICATION OF LUNG

**Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)**

3459 OTHER EXCISION OF PLEURA

Repair of chest wall:

3471 SUTURE OF LACERATION OF CHEST WALL  
 3472 CLOSURE OF THORACOSTOMY  
 3473 CLOSURE OF OTHER FISTULA OF THORAX  
 3474 REPAIR OF PECTUS DEFORMITY  
 3479 OTHER REPAIR OF CHEST WALL

Operations on diaphragm:

3481 EXCISION OF LESION OR TISSUE OF DIAPHRAGM  
 3482 SUTURE OF LACERATION OF DIAPHRAGM  
 3483 CLOSURE OF FISTULA OF DIAPHRAGM  
 3484 OTHER REPAIR OF DIAPHRAGM  
 3485 IMPLANTATION OF DIAPHRAGMATIC PACEMAKER  
 3489 OTHER OPERATIONS ON DIAPHRAGM  
 3493 REPAIR OF PLEURA  
 3499 OTHER OPERATIONS ON THORAX, OTHER

Operations on thoracic duct:

4061 CANNULATION OF THORACIC DUCT  
 4062 FISTULIZATION OF THORACIC DUCT  
 4063 CLOSURE OF FISTULA OF THORACIC DUCT  
 4064 LIGATION OF THORACIC DUCT  
 4069 OTHER OPERATIONS ON THORACIC DUCT

Esophagotomy:

4201 INCISION OF ESOPHAGEAL WEB  
 4209 OTHER INCISION OF ESOPHAGUS  
 4210 ESOPHAGOSTOMY, NOS  
 4211 CERVICAL ESOPHAGOSTOMY  
 4212 EXTERIORIZATION OF ESOPHAGEAL POUCH  
 4219 OTHER EXTERNAL FISTULIZATION OF ESOPHAGUS  
 4221 OPERATIVE ESOPHAGOSCOPY BY INCISION  
 4225 OPEN BIOPSY OF ESOPHAGUS  
 4231 LOCAL EXCISION OF ESOPHAGEAL DIVERTICULUM  
 4232 LOCAL EXCISION OF OTHER LESION OR TISSUE OF ESOPHAGUS  
 4239 OTHER DESTRUCTION OF LESION OR TISSUE OF ESOPHAGUS

Excision of esophagus:

4240 ESOPHAGECTOMY, NOS  
 4241 PARTIAL ESOPHAGECTOMY  
 4242 TOTAL ESOPHAGECTOMY

Intrathoracic anastomosis of exophagus

4251 INTRATHORACIC ESOPHAGUESOPHAGOSTOMY  
 4252 INTRATHORACIC ESOPHAGOGASTROSTOMY  
 4253 INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL  
 4254 OTHER INTRATHORACIC ESOPHAGOENTEROSTOMY  
 4255 INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON  
 4256 OTHER INTRATHORACIC ESOPHAGOCOLOSTOMY  
 4258 INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ OTHER INTERPOSITION

**Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)**

4259 OTHER INTRATHORACIC ANASTOMOSIS OF ESOPHAGUS

Antesternal anastomosis

4261 ANTESTERNAL ESOPHAGUESOPHAGOSTOMY  
 4262 ANTESTERNAL ESOPHAGOGASTROSTOMY  
 4263 ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL  
 4264 OTHER ANTESTERNAL ESOPHAGOENTEROSTOMY  
 4265 ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON  
 4266 OTHER ANTESTERNAL ESOPHAGOCOLOSTOMY  
 4268 OTHER ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION  
 4269 OTHER ANTESTERNAL ANASTOMOSIS OF ESOPHAGUS  
 427 ESOPHAGOMYOTOMY

Other repair of esophagus

4281 INSERTION OF PERMANENT TUBE INTO ESOPHAGUS  
 4282 SUTURE OF LACERATION OF ESOPHAGUS  
 4283 CLOSURE OF ESOPHAGOSTOMY  
 4284 REPAIR OF ESOPHAGEAL FISTULA, NEC  
 4285 REPAIR OF ESOPHAGEAL STRICTURE  
 4286 PRODUCTION OF SUBCUTANEOUS TUNNEL W/O ESOPHAGEAL ANASTOMOSIS  
 4287 OTHER GRAFT OF ESOPHAGUS  
 4289 OTHER REPAIR OF ESOPHAGUS  
 4465 ESOPHAGOGASTROPLASTY  
 4466 OTHER PROCEDURES FOR CREATION OF ESOPHAGOGASTRIC SPHINCTERIC COMPETENCE  
 8104 DORSAL AND DORSO-LUMBAR FUSION, ANTERIOR TECHNIQUE  
 8134 REFUSION OF DORSAL AND DORSOLUMBAR SPINE, ANTERIOR TECHNIQUE

*ICD-9-CM Lung or Pleural Biopsy procedure codes:*

3326 CLOSED [PERCUTANEOUS] [NEEDLE] BIOPSY OF LUNG  
 3328 OPEN BIOPSY OF LUNG  
 3424 PLEURAL BIOPSY

*Cardiac Surgery DRGs:*

103 HEART TRANSPLANT  
 104 CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/ CARDIAC CATHETERIZATION  
 105 CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/O CARDIAC CATHETERIZATION  
 106 CORONARY BYPASS W/ PTCA  
 107 CORONARY BYPASS W/ CARDIAC CATHETERIZATION  
 108 OTHER CARDIOTHORACIC PROCEDURES  
 109 CORONARY BYPASS W/O CARDIAC CATHETERIZATION  
 110 MAJOR CARDIOVASCULAR PROCEDURES W/ CC  
 111 MAJOR CARDIOVASCULAR PROCEDURES W/O CC  
 525 HEART ASSIST SYSTEM IMPLANT (OCT 02)  
 547 CORONARY BYPASS W CARDIAC CATH W MAJOR CV DX (OCT 05)  
 548 CORONARY BYPASS W CARDIAC CATH W/O MAJOR CV DX (OCT 05)  
 549 CORONARY BYPASS W/O CARDIAC CATH W MAJOR CV DX (OCT 05)  
 550 CORONARY BYPASS W/O CARDIAC CATH W/O MAJOR CV DX (OCT 05)

### Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23)

**Numerator:**

Discharges with ICD-9-CM code of 999.3 or 996.62 in any secondary diagnosis field.

**Denominator:**

All surgical and medical discharges, 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), defined by specific DRGs

See [Appendix B: Surgical Discharge DRGs](#)

See [Appendix F: Medical Discharge DRGs](#)

Exclude cases:

- with ICD-9-CM code of 999.3 or 996.62 in the principal diagnosis field
- with length of stay less than 2 days
- with any code for immunocompromised state or cancer
- with cancer DRG

See [Appendix D: ICD-9-CM Codes for Immunocompromised States](#)

See [Appendix E: Cancer Codes](#)

See [Appendix Q: Cancer DRGs](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

### Postoperative Hip Fracture (PSI 8)

**Numerator:**

Discharges with ICD-9-CM code for hip fracture in any secondary diagnosis field

*ICD-9-CM Hip Fracture diagnosis codes (includes all 5<sup>th</sup> digits):*

8200	FRACTURE OF NECK OF FEMUR – TRANSCERVICAL FRACTURE, CLOSED
8201	FRACTURE OF NECK OF FEMUR – TRANSCERVICAL FRACTURE, OPEN
8202	FRACTURE OF NECK OF FEMUR – PERTROCHANTERIC FRACTURE, CLOSED
8203	FRACTURE OF NECK OF FEMUR – PERTROCHANTERIC FRACTURE, OPEN
8208	UNSPECIFIED PART OF NECK OF FEMUR, CLOSED
8209	UNSPECIFIED PART OF NECK OF FEMUR, OPEN

**Denominator:**

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

See [Appendix A: Operating Room Procedure Codes](#)

See [Appendix B: Surgical Discharge DRGs](#)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI detailed definition.



## Postoperative Hip Fracture (PSI 8)

### Exclude cases:

- with ICD-9-CM code for hip fracture (see Numerator) in the principal diagnosis field
  - 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 codes for 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)

See [Appendix C: ICD-9-CM Trauma Diagnosis Codes](#)

See [Appendix J: Trauma DRGs](#)

See [Appendix L: Self-Inflicted Injury Diagnosis Codes](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

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

7855	INTERNAL FIXATION-FEMUR
7915	CLOSED RED-INT FIX FEMUR
7925	OPEN REDUCTION-FEMUR FX
7935	OPEN REDUC-INT FIX FEMUR
8151	TOTAL HIP REPLACEMENT
8152	PARTIAL HIP REPLACEMENT

### ICD-9-CM Seizure diagnosis codes:

34500	GENERALIZED NONCONVULSIVE EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY
34501	GENERALIZED NONCONVULSIVE EPILEPSY – W/ INTRACTABLE EPILEPSY
34510	GENERALIZED CONVULSIVE EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY
34511	GENERALIZED CONVULSIVE EPILEPSY – W/ INTRACTABLE EPILEPSY
3452	EPILEPSY – PETIT MAL STATUS
3453	EPILEPSY – GRAND MAL STATUS
34540	PARTIAL EPILEPSY, W/ IMPAIRMENT OF CONSCIOUSNESS – W/O INTRACTABLE EPILEPSY
34541	PARTIAL EPILEPSY, W/ IMPAIRMENT OF CONSCIOUSNESS – W/ MENTION OF INTRACTABLE EPILEPSY
34550	PARTIAL EPILEPSY, W/O MENTION OF IMPAIRMENT OF CONSCIOUSNESS – W/O MENTION OF INTRACTABLE EPILEPSY
34551	PARTIAL EPILEPSY, W/O MENTION OF IMPAIRMENT OF CONSCIOUSNESS – W/ INTRACTABLE EPILEPSY
34560	INFANTILE SPASMS – W/O MENTION OF INTRACTABLE EPILEPSY
34561	INFANTILE SPASMS – W/ INTRACTABLE EPILEPSY
34570	EPILEPSIA PARTIALIS CONTINUA – W/O MENTION OF INTRACTABLE EPILEPSY
34571	EPILEPSIA PARTIALIS CONTINUA – W/ INTRACTABLE EPILEPSY
34580	OTHER FORMS OF EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY
34581	OTHER FORMS OF EPILEPSY – W/ INTRACTABLE EPILEPSY
34590	EPILEPSY, UNSPECIFIED – W/O MENTION OF INTRACTABLE EPILEPSY
34591	EPILEPSY, UNSPECIFIED – W/ INTRACTABLE EPILEPSY
7803	CONVULSIONS
78031	FEBRILE CONVULSIONS
78039	OTHER CONVULSIONS

**Postoperative Hip Fracture (PSI 8)**

7803 CONVULSIONS (OLD CODE NO LONGER VALID)

*ICD-9-CM Syncope diagnosis codes:*

7802 SYNCOPE AND COLLAPSE

*ICD-9-CM Stroke diagnosis codes:*

430 SUBARACHNOID HEMORRHAGE  
 431 INTRACEREBRAL HEMORRHAGE  
 4320 NONTRAUMATIC EXTRADURAL HEMORRHAGE  
 4321 SUBDURAL HEMORRHAGE  
 4329 UNSPECIFIED INTRACRANIAL HEMORRHAGE  
 436 ACUTE, BUT ILL-DEFINED CEREBROVASCULAR DISEASE  
 99702 POSTOPERATIVE CEREBROVASCULAR ACCIDENT

Occlusion and stenosis of precerebral arteries:

43301 BASILAR ARTERY, W/ CEREBRAL INFARCTION  
 43311 CAROTID ARTERY, W/ CEREBRAL INFARCTION  
 43321 VERTEBRAL ARTERY - W/ CEREBRAL INFARCTION  
 43331 MULTIPLE AND BILATERAL W/ CEREBRAL INFARCTION  
 43381 OTHER SPECIFIED PRECEREBRAL ARTERY W/ CEREBRAL INFARCTION  
 43391 OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES, UNSPECIFIED PRECEREBRAL ARTERY W/ CEREBRAL INFARCTION

Occlusion of cerebral arteries:

43401 CEREBRAL THROMBOSIS – W/ CEREBRAL INFARCTION  
 43411 CEREBRAL EMBOLISM – W/ CEREBRAL INFARCTION  
 43491 CEREBRAL ARTERY OCCLUSION, UNSPECIFIED - W/ CEREBRAL INFARCTION

*ICD-9-CM Coma diagnosis codes:*

25020 DIABETES W/ HYPEROSMOLARITY, TYPE 2 [NONINSULIN DEPENDENT TYPE][NIDDM TYPE][ADULT-ONSET] OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED  
 25021 DIABETES W/ HYPEROSMOLARITY, TYPE 1 [INSULIN DEPENDENT TYPE][IDDM-TYPE] [JUVENILE TYPE], NOT STATED AS UNCONTROLLED  
 25022 DIABETES W/ HYPEROSMOLARITY, TYPE 2  
 25023 DIABETES MELLITUS, DIABETES W/ HYPEROSMOLARITY, TYPE 1 [INSULIN DEPENDENT TYPE][IDDM-TYPE][JUVENILE TYPE] UNCONTROLLED  
 25030 DIABETES W/ OTHER COMA, TYPE 2 NOT STATED AS UNCONTROLLED  
 25031 DIABETES W/ OTHER COMA, TYPE 1 NOT STATED AS UNCONTROLLED  
 25032 DIABETES MELLITUS, DIABETES W/ OTHER COMA, TYPE 2 UNCONTROLLED  
 25033 DIABETES MELLITUS, DIABETES W/ OTHER COMA, TYPE 1 UNCONTROLLED  
 2510 OTHER DISORDERS OF PANCREATIC INTERNAL SECRETION, HYPOGLYCEMIC COMA  
 5722 LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE, HEPATIC COMA  
 78001 GENERAL SYMPTOMS, ALTERATION OF CONSCIOUSNESS, COMA  
 78003 GENERAL SYMPTOMS, ALTERATION OF CONSCIOUSNESS PERSISTENT VEGETATIVE STATE

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

4275 CARDIAC ARREST

*ICD-9-CM Poisoning diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits):*

960 POISONING BY ANTIBIOTICS  
 961 POISONING BY OTHER ANTI-INFECTIVES

**Postoperative Hip Fracture (PSI 8)**

962	POISONING BY HORMONES AND SYNTHETIC SUBSTITUTES
963	POISONING BY PRIMARILY SYSTEMIC AGENTS
964	POISONING BY AGENTS PRIMARILY AFFECTING BLOOD CONSTITUENTS
965	POISONING BY ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS
966	POISONING BY ANTICONVULSANTS AND ANTI-PARKINSONISM DRUGS
967	POISONING BY SEDATIVES AND HYPNOTICS
968	POISONING BY OTHER CENTRAL NERVOUS SYSTEM DEPRESSANTS AND ANESTHETICS
969	POISONING BY PSYCHOTROPIC AGENTS
970	POISONING BY CENTRAL NERVOUS SYSTEM STIMULANTS
971	POISONING BY DRUGS PRIMARILY AFFECTING THE AUTONOMIC NERVOUS SYSTEM
972	POISONING BY AGENTS PRIMARILY AFFECTING THE CARDIOVASCULAR SYSTEM
973	POISONING BY AGENTS PRIMARILY AFFECTING THE GASTROINTESTINAL SYSTEM
974	POISONING BY WATER, MINERAL, AND URIC ACID METABOLISM DRUGS
975	POISONING BY AGENTS PRIMARILY ACTING ON THE SMOOTH AND SKELETAL MUSCLES AND RESPIRATORY SYSTEM
976	POISONING BY AGENTS PRIMARILY AFFECTING SKIN AND MUCOUS MEMBRANE, OPHTHALMOLOGICAL, OTORHINOLARYNGOLOGICAL AND DENTAL DRUGS
977	POISONING BY OTHER AND UNSPECIFIED DRUGS AND MEDICINAL SUBSTANCES
978	POISONING BY BACTERIAL VACCINES
979	POISONING BY OTHER VACCINES AND BIOLOGICAL SUBSTANCES
E850	ACCIDENTAL POISONING BY ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS
E851	ACCIDENTAL POISONING BY BARBITURATES
E852	ACCIDENTAL POISONING BY OTHER SEDATIVES AND HYPNOTICS
E853	ACCIDENTAL POISONING BY TRANQUILIZERS
E854	ACCIDENTAL POISONING BY OTHER PSYCHOTROPIC AGENTS
E855	ACCIDENTAL POISONING BY OTHER DRUGS ACTING ON CENTRAL AND AUTONOMIC NERVOUS SYSTEM
E856	ACCIDENTAL POISONING BY ANTIBIOTICS
E857	ACCIDENTAL POISONING BY OTHER ANTI-INFECTIVES
E858	ACCIDENTAL POISONING BY OTHER DRUGS
E860	ACCIDENTAL POISONING BY ALCOHOL, NEC
E861	ACCIDENTAL POISONING BY CLEANING AND POLISHING AGENTS, DISINFECTANTS, PAINTS, AND VARNISHES
E862	ACCIDENTAL POISONING BY PETROLEUM PRODUCTS, OTHER SOLVENTS AND THEIR VAPORS, NEC
E863	ACCIDENTAL POISONING BY AGRICULTURAL AND HORTICULTURAL CHEMICAL AND PHARMACEUTICAL PREPARATIONS OTHER THAN PLANT FOODS AND FERTILIZERS
E864	ACCIDENTAL POISONING BY CORROSIVES AND CAUSTICS, NEC
E865	ACCIDENTAL POISONING FROM POISONOUS FOODSTUFFS AND POISONOUS PLANTS
E866	ACCIDENTAL POISONING BY OTHER AND UNSPECIFIED SOLID AND LIQUID SUBSTANCES
E867	ACCIDENTAL POISONING BY GAS DISTRIBUTED BY PIPELINE
E868	ACCIDENTAL POISONING BY OTHER UTILITY GAS AND OTHER CARBON MONOXIDE
E869	ACCIDENTAL POISONING BY OTHER GASES AND VAPORS
E951	SUICIDE AND SELF-INFLICTED POISONING BY GASES IN DOMESTIC USE
E952	SUICIDE AND SELF-INFLICTED POISONING BY OTHER GASES AND VAPORS
E962	ASSAULT BY POISONING
E980	POISONING BY SOLID OR LIQUID SUBSTANCES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED
E981	POISONING BY GASES IN DOMESTIC USE, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED
E982	POISONING BY OTHER GASES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED
<i>ICD-9-CM Delirium and Other Psychoses diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits):</i>	
290	SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS
291	ALCOHOLIC PSYCHOSES
292	DRUG PSYCHOSES
29285	DRUG INDUCED SLEEP DISORDERS (OCT 05)
293	TRANSIENT ORGANIC PSYCHOTIC CONDITIONS

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- 294 OTHER ORGANIC PSYCHOTIC CONDITIONS
- 295 SCHIZOPHRENIC DISORDERS
- 296 AFFECTIVE PSYCHOSES
- 297 PARANOID STATES
- 298 OTHER NONORGANIC PSYCHOSES
- 299 PSYCHOSES W/ ORIGIN SPECIFIC TO CHILDHOOD

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

- 3481 ANOXIC BRAIN DAMAGE

*ICD-9-CM Metastatic Cancer diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits):*

- 196 SECONDARY AND UNSPECIFIED MALIGNANT NEOPLASM OF LYMPH NODES
- 197 SECONDARY MALIGNANT NEOPLASM OF RESPIRATORY AND DIGESTIVE SYSTEMS
- 198 SECONDARY MALIGNANT NEOPLASM OF OTHER SPECIFIED SITES
- 1990 MALIGNANT NEOPLASM W/O SPECIFICATION OF SITE, DISSEMINATED

*ICD-9-CM Lymphoid Malignancy diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits):*

- 200 LYMPHOSARCOMA AND RETICULOSARCOMA
- 201 HODGKIN'S DISEASE
- 202 OTHER MALIGNANT NEOPLASMS OF LYMPHOID AND HISTIOCYTIC TISSUE
- 203 MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS
- 204 LYMPHOID LEUKEMIA
- 205 MYELOID LEUKEMIA
- 206 MONOCYTIC LEUKEMIA
- 207 OTHER SPECIFIED LEUKEMIA
- 208 LEUKEMIA OF UNSPECIFIED CELL TYPE

*ICD-9-CM Bone Malignancy diagnosis code (includes 4<sup>th</sup> and 5<sup>th</sup> digits):*

- 170 MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE

**Postoperative Hemorrhage or Hematoma (PSI 9 and 27)**

**Numerator:**

Discharges with ICD-9-CM codes for postoperative hemorrhage or postoperative hematoma in any secondary diagnosis field and codes for postoperative control of hemorrhage or drainage of hematoma in any procedure code field.

*ICD-9-CM Postoperative Hematoma diagnosis code:*

- 99812 HEMATOMA COMPLICATING A PROCEDURE

*ICD-9-CM Postoperative Hemorrhage diagnosis code:*

- 99811 HEMORRHAGE COMPLICATING A PROCEDURE

*ICD-9-CM Control of Postoperative Hemorrhage procedure codes:*

- 287 CONTROL OF HEMORRHAGE AFTER TONSILLECTOMY AND ADENOIDECTOMY

**Postoperative Hemorrhage or Hematoma (PSI 9 and 27)**

3880	OTHER SURGICAL OCCLUSION OF UNSPECIFIED SITE
3881	OTHER SURGICAL OCCLUSION OF INTRACRANIAL VESSELS
3882	OTHER SURGICAL OCCLUSION OF OTHER VESSELS OF HEAD AND NECK
3883	OTHER SURGICAL OCCLUSION OF UPPER LIMB VESSELS
3884	OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL
3885	OTHER SURGICAL OCCLUSION OF THORACIC VESSEL
3886	OTHER SURGICAL OCCLUSION OF ABDOMINAL ARTERIES
3887	OTHER SURGICAL OCCLUSION OF ABDOMINAL VEINS
3888	OTHER SURGICAL OCCLUSION OF LOWER LIMB ARTERIES
3889	OTHER SURGICAL OCCLUSION OF LOWER LIMB VEINS
3941	CONTROL OF HEMORRHAGE FOLLOWING VASCULAR SURGERY
3998	CONTROL OF HEMORRHAGE NOS
4995	CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF ANUS
5793	CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF BLADDER
6094	CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF PROSTATE

*ICD-9-CM Drainage of Hematoma procedure codes:*

1809	OTHER INCISION OF EXTERNAL EAR
540	INCISION OF ABDOMINAL WALL
5412	REOPENING OF RECENT LAPAROTOMY SITE
5919	OTHER INCISION OF PERIVESICLE TISSUE
610	INCISION AND DRAINAGE OF SCROTUM AND TUNICA AND VAGINALIS
6998	OTHER OPERATIONS ON SUPPORTING STRUCTURES OF UTERUS
7014	OTHER VAGINOTOMY
7109	OTHER INCISION OF VULVA AND PERINEUM
7591	EVACUATION OF OBSTETRICAL INCISIONAL HEMATOMA OF PERINEUM
7592	EVACUATION OF OTHER HEMATOMA OF VULVA OR VAGINA
8604	OTHER INCISION W/ DRAINAGE OF SKIN AND SUBCUTANEOUS TISSUE

**Denominator:**

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

See [Appendix A: Operating Room Procedure Codes](#)

See [Appendix B: Surgical Discharge DRGs](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

**Exclude cases:**

- with ICD-9-CM codes for postoperative hemorrhage or postoperative hematoma in the principal diagnosis field
  - where the only operating room procedure is postoperative control of hemorrhage or drainage of hematoma.
  - where a procedure for postoperative control of hemorrhage or drainage of hematoma occurs before 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.*
- MDC 14 (pregnancy, childbirth, and puerperium).

## Postoperative Physiologic and Metabolic Derangement (PSI 10)

### Numerator:

Discharges with ICD-9-CM codes for physiologic and metabolic derangements in any secondary diagnosis field.

Discharges with acute renal failure (subgroup of physiologic and metabolic derangements) must be accompanied by a procedure code for dialysis (39.95, 54.98).

*ICD-9-CM Physiologic and Metabolic Derangements diagnosis codes:*

Diabetes with ketoacidosis:

25010 TYPE 2, OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED  
 25011 TYPE 1 NOT STATED AS UNCONTROLLED  
 25012 TYPE 2, OR UNSPECIFIED TYPE, UNCONTROLLED  
 25013 TYPE 1 UNCONTROLLED

Acute renal failure:

5845 W/ LESION OF TUBULAR NECROSIS  
 5846 W/ LESION OF RENAL CORTICAL NECROSIS  
 5847 W/ LESION OF RENAL MEDULLARY [PAPILLARY] NECROSIS  
 5848 W/ OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY  
 5849 ACUTE RENAL FAILURE, UNSPECIFIED  
 586 ACUTE RENAL FAILURE, UNSPECIFIED-OCT05  
 9975 URINARY COMPLICATIONS-OCT05

Diabetes with hyperosmolarity:

25020 TYPE 2, OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED  
 25021 TYPE 1 NOT STATED AS UNCONTROLLED  
 25022 TYPE 2, OR UNSPECIFIED TYPE, UNCONTROLLED  
 25023 TYPE 1 UNCONTROLLED

Diabetes with other coma:

25030 TYPE 2, OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED  
 25031 TYPE 1 NOT STATED AS UNCONTROLLED  
 25032 TYPE 2, OR UNSPECIFIED TYPE, UNCONTROLLED  
 25033 TYPE 1 UNCONTROLLED

### Denominator:

All elective\* surgical discharges 18 years and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure.

See [Appendix A: Operating Room Procedure Codes](#)

See [Appendix B: Surgical Discharge DRGs](#)

\*Elective - SID Admission type # is recorded as elective (Admission Type = 3)

Exclude cases:

- with ICD-9-CM codes for physiologic and metabolic derangements (see Numerator) in the principal diagnosis field.
- with a principal ICD-9-CM code for chronic renal failure
- with acute renal failure (see Numerator) where a procedure for dialysis 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.*

**Postoperative Physiologic and Metabolic Derangement (PSI 10)**

- with both a diagnosis code of ketoacidosis, hyperosmolarity, or other coma (subgroups of physiologic and metabolic derangements coding) **and** a principal diagnosis of diabetes.
- with both a secondary diagnosis code for acute renal failure (subgroup of physiologic and metabolic derangements coding) **and** a principal diagnosis of acute myocardial infarction, cardiac arrhythmia, cardiac arrest, shock, hemorrhage, or gastrointestinal hemorrhage.
- MDC 14 (pregnancy, childbirth and the puerperium)

See [Appendix M: Acute Myocardial Infarction \(AMI\) Diagnosis Codes](#)

See [Appendix N: Cardiac Arrhythmia Diagnosis Codes](#)

See [Appendix H: Shock Diagnosis Codes](#)

See [Appendix G: Hemorrhage Diagnosis Codes](#)

See [Appendix I: ICD-9-CM Gastrointestinal \(GI\) Hemorrhage Diagnosis Codes](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

*ICD-9-CM Chronic Renal Failure diagnosis code:*

40301 MAL HYP KIDNEY W CHR KID  
 40311 BEN HYP KIDNEY W CHR KID  
 40391 HYP KIDNEY NOS W CHR KID  
 40402 MAL HY HRT/KID W CHR KID  
 40403 MAL HYP HRT/KID W HF/KID  
 40412 BEN HYP HT/KID W CHR KID  
 40413 BEN HYP HT/KID W HF/KID  
 40492 HYP HT/KID NOS W CHR KID  
 40493 HYP HRT/KID NOS W HF/KID  
 585 CHRONIC RENAL FAILURE  
 5855 CHRON KIDNEY DIS STAGE V  
 5856 END STAGE RENAL DISEASE

*ICD-9-CM Diabetes diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits):*

2500 DIABETES MELLITUS W/O MENTION OF COMPLICATION  
 2501 DIABETES W/ KETOACIDOSIS  
 2502 DIABETES W/ HYPEROSMOLARITY  
 2503 DIABETES W/ OTHER COMA  
 2504 DIABETES W/ RENAL MANIFESTATIONS  
 2505 DIABETES W/ OPHTHALMIC MANIFESTATIONS  
 2506 DIABETES W/ NEUROLOGICAL MANIFESTATIONS  
 2507 DIABETES W/ PERIPHERAL CIRCULATORY DISORDERS  
 2508 DIABETES W/ OTHER SPECIFIED MANIFESTATIONS  
 2509 DIABETES W/ OTHER UNSPECIFIED COMPLICATIONS

*Cardiac Arrhythmia DRGs:*

138 CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/ CC  
 139 CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/O CC

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

4275 CARDIAC ARREST

## Postoperative Respiratory Failure (PSI 11)

### Numerator:

Discharges with ICD-9-CM codes for acute respiratory failure (518.81) in any secondary diagnosis field. (After 1999, include 518.84).

### OR

Discharges with ICD-9-CM codes for reintubation procedure as follows:

- (96.04) one or more days after the major operating room procedure code
- (96.70 or 97.71) two or more days after the major operating room procedure code
- (96.72) zero or more days after the major operating room procedure code

### Denominator:

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

See [Appendix A: Operating Room Procedure Codes](#)

See [Appendix B: Surgical Discharge DRGs](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

\*Elective - SID Admission type # is recorded as elective (Admission Type = 3)

### Exclude cases:

- with ICD-9-CM codes for acute respiratory failure in the principal diagnosis field.
- with ICD-9-CM diagnosis code of neuromuscular disorder
- where a procedure for tracheostomy is the only operating room procedure.
- where a procedure for tracheostomy occurs before 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.*
- MDC 14 (pregnancy, childbirth, and puerperium)
- MDC 4 (diseases/disorders of respiratory system)
- MDC 5 (diseases/disorders of circulatory system)

### ICD-9-CM Tracheostomy procedure codes:

3121	MEDIASTINAL TRACHEOSTOMY
3129	OTHER PERM TRACHEOSTOMY
3174	REVISION OF TRACHEOSTOMY

### ICD-9-CM Neuromuscular Disorder codes:

3570	AC INFECT POLYNEURITIS
35800	MYSTHNA GRVS W/O AC EXAC
35801	MYASTHNA GRAVS W AC EXAC
3581	MYASTHENIA IN OTH DIS
3582	TOXIC MYONEURAL DISORDER
3588	MYONEURAL DISORDERS NEC
3589	MYONEURAL DISORDERS NOS
3590	CONG HERED MUSC DYSTRPHY
3591	HERED PROG MUSC DYSTRPHY
3592	MYOTONIC DISORDERS
3593	FAMIL PERIODIC PARALYSIS
3594	TOXIC MYOPATHY
3595	MYOPATHY IN ENDOCRIN DIS



<b>Postoperative Respiratory Failure (PSI 11)</b>	
3596	INFL MYOPATHY IN OTH DIS
35981	CRITICAL ILLNESS MYOPATHY
35989	MYOPATHIES NEC
3599	MYOPATHY NOS

<b>Postoperative Pulmonary Embolism or Deep Vein Thrombosis (PSI 12)</b>	
<b>Numerator:</b>	
Discharges with ICD-9-CM codes for deep vein thrombosis or pulmonary embolism in any secondary diagnosis field.	
See <a href="#">Appendix K: Pulmonary Embolism/Deep Vein Thrombosis Diagnosis Codes</a>	
<b>Denominator:</b>	
All surgical discharges age 18 and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure (Appendix C).	
See <a href="#">Appendix A: Operating Room Procedure Codes</a>	
See <a href="#">Appendix B: Surgical Discharge DRGs</a>	
Exclude cases:	
<ul style="list-style-type: none"> <li>• with ICD-9-CM codes for deep vein thrombosis or pulmonary embolism in the principal diagnosis field</li> <li>• where a procedure for interruption of vena cava is the only operating room procedure</li> <li>• where a procedure for interruption of vena cava occurs before or on the same day as the first operating room procedure</li> </ul>	
<i>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.</i>	
<ul style="list-style-type: none"> <li>• MDC 14 (pregnancy, childbirth, and puerperium)</li> </ul>	
See <a href="#">Appendix K: Pulmonary Embolism/Deep Vein Thrombosis Diagnosis Codes</a>	
Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.	
<i>ICD-9-CM Interruption Of Vena Cava procedure code:</i>	
387	INTERRUPTION OF VENA CAVA

<b>Postoperative Sepsis (PSI 13)</b>	
<b>Numerator:</b>	
Discharges with ICD-9-CM code for sepsis in any secondary diagnosis field.	
See <a href="#">Appendix O: Sepsis Diagnosis Codes</a>	
<b>Denominator:</b>	
All elective* surgical discharges age 18 and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure.	
See <a href="#">Appendix A: Operating Room Procedure Codes</a>	

### Postoperative Sepsis (PSI 13)

See [Appendix B: Surgical Discharge DRGs](#)

\*Elective - SID Admission type # is recorded as elective (Admission Type = 3)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude cases:

- with ICD-9-CM codes for sepsis in the principal diagnosis field
- with a principal diagnosis of infection, or any code for immunocompromised state, or cancer
- MDC 14 (pregnancy, childbirth, and puerperium)
- with length of stay of less than 4 days

See [Appendix O: Sepsis Diagnosis Codes](#)

See [Appendix P: Infection Diagnosis Codes and DRGs](#)

See [Appendix D: ICD-9-CM Codes for Immunocompromised States](#)

See [Appendix E: Cancer Codes](#)

See [Appendix Q: Cancer DRGs](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

### Postoperative Wound Dehiscence (PSI 14 and 24)

#### Numerator:

Discharges with ICD-9-CM code for reclosure of postoperative disruption of abdominal wall (54.61) in any procedure field.

#### Denominator:

All abdominopelvic surgical discharges age 18 and older.

Exclude cases:

- where a procedure for reclosure of postoperative disruption of abdominal wall occurs before or on the same day as the first abdominopelvic surgery 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*
- where length of stay is less than 2 days
- with immunocompromised state
- MDC 14 (pregnancy, childbirth, and puerperium).

See [Appendix D: ICD-9-CM Codes for Immunocompromised States](#)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI detailed definition.

*ICD-9-CM Abdominopelvic procedure codes:*

3804	INCISION OF AORTA
3806	INCISION OF ABDOMINAL ARTERIES
3807	INCISION OF ABDOMINAL VEINS
3814	ENDARTERECTOMY OF AORTA
3816	ENDARTERECTOMY OF ABDOMINAL ARTERIES

**Postoperative Wound Dehiscence (PSI 14 and 24)**

3834	RESECTION OF AORTA W/ ANASTOMOSIS
3836	RESECTION OF ABDOMINAL ARTERIES W/ ANASTOMOSIS
3837	RESECTION OF ABDOMINAL VEINS W/ ANASTOMOSIS
3844	RESECTION OF AORTA, ABDOMINAL W/ REPLACEMENT
3846	RESECTION OF ABDOMINAL ARTERIES W/ REPLACEMENT
3847	RESECTION OF ABDOMINAL VEINS W/ REPLACEMENT
3857	LIGATION AND STRIPPING OF VARICOSE VEINS, ABDOMINAL VEINS
3864	OTHER EXCISION OF AORTA, ABDOMINAL
3866	OTHER EXCISION OF ABDOMINAL ARTERIES
3867	OTHER EXCISION OF ABDOMINAL VEINS
3884	OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL
3886	OTHER SURGICAL OCCLUSION OF ABDOMINAL ARTERIES
3887	OTHER SURGICAL OCCLUSION OF ABDOMINAL VEINS
391	INTRA-ABDOMINAL VENOUS SHUNT
3924	AORTA-RENAL BYPASS
3925	AORTA-ILIAC-FEMORAL BYPASS
3926	OTHER INTRA-ABDOMINAL VASCULAR SHUNT OR BYPASS
4052	RADICAL EXCISION OF PERIAORTIC LYMPH NODES
4053	RADICAL EXCISION OF ILIAC LYMPH NODES
412	SPLENOTOMY
4133	OPEN BIOPSY OF SPLEEN
4141	MARSUPIALIZATION OF SPLENIC CYST
4142	EXCISION OF LESION OR TISSUE OF SPLEEN
4143	PARTIAL SPLENECTOMY
415	TOTAL SPLENECTOMY
4193	EXCISION OF ACCESSORY SPLEEN
4194	TRANSPLANTATION OF SPLEEN
4195	REPAIR AND PLASTIC OPERATIONS ON SPLEEN
4199	OTHER OPERATIONS ON SPLEEN
4240	ESOPHAGECTOMY, NOS
4241	PARTIAL ESOPHAGECTOMY
4242	TOTAL ESOPHAGECTOMY
4253	INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL
4254	OTHER INTRATHORACIC ESOPHAGOENTEROSTOMY
4255	INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON
4256	OTHER INTRATHORACIC ESOPHAGOCOLOSTOMY
4263	ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL
4264	OTHER ANTESTERNAL ESOPHAGOENTEROSTOMY
4265	ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON
4266	OTHER ANTESTERNAL ESOPHAGOCOLOSTOMY
4291	LIGATION OF ESOPHAGEAL VARICES
430	GASTROTOMY
433	PYLOROMYOTOMY
4342	LOCAL EXCISION OF OTHER LESION OR TISSUE OF STOMACH
4349	OTHER DESTRUCTION OF LESION OR TISSUE OF STOMACH
435	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO ESOPHAGUS
436	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO DUODENUM
437	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO JEJUNUM
4381	PARTIAL GASTRECTOMY W/ JEJUNA TRANSPOSITION
4389	OTHER PARTIAL GASTRECTOMY
4391	TOTAL GASTRECTOMY W/ INTESTINAL INTERPOSITION
4399	OTHER TOTAL GASTRECTOMY
4400	VAGOTOMY, NOS
4401	TRUNCAL VAGOTOMY
4402	HIGHLY SELECTIVE VAGOTOMY
4403	OTHER SELECTIVE VAGOTOMY
4411	TRANSABDOMINAL GASTROSCOPY
4415	OPEN BIOPSY OF STOMACH
4421	DILATION OF PYLORUS BY INCISION
4429	OTHER PYLOROPLASTY

**Postoperative Wound Dehiscence (PSI 14 and 24))**

4431	HIGH GASTRIC BYPASS
4439	OTHER GASTROENTEROSTOMY
4440	SUTURE OF PEPTIC ULCER, NOS
4441	SUTURE OF GASTRIC ULCER SITE
4442	SUTURE OF DUODENAL ULCER SITE
445	REVISION OF GASTRIC ANASTOMOSIS
4461	SUTURE OF LACERATION OF STOMACH
4463	CLOSURE OF OTHER GASTRIC FISTULA
4464	GASTROPEXY
4465	ESOPHAGOGASTROPLASTY
4466	OTHER PROCEDURES FOR CREATION OF ESOPHAGOGASTRIC SPHINCTERIC COMPETENCE
4469	OTHER REPAIR OF STOMACH
4491	LIGATION OF GASTRIC VARICES
4492	INTRAOPERATIVE MANIPULATION OF STOMACH
4499**	GASTRIC OPERATION NEC (OCT 04)
4500	INCISION OF INTESTINE, NOS
4501	INCISION OF DUODENUM
4502	OTHER INCISION OF SMALL INTESTINE
4503	INCISION OF LARGE INTESTINE
4531	OTHER LOCAL EXCISION OF LESION OF DUODENUM
4532	OTHER DESTRUCTION OF LESION OF DUODENUM
4533	LOCAL EXCISION OF LESION OR TISSUE OF SMALL INTESTINE, EXCEPT DUODENUM
4534	OTHER DESTRUCTION OF LESION OF SMALL INTESTINE, EXCEPT DUODENUM
4541	EXCISION OF LESION OR TISSUE OF LARGE INTESTINE
4549	OTHER DESTRUCTION OF LESION OF LARGE INTESTINE
4550	ISOLATION OF INTESTINAL SEGMENT, NOS
4551	ISOLATION OF SEGMENT OF SMALL INTESTINE
4552	ISOLATION OF SEGMENT OF LARGE INTESTINE
4561	MULTIPLE SEGMENTAL RESECTION OF SMALL INTESTINE
4562	OTHER PARTIAL RESECTION OF SMALL INTESTINE
4563	TOTAL REMOVAL OF SMALL INTESTINE
4571	MULTIPLE SEGMENTAL RESECTION OF LARGE INTESTINE
4572	CESECTOMY
4573	RIGHT HEMICOLECTOMY
4574	RESECTION OF TRANSVERSE COLON
4575	LEFT HEMICOLECTOMY
4576	SIGMOIDECTOMY
4579	OTHER PARTIAL EXCISION OF LARGE INTESTINE
458	TOTAL INTRA-ABDOMINAL COLECTOMY
4590	INTESTINAL ANASTOMOSIS, NOS
4591	SMALL-TO-SMALL INTESTINAL ANASTOMOSIS
4592	ANASTOMOSIS OF SMALL INTESTINE TO RECTAL STUMP
4593	OTHER SMALL-TO-LARGE INTESTINAL ANASTOMOSIS
4594	LARGE-TO-LARGE INTESTINAL ANASTOMOSIS
4595	ANASTOMOSIS TO ANUS
4601	EXTERIORIZATION OF SMALL INTESTINE
4603	EXTERIORIZATION OF LARGE INTESTINE
4610	COLOSTOMY, NOS
4611	TEMPORARY COLOSTOMY
4613	PERMANENT COLOSTOMY
4620	ILEOSTOMY, NOS
4621	TEMPORARY ILESOSTOMY
4622	CONTINENT ILEOSTOMY
4623	OTHER PERMANENT ILEOSTOMY
4640	REVISION OF INTESTINA STOMA, NOS
4641	REVISION OF STOMA OF SMALL INTESTINE
4642	REPAIR OF PERICOLESTOMY HERNIA
4643	OTHER REVISION OF STOMA OF LARGE INTESTINE
4650	CLOSURE OF INTESTINAL STOMA, NOS
4651	CLOSURE OF STOMA OF SMALL INTESTINE

**Postoperative Wound Dehiscence (PSI 14 and 24)**

4652	CLOSURE OF STOMA OF LARGE INTESTINE
4660	FIXATION OF INTESTINE, NOS
4661	FIXATION OF SMALL INTESTINE TO ABDOMINAL WALL
4662	OTHER FIXATION OF SMALL INTESTINE
4663	FIXATION OF LARGE INTESTINE TO ABDOMINAL WALL
4664	OTHER FIXATION OF LARGE INTESTINE
4672	CLOSURE OF FISTULA OF DUODENUM
4674	CLOSURE OF FISTULA OF SMALL INTESTINE, EXCEPT DUODENUM
4676	CLOSURE OF FISTULA OF LARGE INTESTINE
4680	INTRA-ABDOMINAL MANIPULATION OF INTESTINE, NOS
4681	INTRA-ABDOMINAL MANIPULATION OF SMALL INTESTINE
4682	INTRA-ABDOMINAL MANIPULATION OF LARGE INTESTINE
4691	MYOTOMY OF SIGMOID COLON
4692	MYOTOMY OF OTHER PARTS OF COLON
4693	REVISION OF ANASTOMOSIS OF SMALL INTESTINE
4694	REVISION OF ANASTOMOSIS OF LARGE INTESTINE
4699	OTHER OPERATIONS ON INTESTINES
4709	OTHER APPENDECTOMY
4719	OTHER INCIDENTAL APPENDECTOMY
472	DRAINAGE OF APPENDICEAL ABSCESS
4791	APPENDECTOMY
4792	CLOSURE OF APPENDICEAL FISTULA
4799	OTHER OPERATIONS ON APPENDIX, OTHER
4841	SUBMUCOSAL RESECTION OF RECTUM
4849	OTHER PULL-THROUGH RESECTION OF RECTUM
485	ABDOMINOPERINEAL RESECTION OF RECTUM
4875	ABDOMINAL PROCTOPEXY
500	HEPATOTOMY
5012	OPEN BIOPSY OF LIVER
5021	MARSUPIALIZATION OF LESION OF LIVER
5022	PARTIAL HEPATECTOMY
5029	OTHER DESTRUCTION OF LESION OF LIVER
503	LOBECTOMY OF LIVER
504	TOTAL HEPATECTOMY
5051	AUXILIARY LIVER TRANSPLANT
5059	OTHER TRANSPLANT OF LIVER
5069	OTHER REPAIR OF LIVER
5103	OTHER CHOLECYSTOSTOMY
5104	OTHER CHOLECYSTOTOMY
5113	OPEN BIOPSY OF GALLBLADDER OR BILE DUCTS
5121	OTHER PARTIAL CHOLECYSTECTOMY
5122	CHOLECYSTECTOMY
5131	ANASTOMOSIS OF GALLBLADDER TO HEPATIC DUCTS
5132	ANASTOMOSIS OF GALLBLADDER TO INTESTINE
5133	ANASTOMOSIS OF GALLBLADDER TO PANCREAS
5134	ANASTOMOSIS OF GALLBLADDER TO STOMACH
5135	OTHER GALLBLADDER ANASTOMOSIS
5136	CHOLEDOCHOENTEROSTOMY
5137	ANASTOMOSIS OF HEPATIC DUCT TO GASTROINTESTINAL TRACT
5139	OTHER BILE DUCT ANASTOMOSIS
5141	COMMON DUCT EXPLORATION FOR REMOVAL OF CALCULUS
5142	COMMON DUCT EXPLORATION FOR RELIEF OF OTHER OBSTRUCTION
5143	INSERTION OF CHOLEDOCHOHEPATIC TUBE FOR DECOMPRESSION
5149	INCISION OF OTHER BILE DUCTS FOR RELIEF OF OBSTRUCTION
5151	EXPLORATION OF COMMON DUCT
5159	INCISION OF OTHER BILE DUCT
5161	EXCISION OF CYSTIC DUCT REMNANT
5162	EXCISION OF AMPULLA OF VATER W/ REIMPLANTATION OF COMMON DUCT
5163	OTHER EXCISION OF COMMON DUCT
5169	EXCISION OF OTHER BILE DUCT

**Postoperative Wound Dehiscence (PSI 14 and 24))**

5171	SIMPLE SUTURE OF COMMON BILE DUCT
5172	CHOLEDOCHOPLASTY
5179	REPAIR OF OTHER BILE DUCTS
5181	DILATION OF SPHINCTER OF ODDI
5182	PANCREATIC SPHINCTEROTOMY
5183	PANCREATIC SPHINCTEROPLASTY
5189	OTHER OPERATIONS ON SPHINCTER OF ODDI
5192	CLOSURE OF CHOLECYSTOSTOMY
5193	CLOSURE OF OTHER BILIARY FISTULA
5194	REVISION OF ANASTOMOSIS OF BILIARY TRACT
5195	REMOVAL OF PROSTHETIC DEVICE FROM BILE DUCT
5199	OTHER OPERATIONS ON BILIARY TRACT
5201	DRAINAGE OF PANCREATIC CYST BY CATHETER
5209	OTHER PANCREATOTOMY
5212	OPEN BIOPSY OF PANCREAS
5222	OTHER EXCISION OR DESTRUCTION OF LESION OR TISSUE OF PANCREAS OR PANCREATIC DUCT
523	MARSUPIALIZATION OF PANCREATIC CYST
524	INTERNAL DRAINAGE OF PANCREATIC CYST
5251	PROXIMAL PANCREATECTOMY
5252	DISTAL PANCREATECTOMY
5253	RADICAL SUBTOTAL PANCREATECTOMY
5259	OTHER PARTIAL PANCREATECTOMY
526	TOTAL PANCREATECTOMY
527	RADICAL PANCREATICODUODENECTOMY
5280	PANCREATIC TRANSPLANT, NOS
5281	REIMPLANTATION
5282	HOMOTRANSPLANT OF PANCREAS
5283	HETEROTRANSPLANT OF PANCREAS
5292	CANNULATION OF PANCREATIC DUCT
5295	OTHER REPAIR OF PANCREAS
5296	ANASTOMOSIS OF PANCREAS
5299	OTHER OPERATIONS ON PANCREAS
5300	UNILATERAL REPAIR OF INGUINAL HERNIA, NOS
5301	REPAIR OF DIRECT INGUINAL HERNIA
5302	REPAIR OF INDIRECT INGUINAL HERNIA
5303	REPAIR OF DIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5304	REPAIR OF INDIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5305	REPAIR OF INGUINAL HERNIA W/ GRAFT OR PROSTHESIS, NOS
5310	BILATERAL REPAIR OF INGUINAL HERNIA, NOS
5311	BILATERAL REPAIR OF DIRECT INGUINAL HERNIA
5312	BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA
5313	BILATERAL REPAIR OF INGUINAL HERNIA, ONE DIRECT AND ONE INDIRECT
5314	BILATERAL REPAIR OF DIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5315	BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5316	BILATERAL REPAIR OF INGUINAL HERNIA, ONE DIRECT AND ONE INDIRECT, W/ GRAFT OR PROSTHESIS
5317	BILATERAL INGUINAL HERNIA REPAIR W/ GRAFT OR PROSTHESIS, NOS
5321	UNILATERAL REPAIR OF FEMORAL HERNIA
5329	OTHER UNILATERAL FEMORAL HERNIORRHAPHY
5331	BILATERAL REPAIR OF FEMORAL HERNIA W/ GRAFT OR PROSTHESIS
5339	OTHER BILATERAL FEMORAL HERNIORRHAPHY
5341	REPAIR OF UMBILICAL HERNIA W/ PROSTHESIS
5349	OTHER UMBILICAL HERNIORRHAPHY
5351	INCISIONAL HERNIA REPAIR
5359	REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL
5361	INCISIONAL HERNIA REPAIR W/ PROSTHESIS
5369	REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL W/ PROSTHESIS
537	REPAIR OF DIAPHRAGMATIC HERNIA, ABDOMINAL APPROACH
540	INCISION OF ABDOMINAL WALL

**Postoperative Wound Dehiscence (PSI 14 and 24))**

5411	EXPLORATORY LAPAROTOMY
5419	OTHER LAPAROTOMY
5422	BIOPSY OF ABDOMINAL WALL OR UMBILICUS
5423	BIOPSY OF ABDOMINAL WALL OR UMBILICUS
543	EXCISION OR DESTRUCTION OF LESION OR TISSUE OF ABDOMINAL WALL OR UMBILICUS
544	EXCISION OR DESTRUCTION OF PERITONEAL TISSUE
5459	OTHER LYSIS OF PERITONEAL ADHESIONS
5463	OTHER SUTURE OF ABDOMINAL WALL
5464	SUTURE OF PERITONEUM
5471	REPAIR OF GASTROSCHISIS
5472	OTHER REPAIR OF ABDOMINAL WALLS
5473	OTHER REPAIR OF PERITONEUM
5474	OTHER REPAIR OF OMENTUM
5475	OTHER REPAIR OF MESENTERY
5492	REMOVAL OF FOREIGN BODY FROM PERITONEAL CAVITY
5493	CREATION OF CUTANEOPERITONEAL FISTULA
5494	CREATION OF PERITONEOVASCULAR SHUNT
5495	INCISION OF PERITONEUM
5551	NEPHROURETERECTOMY
5552	NEPHRECTOMY OF REMAINING KIDNEY
5553	REMOVAL OF TRANSPLANTED OR REJECTED KIDNEY
5554	BILATERAL NEPHRECTOMY
5561	RENAL AUTOTRANSPLANTATION
5569	OTHER KIDNEY TRANSPLANTATION
557	NEPHROPEXY
5583	CLOSURE OF OTHER FISTULA OF KIDNEY
5584	REDUCTION OF TORSION OF RENAL
5585	SYMPHYSIOTOMY FOR HOESHOE KIDNEY
5586	ANASTOMOSIS OF KIDNEY
5587	CORRECTION OF URETEROPELVIC JUNCTION
5591	DECAPSULATION OF KIDNEY
5597	IMPLANTATION OR REPLACEMENT OF MECHANICAL KIDNEY
5598	REMOVAL OF MECHANICAL KIDNEY
5651	FORMATION OF CUTANEOUS URETERO-ILEOSTOMY
5652	REVISION OF CUTANEOUS URETERO-ILEOSTOMY
5661	FORMATION OF OTHER CUTANEOUS URETEROSTOMY
5662	REVISION OF OTHER CUTANEOUS URETEROSTOMY
5671	URINARY DIVERSION TO INTESTINE
5672	REVISION OF URETEROINTESTINAL ANASTOMOSIS
5673	NEPHROCYSTANASTOMOSIS, NOS
5674	URETERONEOXYSTOSTOMY
5675	TRANSURETEROURETEROSTOMY
5683	CLOSURE OF URETEROSTOMY
5684	CLOSURE OF OTHER FISTULA OF URETER
5685	URETEROPEXY
5686	REMOVAL OF LIGATURE FROM URETER
5689	OTHER REPAIR OF URETER
5695	LIGATION OF URETER
5771	RADICAL CYSTECTOMY
5779	OTHER TOTAL CYSTECTOMY
5782	CLOSURE OF CYSTOSTOMY
5787	RECONSTRUCTION OF URINARY BLADDER
5900	RETROPERITONEAL DISSECTION, NOS
5902	OTHER LYSIS OF PERIRENAL OR PERIURETERAL ADHESIONS
5909	OTHER INCISION OF PERIRENAL OR PERIURETERAL TISSUE
6012	OPEN BIOPSY OF PROSTATE
6014	OPEN BIOPSY OF SEMINAL VESICLES
6015	BIOPSY OF PERIPROSTATIC TISSUE
603	SUPRAPUBIC PROSTATECTOMY
604	RETROPUBIC PROSTATECTOMY

**Postoperative Wound Dehiscence (PSI 14 and 24))**

605	RADICAL PROSTATECTOMY
6061	LOCAL EXCISION OF LESION OF PROSTATE
6072	INCISION OF SEMINAL VESICLE
6073	EXCISION OF SEMINAL VESICLE
6079	OTHER OPERATIONS ON SEMINAL VESICLES
6093	REPAIR OF PROSTATE
6509	OTHER OOPHORECTOMY
6512	OTHER BIOPSY OF OVARY
6521	MARSUPIALIZATION OF OVARIAN CYST
6522	WEDGE RESECTION OF OVARY
6529	OTHER LOCAL EXCISION OR DESTRUCTION OF OVARY
6539	OTHER UNILATERAL OOPHORECTOMY
6549	OTHER UNILATERAL SALPINGOOPHORECTOMY
6551	OTHER REMOVAL OF BOTH OVARIES AT SAME OPERATIVE EPISODE
6552	OTHER REMOVAL OF REMAINING OVARY
6561	OTHER REMOVAL OF BOTH OVARIES AND TUBES AT SAME OPERATIVE EPISODE
6562	OTHER REMOVAL OF REMAINING OVARY AND TUBE
6571	OTHER SIMPLE SUTURE OF OVARY
6572	OTHER REIMPLANTATION OF OVARY
6573	OTHER SALPINGO OOPHOROPLASTY
6579	OTHER REPAIR OF OVARY
6589	OTHER LYSIS OF ADHESIONS OF OVARY AND FALLOPIAN TUBE
6592	TRANSPLANTATION OF OVARY
6593	MANUAL RUPTURE OF OVARIAN CYST
6594	OVARIAN DENERVATION
6595	RELEASE OF TORSION OF OVARY
6599	OTHER OPERATIONS ON OVARY
6601	SALPINGOTOMY
6602	SALPINGOSTOMY
6631	OTHER BILATERAL LIGATION AND CRUSHING OF FALLOPIAN TUBES
6632	OTHER BILATERAL LIGATION AND DIVISION OF FALLOPIAN TUBES
6639	OTHER BILATERAL DESTRUCTION OR OCCLUSION OF FALLOPIAN TUBES
664	TOTAL UNILATERAL SALPINGECTOMY
6651	REMOVAL OF BOTH FALLOPIAN TUBES AT SAME OPERATIVE EPISODE
6652	REMOVAL OF REMAINING FALLOPIAN TUBE
6661	EXCISION OR DESTRUCTION OF LESION OF FALLOPIAN TUBE
6662	SALPINGECTOMY W/ REMOVAL OF TUBAL PREGNANCY
6663	BILATERAL PARTIAL SALPINGECTOMY, NOS
6669	OTHER PARTIAL SALPINGECTOMY
6671	SIMPLE SUTURE OF FALLOPIAN TUBE
6672	SALPINGO-OOPHOROSTOMY
6673	SALPINGO-SALPINGOSTOMY
6674	SALPINGO-UTEROSTOMY
6679	OTHER REPAIR OF FALLOPIAN TUBE
6692	UNILATERAL DESTRUCTION OR OCCLUSION OF FALLOPIAN TUBE
6697	BURYING OF FIMBRIAE IN UTERINE WALL
680	OTHER INCISION AND EXCISION OF UTERUS
6813	OPEN BIOPSY OF UTERUS
6814	OPEN BIOPSY OF UTERINE LIGAMENTS
683	SUBTOTAL ABDOMINAL HYSTERECTOMY
6839	OTHER SUBTOTAL ABDOMINAL HYSTERECTOMY
684	TOTAL ABDOMINAL HYSTERECTOMY
686	RADICAL ABDOMINAL HYSTERECTOMY
688	PELVIC EVISCERATION
6922	OTHER UTERINE SUSPENSION
693	PARACERVICAL UTERINE DENERVATION
6941	SUTURE OF LACERATION OF UTERUS
6942	CLOSURE OF FISTULA OF UTERUS
6949	OTHER REPAIR OF UTERUS



**Postoperative Wound Dehiscence (PSI 14 and 24))**

\*\* only for discharges occurring on or after October 1, 2004

**Accidental Puncture or Laceration, Secondary Diagnosis Field (PSI 15 and 25)**

**Numerator:**

Discharges with ICD-9-CM code denoting accidental cut, puncture, perforation or laceration during a procedure in any secondary diagnosis field.

*ICD-9-CM Accidental Puncture or Laceration diagnosis codes:*

Accidental cut, puncture, perforation, or hemorrhage during medical care:

- E8700 SURGICAL OPERATION
- E8701 INFUSION OR TRANSFUSION
- E8702 KIDNEY DIALYSIS OR OTHER PERFUSION
- E8703 INJECTION OR VACCINATION
- E8704 ENDOSCOPIC EXAMINATION
- E8705 ASPIRATION OF FLUID OR TISSUE, PUNCTURE, AND CATHETERIZATION
- E8706 HEART CATHETERIZATION
- E8707 ADMINISTRATION OF ENEMA
- E8708 OTHER SPECIFIED MEDICAL CARE
- E8709 UNSPECIFIED MEDICAL CARE

9982 ACCIDENTAL PUNCTURE OR LACERATION DURING A PROCEDURE

**Denominator:**

All surgical and medical discharges age 18 years and older defined by specific DRGs.

See [Appendix B: Surgical Discharge DRGs](#)

See [Appendix F: Medical Discharge DRGs](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude cases:

- with ICD-9-CM code denoting technical difficulty (e.g., accidental cut, puncture, perforation, or laceration) in the principal diagnosis field
- MDC 14 (pregnancy, childbirth, and puerperium).

**Transfusion Reaction, Secondary Diagnosis Field (PSI 16 and 26)**

**Numerator:**

Discharges with ICD-9-CM codes for transfusion reaction in any secondary diagnosis field.

*ICD-9-CM Transfusion Reaction diagnosis codes:*

- 9996 ABO INCOMPATIBILITY REACTION
- 9997 RH INCOMPATIBILITY REACTION
- E8760 MISMATCHED BLOOD IN TRANSFUSION

### Transfusion Reaction, Secondary Diagnosis Field (PSI 16 and 26)

#### Denominator:

All surgical and medical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium), defined by specific DRGs.

See [Appendix B: Surgical Discharge DRGs](#)

See [Appendix F: Medical Discharge DRGs](#)

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude cases with ICD-9-CM code for transfusion reaction in the principal diagnosis field

### Birth Trauma—Injury to Neonate (PSI 17)

#### Numerator:

Discharges with ICD-9-CM codes for birth trauma in any diagnosis field.

#### ICD-9-CM Birth Trauma diagnosis codes:

7670	SUBDURAL AND CEREBRAL HEMORRHAGE (DUE TO TRAUMA OR TO INTRAPARTUM ANOXIA OR HYPOXIA)
76711	EPICRANIAL SUBAPONEUROTIC HEMORRHAGE (MASSIVE) (OCT 03)
7673	INJURIES TO SKELETON (EXCLUDES CLAVICLE)
7674	INJURY TO SPINE AND SPINAL CORD
7677	OTHER CRANIAL AND PERIPHERAL NERVE INJURIES
7678	OTHER SPECIFIED BIRTH TRAUMA
7679	BIRTH TRAUMA, UNSPECIFIED

*Note: Because 767.1 was not previously included in the numerator specification, the addition of 767.11 may cause an increase in the rate.*

#### Exclude infants:

- with a subdural or cerebral hemorrhage (subgroup of birth trauma coding) **and** any diagnosis code of pre-term infant (denoting birth weight of less than 2,500 grams and less than 37 weeks gestation or 34 weeks gestation or less).
- with injury to skeleton (767.3, 767.4) **and** any diagnosis code of osteogenesis imperfecta (756.51).

#### ICD-9-CM Preterm Infant diagnosis codes:

76501	EXTREME IMMATUREITY, LESS THAN 500 GRAMS
76502	EXTREME IMMATUREITY, 500 – 749 GRAMS
76503	EXTREME IMMATUREITY, 750 – 999 GRAMS
76504	EXTREME IMMATUREITY, 1000 – 1249 GRAMS
76505	EXTREME IMMATUREITY, 1250 – 1499 GRAMS
76506	EXTREME IMMATUREITY, 1500 – 1749 GRAMS
76507	EXTREME IMMATUREITY, 1750 – 1999 GRAMS
76508	EXTREME IMMATUREITY, 2000 – 2499 GRAMS
76511	OTHER PRETERM INFANTS, LESS THAN 500 GRAMS
76512	OTHER PRETERM INFANTS, 500 – 749 GRAMS
76513	OTHER PRETERM INFANTS, 750 – 999 GRAMS
76514	OTHER PRETERM INFANTS, 1000 – 1249 GRAMS

**Birth Trauma—Injury to Neonate (PSI 17)**

- 76515 OTHER PRETERM INFANTS, 1250 – 1499 GRAMS
- 76516 OTHER PRETERM INFANTS, 1500 – 1749 GRAMS
- 76517 OTHER PRETERM INFANTS, 1750 – 1999 GRAMS
- 76518 OTHER PRETERM INFANTS, 2000 – 2499 GRAMS
- 76521 LESS THAN 24 COMPLETED WEEKS OF GESTATION
- 76522 24 COMPLETED WEEKS OF GESTATION
- 76523 25-26 COMPLETED WEEKS OF GESTATION
- 76524 27-28 COMPLETED WEEKS OF GESTATION
- 76525 29-30 COMPLETED WEEKS OF GESTATION
- 76526 31-32 COMPLETED WEEKS OF GESTATION
- 76527 33-34 COMPLETED WEEKS OF GESTATION

**Denominator:**

All liveborn births (newborns).

The definition of newborn is any neonate with either 1) an ICD-9-CM diagnosis code for an in-hospital liveborn birth or 2) an admission type of newborn (SID ATYPE=4), age in days at admission equal to zero, and not an ICD-9-CM diagnosis code for an out-of-hospital birth. A neonate is defined as any discharge with age in days at admission between zero and 28 days (inclusive). If age in days is missing, then a neonate is defined as any DRG in MDC 15, an admission type of newborn (SID ATYPE=4), or an ICD-9-CM diagnosis code for an in-hospital liveborn birth.

*Newborn in Hospital Live Birth Codes*

V3000 SINGLE LB IN-HOSP W/O CS (OCT 05)	V3401 OTH MULT LB-IN HOSP W CS (OCT 05)
V3001 SINGLE LB IN-HOSP W CS (OCT 05)	V3500 OTH MULT SB-HOSP W/O CS (OCT 05)
V3100 TWIN-MATE LB-HOSP W/O CS (OCT 05)	V3501 OTH MULT SB-IN HOSP W CS (OCT 05)
V3101 TWIN-MATE LB-IN HOS W CS (OCT 05)	V3600 MULT LB/SB-IN HOS W/O CS (OCT 05)
V3200 TWIN-MATE SB-HOSP W/O CS (OCT 05)	V3601 MULT LB/SB-IN HOSP W CS (OCT 05)
V3201 TWIN-MATE SB-HOSP W CS (OCT 05)	V3700 MULT BRTH NOS-HOSP W/O CS (OCT 05)
V3300 TWIN-NOS-IN HOSP W/O CS (OCT 05)	V3701 MULT BIRTH NOS-HOSP W CS (OCT 05)
V3301 TWIN-NOS-IN HOSP W CS (OCT 05)	V3900 LIVEBORN NOS-HOSP W/O CS (OCT 05)
V3400 OTH MULT LB-HOSP W/O CS (OCT 05)	V3901 LIVEBORN NOS-HOSP W CS (OCT 05)

OR

SID Admission type recorded as (4) and Age in Days at Admission equal to zero:

*AND NOT*

*Newborn out of Hospital codes:*

V301 SINGL LIVEBRN-BEFORE ADM (OCT 05)	V342 OTH MULTIPLE NB-NONHOSP (OCT 05)
V302 SINGLE LIVEBORN-NONHOSP (OCT 05)	V351 OTH MULT SB-BEFORE ADM (OCT 05)
V311 TWIN, MATE LB-BEFORE ADM (OCT 05)	V352 OTH MULTIPLE SB-NONHOSP (OCT 05)
V312 TWIN, MATE LB-NONHOSP (OCT 05)	V361 MULT NB/SB-BEFORE ADM (OCT 05)
V321 TWIN, MATE SB-BEFORE ADM (OCT 05)	V362 MULTIPLE NB/SB-NONHOSP (OCT 05)
V322 TWIN, MATE SB-NONHOSP (OCT 05)	V371 MULT BRTH NOS-BEFORE ADM (OCT 05)
V331 TWIN NOS-BEFORE ADMISSN (OCT 05)	V372 MULT BIRTH NOS-NONHOSP (OCT 05)
V332 TWIN NOS-NONHOSP (OCT 05)	V391 LIVEBORN NOS-BEFORE ADM (OCT 05)
V341 OTH MULT NB-BEFORE ADM (OCT 05)	V392 LIVEBORN NOS-NONHOSP (OCT 05)

**Obstetric Trauma—Vaginal Delivery with Instrument (PSI 18)**

**Numerator:**

Discharges with ICD-9-CM codes for 3<sup>rd</sup> and 4<sup>th</sup> degree obstetric trauma in any diagnosis or procedure field.

*ICD-9-CM Obstetric Trauma diagnosis codes:*

- 66420,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, THIRD DEGREE PERINEAL LACERATION
- 66430,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH DEGREE PERINEAL LACERATION

*ICD-9-CM Obstetric Trauma procedure codes:*

- 7550 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF UTERUS
- 7551 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CERVIX
- 7552 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CORPUS UTERI
- 7561 REPAIR OF CURRENT OBSTETRIC LACERATION OF BLADDER AND URETHRA
- 7562 REPAIR OF CURRENT OBSTETRIC LACERATION OF RECTUM AND SPHINCTER ANI

**Denominator:**

All vaginal delivery discharges with any procedure code for instrument-assisted delivery.

*Vaginal Delivery DRGs:*

- 372 VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES
- 373 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES
- 374 VAGINAL DELIVERY W/ STERILIZATION AND/OR D AND C
- 375 VAGINAL DELIVERY W/ OR PROCEDURE EXCEPT STERILIZATION AND/OR D AND C

*ICD-9-CM Instrument-Assisted Delivery procedure codes:*

- 720 LOW FORCEPS OPERATION
- 721 LOW FORCEPS OPERATION W/ EPISIOTOMY
- 7221 MID FORCEPS OPERATION W/ EPISIOTOMY
- 7229 OTHER MID FORCEPS OPERATION
- 7231 HIGH FORCEPS OPERATION W/ EPISIOTOMY
- 7239 OTHER HIGH FORCEPS OPERATION
- 724 FORCEPS ROTATION OF FETAL HEAD
- 7251 PARTIAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
- 7253 TOTAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
- 726 FORCEPS APPLICATION TO AFTERCOMING HEAD
- 7271 VACUUM EXTRACTION W/ EPISIOTOMY
- 7279 VACUUM EXTRACTION DELIVERY NEC
- 728 OTHER SPECIFIED INSTRUMENTAL DELIVERY
- 729 UNSPECIFIED INSTRUMENTAL DELIVERY

**Obstetric Trauma—Vaginal Delivery without Instrument (PSI 19)**

**Numerator:**

Discharges with ICD-9-CM codes for 3<sup>rd</sup> and 4<sup>th</sup> degree obstetric trauma in any diagnosis or procedure field.

*ICD-9-CM Obstetric Trauma diagnosis codes:*

- 66420,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, THIRD DEGREE PERINEAL LACERATION
- 66430,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH DEGREE PERINEAL LACERATION

*ICD-9-CM Obstetric Trauma procedure codes:*

- 7550 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF UTERUS
- 7551 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CERVIX
- 7552 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CORPUS UTERI
- 7561 REPAIR OF CURRENT OBSTETRIC LACERATION OF BLADDER AND URETHRA
- 7562 REPAIR OF CURRENT OBSTETRIC LACERATION OF RECTUM AND SPHINCTER ANI

**Denominator:**

All vaginal delivery discharge patients.

*Vaginal Delivery DRGs:*

- 372 VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES
- 373 VAGINAL DELIVERY W/COMPLICATING DIAGNOSES
- 374 VAGINAL DELIVERY W/ STERILIZATION AND/OR D AND C
- 375 VAGINAL DELIVERY W/ OR PROCEDURE EXCEPT STERILIZATION AND/OR D AND C

Exclude instrument-assisted delivery.

*ICD-9-CM Instrument-Assisted Delivery procedure codes*

- 720 LOW FORCEPS OPERATION
- 721 LOW FORCEPS OPERATION W/ EPISIOTOMY
- 7221 MID FORCEPS OPERATION W/ EPISIOTOMY
- 7229 OTHER MID FORCEPS OPERATION
- 7231 HIGH FORCEPS OPERATION W/ EPISIOTOMY
- 7239 OTHER HIGH FORCEPS OPERATION
- 724 FORCEPS ROTATION OF FETAL HEAD
- 7251 PARTIAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
- 7253 TOTAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
- 726 FORCEPS APPLICATION TO AFTERCOMING HEAD
- 7271 VACUUM EXTRACTION W/ EPISIOTOMY
- 7279 VACUUM EXTRACTION DELIVERY NEC
- 728 OTHER SPECIFIED INSTRUMENTAL DELIVERY
- 729 UNSPECIFIED INSTRUMENTAL DELIVERY

**Obstetric Trauma—Cesarean Delivery (PSI 20)**

**Numerator:**

Discharges with ICD-9-CM codes for 3<sup>rd</sup> and 4<sup>th</sup> degree obstetric trauma in any diagnosis or procedure field.

*ICD-9-CM Obstetric Trauma diagnosis codes:*

66420,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, THIRD DEGREE PERINEAL LACERATION (PSI 29 ONLY)  
66430,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH DEGREE PERINEAL LACERATION

*ICD-9-CM Obstetric Trauma procedure codes:*

7550 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF UTERUS  
7551 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CERVIX  
7552 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CORPUS UTERI  
7561 REPAIR OF CURRENT OBSTETRIC LACERATION OF BLADDER AND URETHRA  
7562 REPAIR OF CURRENT OBSTETRIC LACERATION OF RECTUM AND SPHINCTER ANI

**Denominator:**

All cesarean delivery discharges.

*Cesarean Delivery DRGs:*

370 CESAREAN SECTION W/ CC  
371 CESAREAN SECTION W/OCC

## Appendix A: Operating Room Procedure Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Complications of Anesthesia (PSI 1)</a> - Page 1	<a href="#">Denominator inclusion</a> - Page 1
<a href="#">Decubitus Ulcer (PSI 3)</a> - Page 5	<a href="#">Denominator exclusion</a> - Page 5
<a href="#">Postoperative Hip Fracture (PSI 8)</a> - Page 21	<a href="#">Denominator inclusion</a> - Page 21
<a href="#">Postoperative Hemorrhage or Hematoma (PSI 9)</a> - Page 25	<a href="#">Denominator inclusion</a> - Page 26
<a href="#">Postoperative Physiologic and Metabolic Derangement (PSI 10)</a> - Page 27	<a href="#">Denominator inclusion</a> - Page 27
<a href="#">Postoperative Respiratory Failure (PSI 11)</a> - Page 29	<a href="#">Denominator inclusion</a> - Page 29
<a href="#">Postoperative Pulmonary Embolism or Deep Vein Thrombosis (PSI 12)</a> - Page 30	<a href="#">Denominator inclusion</a> - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the operating room procedure codes are referenced within the PSI detailed definition.

The ICD-9-CM codes added after January 17, 2005 are identified by the date of introduction, e.g., OCT 04, after the code label.

0050	IMPL CRT PACEMAKER SYS	0142	GLOBUS PALLIDUS OPS
0051	IMPL CRT DEFIBRILLAT SYS	0151	EX CEREB MENINGEAL LES
0052	IMP/REP LEAD LF VEN SYS	0152	HEMISPHERECTOMY
0053	IMP/REP CRT PACEMAKR GEN	0153	BRAIN LOBECTOMY
0054	IMP/REP CRT DEFIB GENAT	0159	OTHER BRAIN EXCISION
0061	PERC ANGIO PRECEREB VES (OCT 04)	016	EXCISE SKULL LESION
0062	PERC ANGIO INTRACRAN VES (OCT 04)	0201	LINEAR CRANIECTOMY
0066	PTCA OR CORONARY ATHER (OCT 05)	0202	ELEVATE SKULL FX FRAGMNT
0070	REV HIP REPL-ACETAB/FEM (OCT 05)	0203	SKULL FLAP FORMATION
0071	REV HIP REPL-ACETAB COMP (OCT 05)	0204	BONE GRAFT TO SKULL
0072	REV HIP REPL-FEM COMP (OCT 05)	0205	SKULL PLATE INSERTION
0073	REV HIP REPL-LINER/HEAD (OCT 05)	0206	CRANIAL OSTEOPLASTY NEC
0074	HIP REPL SURF-METAL/POLY (OCT 05)	0207	SKULL PLATE REMOVAL
0075	HIP REP SURF-METAL/METAL (OCT 05)	0211	SIMPLE SUTURE OF DURA
0076	HIP REP SURF-CERMC/CERMC (OCT 05)	0212	BRAIN MENINGE REPAIR NEC
0080	REV KNEE REPLACEMT-TOTAL (OCT 05)	0213	MENINGE VESSEL LIGATION
0081	REV KNEE REPL-TIBIA COMP (OCT 05)	0214	CHOROID PLEXECTOMY
0082	REV KNEE REPL-FEMUR COMP (OCT 05)	022	VENTRICULOSTOMY
0083	REV KNEE REPLACE-PATELLA (OCT 05)	0231	VENTRICL SHUNT-HEAD/NECK
0084	REV KNEE REPL-TIBIA LIN (OCT 05)	0232	VENTRI SHUNT-CIRCULA SYS
0112	OPEN CEREB MENINGES BX	0233	VENTRICL SHUNT-THORAX
0114	OPEN BRAIN BIOPSY	0234	VENTRICL SHUNT-ABDOMEN
0115	SKULL BIOPSY	0235	VENTRI SHUNT-UNINARY SYS
0118	OTHER BRAIN DX PROCEDURE	0239	OTHER VENTRICULAR SHUNT
0119	OTHER SKULL DX PROCEDURE	0242	REPLACE VENTRICLE SHUNT
0121	CRANIAL SINUS I & D	0243	REMOVE VENTRICLE SHUNT
0122	REMOV INTRACRAN STIMULAT	0291	LYSIS CORTICAL ADHESION
0123	REOPEN CRANIOTOMY SITE	0292	BRAIN REPAIR
0124	OTHER CRANIOTOMY	0293	IMPLANT BRAIN STIMULATOR
0125	OTHER CRANIECTOMY	0294	INSERT/REPLAC SKULL TONG
0126	INS CATH-CRANIAL CAVITY (OCT 05)	0299	SKULL & BRAIN OP NEC
0127	REM CATH-CRANIAL CAVITY (OCT 05)	0301	REMOVAL FB SPINAL CANAL
0131	INCISE CEREBRAL MENINGES	0302	REOPEN LAMINECTOMY SITE
0132	LOBOTOMY & TRACTOTOMY	0309	SPINAL CANAL EXPLOR NEC
0139	OTHER BRAIN INCISION	031	INTRASPIN NERVE ROOT DIV
0141	THALAMUS OPERATIONS	0321	PERCUTANEOUS CHORDOTOMY

Appendix A: Operating Room Procedure Codes

0329	OTHER CHORDOTOMY	0639	PART THYROIDECTOMY NEC
0332	SPINAL CORD/MENINGES BX	064	COMPLETE THYROIDECTOMY
0339	OTHER SPINAL DX PROC	0650	SUBSTERN THYROIDECT NOS
034	EXCIS SPINAL CORD LESION	0651	PART SUBSTERN THYROIDECT
0351	SPINE MENINGOCELE REPAIR	0652	TOT SUBSTERN THYROIDECT
0352	MYELOMENINGOCEL REPAIR	066	LINGUAL THYROID EXCISION
0353	VERTEBRAL FX REPAIR	067	THYROGLOSS DUCT EXCISION
0359	SPINAL STRUCT REPAIR NEC	0681	TOTAL PARATHYROIDECTOMY
036	SPINAL CORD ADHESIOLYSIS	0689	OTHER PARATHYROIDECTOMY
0371	SUBARACH-PERITON SHUNT	0691	THYROID ISTHMUS DIVISION
0372	SUBARACH-URETERAL SHUNT	0692	THYROID VESSEL LIGATION
0379	OTH SPINAL THECAL SHUNT	0693	THYROID SUTURE
0393	INSERT SPINAL STIMULATOR	0694	THYROID REIMPLANTATION
0394	REMOVE SPINAL STIMULATOR	0695	PARATHYROID REIMPLANT
0397	REVISE SPINE THECA SHUNT	0698	OTHER THYROID OPERATIONS
0398	REMOVE SPINE THECA SHUNT	0699	OTHER PARATHYROID OPS
0399	SPINE CANAL STRUC OP NEC	0700	ADRENAL EXPLORATION NOS
0401	EXCISION ACOUSTC NEUROMA	0701	UNILAT ADRENAL EXPLORAT
0402	TRIGEMINAL NERV DIVISION	0702	BILAT ADRENAL EXPLORAT
0403	PERIPH NERVE DIV NEC	0712	OPEN ADRENAL GLAND BX
0404	PERIPH NERVE INCIS NEC	0713	TRANSFRONT PITUITARY BX
0405	GASSERIAN GANGLIONECTOMY	0714	TRANSPHEN PITUITARY BX
0406	PERIPH GANGLIONECT NEC	0715	PITUITARY BIOPSY NOS
0407	PERIPH NERV EXCISION NEC	0716	THYMUS BIOPSY
0412	OPEN PERIPH NERVE BIOPSY	0717	PINEAL BIOPSY
0419	PERIPH NERVE DX PROC NEC	0719	ENDOCRINE DX PROC NEC
043	PERIPHERAL NERVE SUTURE	0721	ADRENAL LESION EXCISION
0441	DECOMPRESS TRIGEM ROOT	0722	UNILATERAL ADRENALECTOMY
0442	CRAN NERV ROOT DECOM NEC	0729	PART ADRENALECTOMY NEC
0443	CARPAL TUNNEL RELEASE	073	BILATERAL ADRENALECTOMY
0444	TARSAL TUNNEL RELEASE	0741	ADRENAL INCISION
0449	PER NERVE ADHESIOLYS NEC	0742	ADRENAL NERVE DIVISION
045	PERIPHERAL NERVE GRAFT	0743	ADRENAL VESSEL LIGATION
046	PERIPH NERVE TRANSPOSIT	0744	ADRENAL REPAIR
0471	HYPOGLOSS-FACIAL ANASTOM	0745	ADRENAL REIMPLANTATION
0472	ACCESSORY-FACIAL ANASTOM	0749	ADRENAL OPERATION NEC
0473	ACCESS-HYPOGLOSS ANASTOM	0751	PINEAL FIELD EXPLORATION
0474	PERIPH NERV ANASTOM NEC	0752	PINEAL GLAND INCISION
0475	POSTOP REVIS PER NERV OP	0753	PARTIAL PINEALECTOMY
0476	LATE REPAIR PER NERV INJ	0754	TOTAL PINEALECTOMY
0479	OTHER NEUROPLASTY	0759	PINEAL OPERATION NEC
0491	NEURECTASIS	0761	EXC PITUIT LES-TRANSFRON
0492	IMPLANT PERIPH STIMULAT	0762	EXC PITUIT LES-TRANSPHEN
0493	REMOVE PERIPH STIMULATOR	0763	PART EXCIS PITUITARY NOS
0499	PERIPHERAL NERVE OPS NEC	0764	TOT EXC PITUIT-TRANSFRON
050	SYMPATH NERVE DIVISION	0765	TOT EXC PITUIT-TRANSPHEN
0511	SYMPATHETIC NERVE BIOPSY	0768	TOTAL EXC PITUITARY NEC
0519	SYMPATH NRV DX PROC NEC	0769	TOTAL EXC PITUITARY NOS
0521	SPHENOPALATIN GANGLIONEC	0771	PITUITARY FOSSA EXPLORAT
0522	CERVICAL SYMPATHECTOMY	0772	PITUITARY GLAND INCISION
0523	LUMBAR SYMPATHECTOMY	0779	PITUITARY OPERATION NEC
0524	PRESACRAL SYMPATHECTOMY	0780	THYMECTOMY NOS
0525	PERIART SYMPATHECTOMY	0781	PART EXCISION OF THYMUS
0529	OTHER SYMPATHECTOMY	0782	TOTAL EXCISION OF THYMUS
0581	SYMPATHETIC NERVE REPAIR	0791	THYMUS FIELD EXPLORATION
0589	SYMPATHETIC NERVE OP NEC	0792	INCISION OF THYMUS
059	OTHER NERVOUS SYSTEM OPS	0793	REPAIR OF THYMUS
0602	REOPEN THYROID FIELD WND	0794	THYMUS TRANSPLANTATION
0609	INCIS THYROID FIELD NEC	0799	THYMUS OPERATION NEC
0612	OPEN THYROID GLAND BX	0811	EYELID BIOPSY
0613	PARATHYROID BIOPSY	0820	REMOVE EYELID LESION NOS
0619	THYR/PARATHY DX PROC NEC	0821	CHALAZION EXCISION
062	UNILAT THYROID LOBECTOMY	0822	EXCISE MINOR LES LID NEC
0631	EXCISION THYROID LESION	0823	EXC MAJ LES LID PRT-THIC



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0824	EXC MAJ LES LID FUL-THIC	1032	DESTRUCT CONJUNC LES NEC
0825	DESTRUCTION LID LESION	1033	OTH CONJUNC DESTRUC PROC
0831	PTOSIS REP-FRONT MUS SUT	1041	SYMBLEPH REP W FREE GRFT
0832	PTOSIS REP-FRON MUS SLNG	1042	GRAFT CONJUNC CUL-DE-SAC
0833	PTOSIS REP-LEVAT MUS ADV	1043	CONJUN CUL-DE-SAC RX NEC
0834	PTOSIS REP-LEVAT MUS NEC	1044	CONJUNC FREE GRAFT NEC
0835	PTOS REP-TARSAL TECHNIQ	1049	CONJUNCTIVOPLASTY NEC
0836	BLEPHAROPTOS REPAIR NEC	105	CONJUNC/LID ADHESIOLYSIS
0837	REDUC OVERCORRECT PTOSIS	106	REPAIR CONJUNCT LACERAT
0838	CORRECT LID RETRACTION	1091	SUBCONJUNCTIVAL INJECT
0841	THERMOCAUT/ENTROPION REP	1099	CONJUNCTIVAL OP NEC
0842	SUTURE ENTROPION REPAIR	110	MAGNET REMOVAL CORNEA FB
0843	WEDG RESEC ENTROPION REP	111	CORNEAL INCISION
0844	LID RECONS ENTROPION REP	1121	CORNEAL SCRAPE FOR SMEAR
0849	ENTROPION/ECTROP REP NEC	1122	CORNEAL BIOPSY
0851	CANTHOTOMY	1129	CORNEAL DX PROC NEC
0852	BLEPHARORRHAPHY	1131	PTERYGIUM TRANSPOSITION
0859	ADJUST LID POSITION NEC	1132	PTERYG EXC W CORNEA GRFT
0861	LID RECONST W SKIN GRAFT	1139	PTERYGIUM EXCISION NEC
0862	LID RECONST W MUC GRAFT	1141	MECH REMOV CORNEA EPITH
0863	LID RECONST W HAIR GRAFT	1142	THERMOCAUT CORNEA LESION
0864	LID RECON-TARSOCONJ FLAP	1143	CRYOTHERAP CORNEA LESION
0869	LID RECONSTR W GRAFT NEC	1149	DESTRUCT CORNEA LES NEC
0870	LID RECONSTRUCTION NOS	1151	SUTURE CORNEA LACERATION
0871	LID MARG RECON-PART THIC	1152	REP CORNEA POSTOP DEHISC
0872	LID RECONS-PART THIC NEC	1153	RX CORNEA LAC W CONJ FLP
0873	LID MARG RECONS FUL THIC	1159	CORNEAL REPAIR NEC
0874	LID RECONST-FUL THIC NEC	1160	CORNEAL TRANSPLANT NOS
0891	ELECTROSURG LID EPILAT	1161	LAM KERATPLAST W AUTGRFT
0892	CRYOSURG LID EPILATION	1162	LAMELLAR KERATOPLAST NEC
0893	EYELID EPILATION NEC	1163	PERF KERATOPL W AUTOGRFT
0899	EYELID OPERATION NEC	1164	PERFORAT KERATOPLAST NEC
090	LACRIMAL GLAND INCISION	1169	CORNEAL TRANSPLANT NEC
0911	LACRIMAL GLAND BIOPSY	1171	KERATOMILEUSIS
0912	LACRIMAL SAC BIOPSY	1172	KERATOPHAKIA
0919	LACRIMAL SYS DX PROC NEC	1173	KERATOPROSTHESIS
0920	EXC LACRIMAL GLAND NOS	1174	THERMOKERATOPLASTY
0921	EXCIS LES LACRIMAL GLAND	1175	RADIAL KERATOTOMY
0922	PART DACRYOADENECT NEC	1176	EPIKERATOPHAKIA
0923	TOTAL DACRYOADENECTOMY	1179	CORNEA RECONSTRUCT NEC
093	OTHER LACRIMAL GLAND OPS	1191	CORNEAL TATTOOING
0941	LACRIMAL PUNCTUM PROBE	1192	REMOVE CORNEAL IMPLANT
0942	LAC CANALICULI PROBE	1199	CORNEAL OPERATION NEC
0943	NASOLACRIMAL DUCT PROBE	1200	REMOV ANT SEGMENT FB NOS
0944	NASOLAC DUCT INTUBAT	1201	MAGNET REMOV ANT SEG FB
0949	LAC PASSAGE MANIP NEC	1202	NONMAG REMOV ANT SEG FB
0951	LAC PUNCTUM INCISION	1211	IRIDOTOMY W TRANSFIXION
0952	LAC CANALICULI INCISION	1212	IRIDOTOMY NEC
0953	LACRIMAL SAC INCISION	1213	PROLAPSED IRIS EXCISION
0959	LACRIM PASSAGE INCIS NEC	1214	IRIDECTOMY NEC
096	LACRIM SAC/PASSAGE EXCIS	1221	DX ASPIRAT-ANT CHAMBER
0971	CORRECT EVERTED PUNCTUM	1222	IRIS BIOPSY
0972	PUNCTUM REPAIR NEC	1229	ANT SEGMENT DX PROC NEC
0973	CANALICULUS REPAIR	1231	GONIOSYNECHIAE LYSIS
0981	DACRYOCYSTORHINOSTOMY	1232	ANT SYNECHIA LYSIS NEC
0982	CONJUNCTIVOCYSTORHINOST	1233	POST SYNECHIAE LYSIS
0983	CONJUNCTIVORHINOS W TUBE	1234	CORNEOVITREAL ADHESIOLYS
0991	LAC PUNCTUM OBLITERATION	1235	COREOPLASTY
0999	LACRIMAL SYSTEM OP NEC	1239	IRIDOPLASTY NEC
100	INCISE/REMOV CONJUNCT FB	1240	REMOV ANT SEGMENT LES NOS
101	CONJUNCTIVA INCISION NEC	1241	NONEXC DESTRUC IRIS LES
1021	CONJUNCTIVAL BIOPSY	1242	EXCISION OF IRIS LESION
1029	CONJUNCTIVA DX PROC NEC	1243	NONEXC DESTR CIL BOD LES
1031	EXCISE CONJUNCTIV LESION	1244	EXCISE CILIARY BODY LES

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1251	GONIOPUNCTURE	1426	CHORIORET LES RADIOTHER
1252	GONIOTOMY	1427	CHORIORET LES RAD IMPLAN
1253	GONIOTOMY W GONIOPUNCTUR	1429	CHORIORET LES DESTR NEC
1254	TRABECULOTOMY AB EXTERNO	1431	RETINAL TEAR DIATHERMY
1255	CYCLODIALYSIS	1432	RETINAL TEAR CRYOTHERAPY
1259	FACILIT INTRAOC CIRC NEC	1439	RETINAL TEAR REPAIR NEC
1261	TREPHIN SCLERA W IRIDECT	1441	SCLERAL BUCKLE W IMPLANT
1262	THERMCAUT SCLER W IRIDEC	1449	SCLERAL BUCKLING NEC
1263	IRIDENCELEISIS/IRIDOTASIS	1451	DETACH RETINA-DIATHERMY
1264	TRABECULECTOM AB EXTERNO	1452	DETACH RETINA-CRYOTHERAP
1265	SCLER FISTULIZ W IRIDECT	1453	DETACH RETINA XENON COAG
1266	POSTOP REVIS SCL FISTUL	1454	DETACH RETINA LASER COAG
1269	SCLER FISTULIZING OP NEC	1455	DETACH RET PHOTOCOAG NOS
1271	CYCLODIATHERMY	1459	REPAIR RETINA DETACH NEC
1272	CYCLOCRYOTHERAPY	146	REMOV PROS MAT POST SEG
1273	CYCLOPHOTOCOAGULATION	1471	ANTERIOR REMOV VITREOUS
1274	CIL BODY DIMINUTION NOS	1472	VITREOUS REMOVAL NEC
1279	GLAUCOMA PROCEDURE NEC	1473	ANTERIOR MECHAN VITRECT
1281	SUTURE SCLERAL LACER	1474	MECH VITRECTOMY NEC
1282	SCLERAL FISTULA REPAIR	1475	VITREOUS SUBSTITUT INJEC
1283	REVIS ANT SEG OP WND NEC	1479	VITREOUS OPERATION NEC
1284	DESTRUCT SCLERAL LESION	149	OTHER POST SEGMENT OPS
1285	REPAIR STAPHYLOM W GRAFT	1501	EXTRAOC MUSC-TEND BIOPSY
1286	REP SCLER STAPHYLOMA NEC	1509	EXTRAOC MUSC DX PROC NEC
1287	GRAFT REINFORCE SCLERA	1511	ONE EXTRAOC MUS RECESS
1288	SCLERA REINFORCEMENT NEC	1512	1 EXTRAOC MUSCL ADVANCE
1289	SCLERAL OPERATION NEC	1513	1 EXTRAOC MUSCL RESECT
1291	THERAPEUT EVAC ANT CHAMB	1519	XTRAOC MUS OP/DETACH NEC
1292	ANTERIOR CHAMBER INJECT	1521	LENGTHEN 1 EXTRAOC MUSC
1293	REMOV EPITHEL DOWNGROWTH	1522	SHORTEN 1 EXTRAOC MUSC
1297	IRIS OPERATION NEC	1529	OP ON 1 EXTRAOC MUSC NEC
1298	CILIARY BODY OP NEC	153	TEMP DETACH >1 XTROC MUS
1299	ANTERIOR CHAMBER OP NEC	154	OTH OP ON >L EXTRAOC MUS
1300	REMOVE FB LENS NOS	155	EXTRAOCUL MUS TRANSPPOSIT
1301	MAGNET REMOVE FB LENS	156	REVIS EXTRAOC MUSC SURG
1302	NONMAGNET REMOVE FB LENS	157	EXTRAOC MUSC INJ REPAIR
1311	TEMP-INF INTRCAP LENS EX	159	OTH EXTRAOC MUS-TEND OP
1319	INTRACAPSUL LENS EXT NEC	1601	ORBITOTOMY W BONE FLAP
132	LINEAR EXTRACAP LENS EXT	1602	ORBITOTOMY W IMPLANT
133	SIMPL ASPIR LENS EXTRACT	1609	ORBITOTOMY NEC
1341	CATARAC PHACOEMULS/ASPIR	161	REMOVE PENETRAT FB EYE
1342	POST CATARAC FRAG/ASPIR	1622	DIAGNOSTIC ASP OF ORBIT
1343	CATARACT FRAG/ASPIR NEC	1623	EYEBALL & ORBIT BIOPSY
1351	TEMP-INF XTRACAP LENS EX	1629	EYEBAL/ORBIT DX PROC NEC
1359	EXTRACAP LENS EXTRAC NEC	1631	EYE EVISC W SYNCH IMPLAN
1361	EXTRACAP LENS EXTRAC NEC	1639	EYEBALL EVISCERATION NEC
1362	EXTRACAP LENS EXTRAC NEC	1641	EYE ENUC/IMPLAN/MUSC ATT
1363	EXTRACAP LENS EXTRAC NEC	1642	EYE ENUC W IMPLANT NEC
1364	AFTER-CATAR DISCISSION	1649	EYEBALL ENUCLEATION NEC
1365	AFTER-CATARACT EXCISION	1651	RADICAL ORBITOMAXILLECT
1366	AFTER CATAR FRAGMENTATION	1652	ORBIT EXENT W BONE REMOV
1369	CATARACT EXTRACTION NEC	1659	ORBITAL EXENTERATION NEC
1370	INSERT PSEUDOPHAKOS NOS	1661	2NDRY OCULAR IMP INSERT
1371	INSERT LENS AT CATAR EXT	1662	REVIS/REINSERT OCUL IMP
1372	SECONDARY INSERT LENS	1663	REVIS ENUC SOCKET W GRFT
138	IMPLANTED LENS REMOVAL	1664	ENUC SOCKET REVIS NEC
139	OTHER OPERATIONS ON LENS	1665	2NDRY EXENT CAVITY GRAFT
1400	REMOV POST SEGMNT FB NOS	1666	REVIS EXENTER CAVITY NEC
1401	MAGNET REMOV POST SEG FB	1669	2ND OP POST EYE REM NEC
1402	NONMAG REMOV POST SEG FB	1671	REMOVE OCULAR IMPLANT
1411	DIAGNOST VITREOUS ASPIR	1672	REMOVE ORBITAL IMPLANT
1419	DX PROC POST SEG NEC	1681	REPAIR OF ORBITAL WOUND
1421	CHORIORET LES DIATHERMY	1682	REPAIR EYEBALL RUPTURE
1422	CHORIORETIN LES CRYOTHER	1689	EYE/ORBIT INJ REPAIR NEC

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1692	EXCISION ORBITAL LESION	2185	AUGMENTATION RHINOPLASTY
1693	EXCISION EYE LESION NOS	2186	LIMITED RHINOPLASTY
1698	OPERATION ON ORBIT NEC	2187	RHINOPLASTY NEC
1699	OPERATION ON EYEBALL NEC	2188	SEPTOPLASTY NEC
1821	PREAURICULAR SINUS EXCIS	2189	NASAL REPAIR NEC
1831	RAD EXCIS EXT EAR LES	2199	NASAL OPERATION NEC
1839	EXCIS EXTERNAL EAR NEC	2212	OPEN BIOPSY NASAL SINUS
185	CORRECTION PROMINENT EAR	2231	RADICAL MAXILLARY ANTROT
186	EXT AUDIT CANAL RECONSTR	2239	EXT MAXILLARY ANTROT NEC
1871	CONSTRUCTION EAR AURICLE	2241	FRONTAL SINUSOTOMY
1872	REATTACH AMPUTATED EAR	2242	FRONTAL SINUSECTOMY
1879	PLASTIC REP EXT EAR NEC	2250	SINUSOTOMY NOS
189	OTHER EXT EAR OPERATIONS	2251	ETHMOIDOTOMY
190	STAPES MOBILIZATION	2252	SPHENOIDOTOMY
1911	STAPEDECT W REPLAC INCUS	2253	MULTIPLE SINUS INCISION
1919	STAPEDECTOMY NEC	2260	SINUSECTOMY NOS
1921	REV STAPDEC W INCUS REPL	2261	C-LUC EXC MAX SINUS LES
1929	STAPEDECTOMY REVIS NEC	2262	EXC MAX SINUS LESION NEC
193	OSSICULAR CHAIN OP NEC	2263	ETHMOIDECTOMY
194	MYRINGOPLASTY	2264	SPHENOIDECTOMY
1952	TYPE 2 TYMPANOPLASTY	2271	NASAL SINUS FISTULA CLOS
1953	TYPE 3 TYMPANOPLASTY	2279	NASAL SINUS REPAIR NEC
1954	TYPE 4 TYMPANOPLASTY	229	OTHER NASAL SINUS OPS
1955	TYPE 5 TYMPANOPLASTY	242	GINGIVOPLASTY
196	TYMPANOPLASTY REVISION	244	EXC OF DENTAL LES OF JAW
199	MIDDLE EAR REPAIR NEC	245	ALVEOLOPLASTY
2001	MYRINGOTOMY W INTUBATION	2502	OPEN BIOPSY OF TONGUE
2021	MASTOID INCISION	251	DESTRUCTION TONGUE LES
2022	PETRUS PYRAM AIR CEL INC	252	PARTIAL GLOSSECTOMY
2023	MIDDLE EAR INCISION	253	COMPLETE GLOSSECTOMY
2032	MID & INNER EAR BIOPSY	254	RADICAL GLOSSECTOMY
2039	MID/IN EAR DX PROC NEC	2559	REPAIR OF TONGUE NEC
2041	SIMPLE MASTOIDECTOMY	2594	OTHER GLOSSOTOMY
2042	RADICAL MASTOIDECTOMY	2599	TONGUE OPERATION NEC
2049	MASTOIDECTOMY NEC	2612	OPEN BX SALIV GLAND/DUCT
2051	EXCISE MIDDLE EAR LESION	2621	SALIVARY CYST MARSUPIAL
2059	MIDDLE EAR EXCISION NEC	2629	SALIV LESION EXCIS NEC
2061	INNER EAR FENESTRATION	2630	SIALOADENECTOMY NOS
2062	REVIS INNER EAR FENESTRA	2631	PARTIAL SIALOADENECTOMY
2071	ENDOLYMPHATIC SHUNT	2632	COMPLETE SIALOADENECTOMY
2072	INNER EAR INJECTION	2641	SUTURE OF SALIV GLND LAC
2079	INC/EXC/DESTR IN EAR NEC	2642	SALIVARY FISTULA CLOSURE
2091	TYMPANOSYMPATHECTOMY	2649	SALIVARY REPAIR NEC
2092	MASTOIDECTOMY REVISION	2699	SALIVARY OPERATION NEC
2093	REPAIR OVAL/ROUND WINDOW	270	DRAIN FACE & MOUTH FLOOR
2095	ELECMAG HEAR DEV IMPLANT	271	INCISION OF PALATE
2096	IMPLT COCHLEAR PROST NOS	2721	BONY PALATE BIOPSY
2097	IMP/REP SCHAN COCH PROS	2722	UVULA AND SOFT PALATE BX
2098	IMP/REP MCHAN COCHL PROS	2731	LOC EXC BONY PALATE LES
2099	MID-INNER EAR OPS NEC	2732	WIDE EXC BONY PALATE LES
2104	ETHMOID ART LIGAT-EPIST	2742	WIDE EXCISION OF LIP LES
2105	MAX ART LIG FOR EPISTAX	2743	EXCISION OF LIP LES NEC
2106	EXT CAROT ART LIG-EPIST	2749	EXCISION OF MOUTH NEC
2107	NASAL SEPT GRFT-EPISTAX	2753	CLOSURE OF MOUTH FISTULA
2109	EPISTAXIS CONTROL NEC	2754	REPAIR OF CLEFT LIP
214	RESECTION OF NOSE	2755	FULL-THICK GRFT TO MOUTH
215	SUBMUC NASAL SEPT RESECT	2756	SKIN GRAFT TO MOUTH NEC
2161	DIATHER/CRYO TURBINECTOM	2757	PEDICLE ATTACH TO MOUTH
2162	TURBINATE FRACTURE	2759	MOUTH REPAIR NEC
2169	TURBINECTOMY NEC	2761	SUTURE OF PALATE LACERAT
2172	OPEN REDUCTION NASAL FX	2762	CLEFT PALATE CORRECTION
2182	NASAL FISTULA CLOSURE	2763	REVIS CLEFT PALAT REPAIR
2183	TOT NASAL RECONSTRUCTION	2769	OTH PLASTIC REPAIR PALAT
2184	REVISION RHINOPLASTY	2771	INCISION OF UVULA

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2772	EXCISION OF UVULA	3222	LUNG VOL REDUCTION SURG
2773	REPAIR OF UVULA	3229	DESTROY LOC LUNG LES NEC
2779	OTHER UVULA OPERATIONS	323	SEGMENTAL LUNG RESECTION
2792	MOUTH INCISION NOS	324	LOBECTOMY OF LUNG
2799	ORAL CAVITY OPS NEC	325	COMPLETE PNEUMONECTOMY
280	PERITONSILLAR I & D	326	RAD DISSEC THORAC STRUCT
2811	TONSIL&ADENOID BIOPSY	329	OTHER EXCISION OF LUNG
2819	TONSIL&ADENOID DX OP NEC	330	INCISION OF BRONCHUS
282	TONSILLECTOMY	331	INCISION OF LUNG
283	TONSILLECTOMY/ADENOIDEC	3325	OPEN BRONCHIAL BIOPSY
284	EXCISION OF TONSIL TAG	3327	CLOS ENDOSCOPIC LUNG BX
285	EXCISION LINGUAL TONSIL	3328	OPEN LUNG BIOPSY
286	ADENOIDECTOMY	3329	BRONCH/LUNG DX PROC NEC
287	HEMORR CONTRL POST T & A	3334	THORACOPLASTY
2891	INCIS TO REMOV TONSIL FB	3339	SURG COLLAPS OF LUNG NEC
2892	EXCIS TONSIL/ADENOID LES	3341	BRONCHIAL LACERAT SUTURE
2899	TONSIL/ADENOID OPS NEC	3342	BRONCHIAL FISTULA CLOS
290	PHARYNGOTOMY	3343	LUNG LACERATION CLOSURE
292	EXC BRONCHIAL CLEFT CYST	3348	BRONCHIAL REPAIR NEC
293	EXC BRONCHIAL CLEFT CYST	3349	LUNG REPAIR NEC
2931	CRICOPHARYNGEAL MYOTOMY	335	LUNG REPAIR NEC
2932	PHARYNGEAL DIVERTICULEC	3350	LUNG TRANSPLANT NOS
2933	PHARYNGECTOMY	3351	UNILAT LUNG TRANSPLANT
2939	EXCIS/DESTR LES PHAR NEC	3352	BILAT LUNG TRANSPLANT
294	PLASTIC OP ON PHARYNX	336	COMB HEART/LUNG TRANSPLA
2951	SUTURE OF PHARYNGEAL LAC	3392	BRONCHIAL LIGATION
2952	CLOS BRANCH CLEFT FISTUL	3393	PUNCTURE OF LUNG
2953	CLOS PHARYNX FISTULA NEC	3398	BRONCHIAL OPERATION NEC
2954	LYSIS PHARYNGEAL ADHES	3399	LUNG OPERATION NEC
2959	PHARYNGEAL REPAIR NEC	3402	EXPLORATORY THORACOTOMY
2992	DIVIS GLOSSOPHARYNG NERV	3403	REOPEN THORACOTOMY SITE
2999	PHARYNGEAL OPERATION NEC	341	INCISION OF MEDIASTINUM
3001	LARYNX CYST MARSUPIALIZ	3421	TRANSPLEURA THORACOSCOPY
3009	DESTRUCT LARYNX LES NEC	3422	MEDIASTINOSCOPY
301	HEMILARYNGECTOMY	3426	OPEN MEDIASTINAL BIOPSY
3021	EPIGLOTTIDECTOMY	3427	BIOPSY OF DIAPHRAGM
3022	VOCAL CORDECTOMY	3428	DX PROCEDURE THORAX NEC
3029	OTHER PART LARYNGECTOMY	3429	DX PROC MEDIASTINUM NEC
303	COMPLETE LARYNGECTOMY	343	DESTRUCT MEDIASTIN LES
304	RADICAL LARYNGECTOMY	344	DESTRUCT CHEST WALL LES
3121	MEDIASTINAL TRACHEOSTOMY	3451	DECORTICATION OF LUNG
3129	OTHER PERM TRACHEOSTOMY	3459	OTHER PLEURAL EXCISION
313	INCIS LARYNX TRACHEA NEC	346	SCARIFICATION OF PLEURA
3145	OPN BX LARYNX OR TRACHEA	3473	CLOS THORACIC FISTUL NEC
315	LOCAL DESTRUC TRACH LES	3474	PECTUS DEFORMITY REPAIR
3161	SUTURE OF LARYNGEAL LAC	3479	OTHER CHEST WALL REPAIR
3162	LARYNGEAL FISTULA CLOS	3481	EXCISE DIAPHRAGM LESION
3163	LARYNGOSTOMY REVISION	3482	SUTURE DIAPHRAGM LACERAT
3164	LARYNGEAL FX REPAIR	3483	CLOSE DIAPHRAGM FISTULA
3169	OTHER LARYNGEAL REPAIR	3484	OTHER DIAPHRAGM REPAIR
3171	SUTURE OF TRACHEAL LACER	3485	IMPLANT DIAPHRA PACEMAKE
3172	CLOSURE OF TRACHEOSTOMY	3489	DIAPHRAGM OPERATION NEC
3173	TRACHEA FISTULA CLOS NEC	3493	REPAIR OF PLEURA
3174	REVISION OF TRACHEOSTOMY	3499	THORACIC OPERATION NEC
3175	TRACHEAL RECONSTRUCTION	3500	CLOSED VALVOTOMY NOS
3179	OTHER TRACHEAL REPAIR	3501	CLOSED AORTIC VALVOTOMY
3191	LARYNGEAL NERV DIVISION	3502	CLOSED MITRAL VALVOTOMY
3192	LYSIS TRACH/LARYNX ADHES	3503	CLOSED PULMON VALVOTOMY
3198	OTH LARYNGEAL OPERATION	3504	CLOSED TRICUSP VALVOTOMY
3199	OTHER TRACHEAL OPERATION	3510	OPEN VALVULOPLASTY NOS
320	OTHER TRACHEAL OPERATION	3511	OPN AORTIC VALVULOPLASTY
3209	OTHER DESTRUC BRONC LES	3512	OPN MITRAL VALVULOPLASTY
321	OTHER BRONCHIAL EXCISION	3513	OPN PULMON VALVULOPLASTY
3221	EMPHYSEMA BLEB PPLICATION	3514	OPN TRICUS VALVULOPLASTY

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3520	REPLACE HEART VALVE NOS	3711	CARDIOTOMY
3521	REPLACE AORT VALV-TISSUE	3712	PERICARDIOTOMY
3522	REPLACE AORTIC VALVE NEC	3724	PERICARDIAL BIOPSY
3523	REPLACE MITR VALV-TISSUE	3731	PERICARDIECTOMY
3524	REPLACE MITRAL VALVE NEC	3732	HEART ANEURYSM EXCISION
3525	REPLACE PULM VALV-TISSUE	3733	EXC/DEST HRT LESION OPEN
3526	REPLACE PULMON VALVE NEC	3734	EXC/DEST HRT LES OTHER
3527	REPLACE TRIC VALV-TISSUE	3735	PARTIAL VENTRICULECTOMY
3528	REPLACE TRICUSP VALV NEC	374	HEART & PERICARD REPAIR
3531	PAPILLARY MUSCLE OPS	3741	IMPL CARDIAC SUPPORT DEV (OCT 05)
3532	CHORDAE TENDINEAE OPS	3749	HEART/PERICARD REPR NEC (OCT 05)
3533	ANNULOPLASTY	375	HEART & PERICARD REPAIR
3534	INFUNDIBULECTOMY	3751	HEART TRANSPLANTATION (Oct 03)
3535	TRABECUL CARNEAE CORD OP	3752	IMPLANT TOT REP HRT SYS
3539	TISS ADJ TO VALV OPS NEC	3753	REPL/REP THORAC UNIT HRT
3542	CREATE SEPTAL DEFECT	3754	REPL/REP OTH TOT HRT SYS
3550	PROSTH REP HRT SEPTA NOS	3761	PULSATION BALLOON IMPLAN
3551	PROS REP ATRIAL DEF-OPN	3762	IMPLANT HRT ASST SYS NEC
3552	PROS REPAIR ATRIA DEF-CL	3763	REPLACE HRT ASSIST SYST
3553	PROST REPAIR VENTRIC DEF	3764	REMOVE HEART ASSIST SYS
3554	PROS REP ENDOCAR CUSHION	3765	IMP EXT PUL HRT ASST SYS
3560	GRFT REPAIR HRT SEPT NOS	3766	IMP IMP PUL HRT ASST SYS
3561	GRAFT REPAIR ATRIAL DEF	3767	IMP CARDIOMYOSTIMUL SYS
3562	GRAFT REPAIR VENTRIC DEF	3774	INT OR REPL LEAD EPICAR
3563	GRFT REP ENDOCAR CUSHION	3775	REVISION OF LEAD
3570	HEART SEPTA REPAIR NOS	3776	REPL TV ATRI-VENT LEAD
3571	ATRIA SEPTA DEF REP NEC	3777	REMOVAL OF LEAD W/O REPL
3572	VENTR SEPTA DEF REP NEC	3779	REVIS OR RELOCATE POCKET
3573	ENDOCAR CUSHION REP NEC	3780	INT OR REPL PERM PACEMKR
3581	TOT REPAIR TETRAL FALLOT	3785	REPL PACEM W 1-CHAM, NON
3582	TOTAL REPAIR OF TAPVC	3786	REPL PACEM 1-CHAM, RATE
3583	TOT REP TRUNCUS ARTERIOS	3787	REPL PACEM W DUAL-CHAM
3584	TOT COR TRANSP GRT VES	3789	REVISE OR REMOVE PACEMAK
3591	INTERAT VEN RETRN TRANSP	3790	INS LEFT ATR APPEND DEV (OCT 04)
3592	CONDUIT RT VENTR-PUL ART	3791	OPN CHEST CARDIAC MASSAG
3593	CONDUIT LEFT VENTR-AORTA	3794	IMPLT/REPL CARDDEFIB TOT
3594	CONDUIT ARTIUM-PULM ART	3795	IMPLT CARDIODEFIB LEADS
3595	HEART REPAIR REVISION	3796	IMPLT CARDIODEFIB GENATR
3596	PERC HEART VALVULOPLASTY	3797	REPL CARDIODEFIB LEADS
3598	OTHER HEART SEPTA OPS	3798	REPL CARDIODEFIB GENRATR
3599	OTHER HEART VALVE OPS	3799	OTHER HEART/PERICARD OPS
3600	OTHER HEART VALVE OPS	3800	INCISION OF VESSEL NOS
3601	PTCA-1 VES/ATH W/O AGENT	3801	INTRACRAN VESSEL INCIS
3602	PTCA-1 VES/ATH W AGENT	3802	HEAD/NECK VES INCIS NEC
3603	OPEN CORONRY ANGIOPLASTY	3803	UPPER LIMB VESSEL INCIS
3605	PTCA-MULTIPLE VESSEL/ATH	3804	INCISION OF AORTA
3609	REM OF COR ART OBSTR NEC	3805	THORACIC VESSEL INC NEC
3610	AORTOCORONARY BYPASS NOS	3806	ABDOMEN ARTERY INCISION
3611	AORTOCOR BYPAS-1 COR ART	3807	ABDOMINAL VEIN INCISION
3612	AORTOCOR BYPAS-2 COR ART	3808	LOWER LIMB ARTERY INCIS
3613	AORTOCOR BYPAS-3 COR ART	3809	LOWER LIMB VEIN INCISION
3614	AORTCOR BYPAS-4+ COR ART	3810	ENDARTERECTOMY NOS
3615	1 INT MAM-COR ART BYPASS	3811	INTRACRAN ENDARTERECTOMY
3616	2 INT MAM-COR ART BYPASS	3812	HEAD & NECK ENDARTER NEC
3617	ABD-CORON ARTERY BYPASS	3813	UPPER LIMB ENDARTERECTOM
3619	HRT REVAS BYPS ANAS NEC	3814	ENDARTERECTOMY OF AORTA
362	ARTERIAL IMPLANT REVASC	3815	THORACIC ENDARTERECTOMY
363	ARTERIAL IMPLANT REVASC	3816	ABDOMINAL ENDARTERECTOMY
3631	OPEN CHEST TRANS REVASC	3818	LOWER LIMB ENDARTERECT
3632	OTH TRANSMYO REVASCULAR	3821	BLOOD VESSEL BIOPSY
3639	OTH HEART REVASCULAR	3829	BLOOD VESSEL DX PROC NEC
3691	CORON VESS ANEURYSM REP	3830	VESSEL RESECT/ANAST NOS
3699	HEART VESSEL OP NEC	3831	INTRACRAN VES RESEC-ANAS
3710	INCISION OF HEART NOS	3832	HEAD/NECK VES RESEC-ANAS

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3833	ARM VESSEL RESECT/ANAST	3951	CLIPPING OF ANEURYSM
3834	AORTA RESECTION & ANAST	3952	ANEURYSM REPAIR NEC
3835	THOR VESSEL RESECT/ANAST	3953	ARTERIOVEN FISTULA REP
3836	ABD VESSEL RESECT/ANAST	3954	RE-ENTRY OPERATION
3837	ABD VEIN RESECT & ANAST	3955	REIMPLAN ABERR RENAL VES
3838	LEG ARTERY RESECT/ANAST	3956	REPAIR VESS W TIS PATCH
3839	LEG VEIN RESECT/ANASTOM	3957	REP VESS W SYNTH PATCH
3840	VESSEL RESECT/REPLAC NOS	3958	REPAIR VESS W PATCH NOS
3841	INTRACRAN VES RESEC-REPL	3959	REPAIR OF VESSEL NEC
3842	HEAD/NECK VES RESEC-REPL	397	PER CARDIOPULMON BYPASS
3843	ARM VES RESECT W REPLACE	3971	ENDO IMPL GRFT ABD AORTA
3844	RESECT ABDM AORTA W REPL	3972	ENDOVASC REPAIR HEAD VES
3845	RESECT THORAC VES W REPL	3973	ENDO IMP GRFT THOR AORTA (OCT 05)
3846	ABD ARTERY RESEC W REPLA	3979	ENDO REPAIR OTHER VESSEL
3847	ABD VEIN RESECT W REPLAC	398	VASCULAR BODY OPERATIONS
3848	LEG ARTERY RESEC W REPLA	3991	FREEING OF VESSEL
3849	LEG VEIN RESECT W REPLAC	3992	VEIN INJECT-SCLEROS AGNT
3850	VARICOSE V LIG-STRIP NOS	3993	INSERT VES-TO-VES CANNUL
3851	INTCRAN VAR V LIG-STRIP	3994	REPLAC VES-TO-VES CANNUL
3852	HEAD/NECK VAR V LIG-STR	3998	HEMORRHAGE CONTROL NOS
3853	ARM VARICOSE V LIG-STRIP	3999	VESSEL OPERATION NEC
3855	THORAC VAR V LIG-STRIP	400	INCIS LYMPHATIC STRUCTUR
3857	ABD VARICOS V LIGA-STRIP	4011	LYMPHATIC STRUCT BIOPSY
3859	LEG VARICOS V LIGA-STRIP	4019	LYMPHATIC DIAG PROC NEC
3860	EXCISION OF VESSEL NOS	4021	EXCIS DEEP CERVICAL NODE
3861	INTRACRAN VESSEL EXCIS	4022	EXCISE INT MAMMARY NODE
3862	HEAD/NECK VESSEL EXCIS	4023	EXCISE AXILLARY NODE
3863	ARM VESSEL EXCISION	4024	EXCISE INGUINAL NODE
3864	EXCISION OF AORTA	4029	SIMP EXC LYMPH STRUC NEC
3865	THORACIC VESSEL EXCISION	403	REGIONAL LYMPH NODE EXC
3866	ABDOMINAL ARTERY EXCIS	4040	RAD NECK DISSECTION NOS
3867	ABDOMINAL VEIN EXCISION	4041	UNILAT RAD NECK DISSECT
3868	LEG ARTERY EXCISION	4042	BILAT RAD NECK DISSECT
3869	LEG VEIN EXCISION	4050	RAD NODE DISSECTION NOS
387	INTERRUPTION VENA CAVA	4051	RAD DISSEC AXILLARY NODE
3880	SURG VESSEL OCCLUS NEC	4052	RAD DISSEC PERIAORT NODE
3881	OCCLUS INTRACRAN VES NEC	4053	RAD DISSECT ILIAC NODES
3882	OCCLUS HEAD/NECK VES NEC	4054	RADICAL GROIN DISSECTION
3883	OCCLUDE ARM VESSEL NEC	4059	RAD NODE DISSECTION NEC
3884	OCCLUDE AORTA NEC	4061	THORAC DUCT CANNULATION
3885	OCCLUDE THORACIC VES NEC	4062	THORACIC DUCT FISTULIZAT
3886	OCCLUDE ABD ARTERY NEC	4063	CLOSE THORACIC DUCT FIST
3887	OCCLUDE ABD VEIN NEC	4064	LIGATE THORACIC DUCT
3888	OCCLUDE LEG ARTERY NEC	4069	THORACIC DUCT OP NEC
3889	OCCLUDE LEG VEIN NEC	409	LYMPH STRUCTURE OP NEC
390	SYSTEMIC-PULM ART SHUNT	410	BONE MARROW TRNSPLNT
391	INTRA-ABD VENOUS SHUNT	4100	BONE MARROW TRNSPLNT NOS
3921	CAVAL-PULMON ART ANASTOM	4101	AUTO BONE MT W/O PURG
3922	AORTA-SUBCLV-CAROT BYPAS	4102	ALO BONE MARROW TRNSPLNT
3923	INTRATHORACIC SHUNT NEC	4103	ALLOGRFT BONE MARROW NOS
3924	AORTA-RENAL BYPASS	4104	AUTO HEM STEM CT W/O PUR
3925	AORTA-ILIAC-FEMOR BYPASS	4105	ALLO HEM STEM CT W/O PUR
3926	INTRA-ABDOMIN SHUNT NEC	4106	CORD BLD STEM CELL TRANS
3927	DIALYSIS ARTERIOVENOSTOM	4107	AUTO HEM STEM CT W PURG
3928	EXTRACRAN-INTRACR BYPASS	4108	ALLO HEM STEM CT W PURG
3929	VASC SHUNT & BYPASS NEC	4109	AUTO BONE MT W PURGING
3930	SUTURE OF VESSEL NOS	412	SPLENOTOMY
3931	SUTURE OF ARTERY	4133	OPEN SPLEEN BIOPSY
3932	SUTURE OF VEIN	4141	SPLENIC CYST MARSUPIAL
3941	POSTOP VASC OP HEM CONTR	4142	EXC SPLENIC LESION/TISS
3942	REVIS REN DIALYSIS SHUNT	4143	PARTIAL SPLENECTOMY
3943	REMOV REN DIALYSIS SHUNT	415	TOTAL SPLENECTOMY
3949	VASC PROC REVISION NEC	4193	EXC OF ACCESSORY SPLEEN
3950	ANGIO/ATH NON-CORO VES	4194	SPLEEN TRANSPLANTATION

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4195	REPAIR OF SPLEEN	4432	PERCU GASTROJEJUNOSTOMY
4199	SPLEEN OPERATION NEC	4438	LAP GASTROENTEROSTOMY (OCT 04)
4201	ESOPHAGEAL WEB INCISION	4439	GASTROENTEROSTOMY NEC
4209	ESOPHAGEAL INCISION NEC	4440	SUTURE PEPTIC ULCER NOS
4210	ESOPHAGOSTOMY NOS	4441	SUT GASTRIC ULCER SITE
4211	CERVICAL ESOPHAGOSTOMY	4442	SUTURE DUODEN ULCER SITE
4212	ESOPH POUCH EXTERIORIZAT	445	REVISION GASTRIC ANASTOM
4219	EXT FISTULIZAT ESOPH NEC	4461	SUTURE GASTRIC LACERAT
4221	ESOPHAGOSCOPY BY INCIS	4463	CLOSE GASTRIC FISTUL NEC
4225	OPEN BIOPSY OF ESOPHAGUS	4464	GASTROPEXY
4231	LOC EXCIS ESOPH DIVERTIC	4465	ESOPHAGOGASTROPLASTY
4232	LOCAL EXCIS ESOPHAG NEC	4466	CREAT ESOPHAGASTR SPHINC
4239	DESTRUCT ESOPHAG LES NEC	4467	LAP CREAT ESOPH SPHINCT (OCT 04)
4240	ESOPHAGECTOMY NOS	4468	LAPAROSCOP GASTROPLSTY (OCT 04)
4241	PARTIAL ESOPHAGECTOMY	4469	GASTRIC REPAIR NEC
4242	TOTAL ESOPHAGECTOMY	4491	LIGATE GASTRIC VARICES
4251	THORAC ESOPHAGUESOPHAGOS	4492	INTRAOP GASTRIC MANIPUL
4252	THORAC ESOPHAGOGASTROST	4495	LAP GASTRIC RESTRIC PROC (OCT 04)
4253	THORAC SM BOWEL INTERPOS	4496	LAP REV GAST RESTRI PROC (OCT 04)
4254	THORAC ESOPHAGOENTER NEC	4497	LAP REM GAST RESTRIC DEV (OCT 04)
4255	THORAC LG BOWEL INTERPOS	4498	ADJUST GAST RESTRICT DEV (OCT 04)
4256	THORAC ESOPHAGOCOLOS NEC	4499	GASTRIC OPERATION NEC
4258	THORAC INTERPOSITION NEC	4500	INTESTINAL INCISION NOS
4259	THORAC ESOPHAG ANAST NEC	4501	DUODENAL INCISION
4261	STERN ESOPHAGUESOPHAGOST	4502	SMALL BOWEL INCISION NEC
4262	STERN ESOPHAGOGASTROSTOM	4503	LARGE BOWEL INCISION
4263	STERN SM BOWEL INTERPOS	4511	TRANSAB SM BOWEL ENDOSC
4264	STERN ESOPHAGOENTER NEC	4515	OPEN SMALL BOWEL BIOPSY
4265	STERN LG BOWEL INTERPOS	4521	TRANSAB LG BOWEL ENDOSC
4266	STERN ESOPHAGOCOLOS NEC	4526	OPEN LARGE BOWEL BIOPSY
4268	STERN INTERPOSITION NEC	4531	OTH EXCISE DUODENUM LES
4269	STERN ESOPHAG ANAST NEC	4532	DESTRUCT DUODEN LES NEC
427	ESOPHAGOMYOTOMY	4533	LOCAL EXCIS SM BOWEL NEC
4282	SUTURE ESOPHAGEAL LACER	4534	DESTR SM BOWEL LES NEC
4283	ESOPHAGOSTOMY CLOSURE	4541	EXCISE LG INTESTINE LES
4284	ESOPH FISTULA REPAIR NEC	4549	DESTRUC LG BOWEL LES NEC
4285	ESOPHAG STRICTURE REPAIR	4550	INTEST SEG ISOLAT NOS
4286	PROD SUBQ TUNNEL NO ANAS	4551	SM BOWEL SEGMENT ISOLAT
4287	ESOPHAGEAL GRAFT NEC	4552	LG BOWEL SEGMENT ISOLAT
4289	ESOPHAGEAL REPAIR NEC	4561	MULT SEG SM BOWEL EXCIS
4291	LIGATION ESOPH VARIX	4562	PART SM BOWEL RESECT NEC
430	GASTROTOMY	4563	TOTAL REMOVAL SM BOWEL
431	GASTROTOMY	4571	MULT SEG LG BOWEL EXCIS
432	OTHER GASTROSTOMY	4572	CECECTOMY
433	PYLOROMYOTOMY	4573	RIGHT HEMICOLECTOMY
4342	LOCAL GASTR EXCISION NEC	4574	TRANSVERSE COLON RESECT
4349	LOCAL GASTR DESTRUCT NEC	4575	LEFT HEMICOLECTOMY
435	PROXIMAL GASTRECTOMY	4576	SIGMOIDECTOMY
436	DISTAL GASTRECTOMY	4579	PART LG BOWEL EXCIS NEC
437	PART GASTREC W JEJ ANAST	458	TOT INTRA-ABD COLECTOMY
4381	PART GAST W JEJ TRANSPOS	4590	INTESTINAL ANASTOM NOS
4389	PARTIAL GASTRECTOMY NEC	4591	SM-TO-SM BOWEL ANASTOM
4391	TOT GAST W INTES INTERPO	4592	SM BOWEL-RECT STUMP ANAS
4399	TOTAL GASTRECTOMY NEC	4593	SMALL-TO-LARGE BOWEL NEC
4400	VAGOTOMY NOS	4594	LG-TO-LG BOWEL ANASTOM
4401	TRUNCAL VAGOTOMY	4595	ANAL ANASTOMOSIS
4402	HIGHLY SELECT VAGOTOMY	4601	SM BOWEL EXTERIORIZATION
4403	SELECTIVE VAGOTOMY NEC	4602	RESECT EXT SEG SM BOWEL
4411	TRANSABDOMIN GASTROSCOPY	4603	LG BOWEL EXTERIORIZATION
4415	OPEN GASTRIC BIOPSY	4604	RESECT EXT SEG LG BOWEL
442	GASTRIC DIAGNOS PROC NEC	4610	COLOSTOMY NOS
4421	DILATE PYLORUS, INCISION	4611	TEMPORARY COLOSTOMY
4429	OTHER PYLOROPLASTY	4612	TEMPORARY COLOSTOMY
4431	HIGH GASTRIC BYPASS	4613	PERMANENT COLOSTOMY

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4620	ILEOSTOMY NOS	4881	PERIRECTAL INCISION
4621	TEMPORARY ILEOSTOMY	4882	PERIRECTAL EXCISION
4622	CONTINENT ILEOSTOMY	4891	INCIS RECTAL STRICTURE
4623	PERMANENT ILEOSTOMY NEC	4892	ANORECTAL MYOMECTOMY
4640	INTEST STOMA REVIS NOS	4893	REPAIR PERIRECT FISTULA
4641	SM BOWEL STOMA REVISION	4899	RECTAL PERIRECT OP NEC
4642	PERICOLEST HERNIA REPAIR	4901	INCIS PERIANAL ABSCESS
4643	LG BOWEL STOMA REVIS NEC	4902	PERIANAL INCISION NEC
4650	INTEST STOMA CLOSURE NOS	4904	PERIANAL EXCISION NEC
4651	SM BOWEL STOMA CLOSURE	4911	ANAL FISTULOTOMY
4652	LG BOWEL STOMA CLOSURE	4912	ANAL FISTULECTOMY
4660	INTESTINAL FIXATION NOS	493	ANAL/PERIAN DX PROC NEC
4661	SM BOWEL-ABD WALL FIXAT	4939	OTHER DESTRUC ANUS LES
4662	SMALL BOWEL FIXATION NEC	4944	HEMORRHOID CRYOTHERAPY
4663	LG BOWEL-ABD WALL FIXAT	4945	HEMORRHOID LIGATION
4664	LARGE BOWEL FIXATION NEC	4946	HEMORRHOIDECTOMY
4671	DUODENAL LACERAT SUTURE	4949	HEMORRHOID PROCEDURE NEC
4672	DUODENAL FISTULA CLOSURE	4951	LEFT LAT SPHINCTEROTOMY
4673	SMALL BOWEL SUTURE NEC	4952	POST SPHINCTEROTOMY
4674	CLOSE SM BOWEL FIST NEC	4959	ANAL SPHINCTEROTOMY NEC
4675	SUTURE LG BOWEL LACERAT	496	EXCISION OF ANUS
4676	CLOSE LG BOWEL FISTULA	4971	SUTURE ANAL LACERATION
4679	REPAIR OF INTESTINE NEC	4972	ANAL CERCLAGE
4680	INTRA-AB BOWEL MANIP NOS	4973	CLOSURE OF ANAL FISTULA
4681	INTRA-ABD SM BOWEL MANIP	4974	GRACILIS MUSC TRANSPLAN
4682	INTRA-ABD LG BOWEL MANIP	4975	IMPL OR REV ART ANAL SPH
4691	MYOTOMY OF SIGMOID COLON	4976	REMOV ART ANAL SPHINCTER
4692	MYOTOMY OF COLON NEC	4979	ANAL SPHINCT REPAIR NEC
4693	REVISE SM BOWEL ANASTOM	4991	INCISION OF ANAL SEPTUM
4694	REVISE LG BOWEL ANASTOM	4992	INSERT SUBQ ANAL STIMUL
4697	TRANSPLANT OF INTESTINE	4993	ANAL INCISION NEC
4699	INTESTINAL OP NEC	4994	REDUCTION ANAL PROLAPSE
470	INTESTINAL OP NEC	4995	CONTROL ANAL HEMORRHAGE
4701	LAP APPENDECTOMY	4999	ANAL OPERATION NEC
4709	OTHER APPENDECTOMY	500	HEPATOTOMY
471	OTHER APPENDECTOMY	5012	OPEN LIVER BIOPSY
4711	LAP INCID APPENDECTOMY	5019	HEPATIC DX PROC NEC
4719	OTHER INCID APPENDECTOMY	5021	MARSUPIALIZAT LIVER LES
472	DRAIN APPENDICEAL ABSC	5022	PARTIAL HEPATECTOMY
4791	APPENDICOSTOMY	5029	DESTRUC HEPATIC LES NEC
4792	CLOSE APPENDICEAL FISTUL	503	HEPATIC LOBECTOMY
4799	APPENDICEAL OPS NEC	504	TOTAL HEPATECTOMY
480	PROCTOTOMY	5051	AUXILIARY LIVER TRANSPL
481	PROCTOSTOMY	5059	LIVER TRANSPLANT NEC
4821	TRANSAB PROCTOSIGMOIDOSC	5061	CLOSURE LIVER LACERAT
4825	OPEN RECTAL BIOPSY	5069	LIVER REPAIR NEC
4835	LOCAL EXCIS RECTAL LES	5102	TROCAR CHOLECYSTOSTOMY
4841	SOAVE SUBMUC RECT RESECT	5103	CHOLECYSTOSTOMY NEC
4849	PULL-THRU RECT RESEC NEC	5104	CHOLECYSTOTOMY NEC
485	ABD-PERINEAL RECT RESECT	5113	OPEN BILIARY TRACT BX
4861	TRANS SAC RECTOSIGMOIDECT	5119	BILIARY TR DX PROC NEC
4862	ANT RECT RESECT W COLOST	5121	OTH PART CHOLECYSTECTOMY
4863	ANTERIOR RECT RESECT NEC	5122	CHOLECYSTECTOMY
4864	POSTERIOR RECT RESECTION	5123	LAPAROSCOPIC CHOLECYSTEC
4865	DUHAMEL RECTAL RESECTION	5124	LAP PART CHOLECYSTECTOMY
4866	DUHAMEL RECTAL RESECTION	5131	GB-TO-HEPAT DUCT ANAST
4869	RECTAL RESECTION NEC	5132	GB-TO-INTESTINE ANASTOM
4871	SUTURE OF RECTAL LACER	5133	GB-TO-PANCREAS ANASTOM
4872	CLOSURE OF PROCTOSTOMY	5134	GB-TO-STOMACH ANASTOMOS
4873	CLOSE RECTAL FIST NEC	5135	GALLBLADDER ANASTOM NEC
4874	RECTORECTOSTOMY	5136	CHOLEDOCHOENTEROSTOMY
4875	ABDOMINAL PROCTOPEXY	5137	HEPATIC DUCT-GI ANASTOM
4876	PROCTOPEXY NEC	5139	BILE DUCT ANASTOMOS NEC
4879	REPAIR OF RECTUM NEC	5141	CDE FOR CALCULUS REMOV



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5142	CDE FOR OBSTRUCTION NEC	5349	UMBIL HERNIA REPAIR NEC
5143	CHOLEDOCHOHEPAT INTUBAT	5351	INCISIONAL HERNIA REPAIR
5149	INCIS OBSTR BILE DUC NEC	5359	ABD WALL HERN REPAIR NEC
5151	COMMON DUCT EXPLORATION	5361	INCIS HERNIA REPAIR-GRFT
5159	BILE DUCT INCISION NEC	5369	ABD HERN REPAIR-GRFT NEC
5161	EXCIS CYST DUCT REMNANT	537	ABD REPAIR-DIAPHR HERNIA
5162	EXCIS AMPULLA OF VATER	5380	THOR REP-DIAPH HERN NOS
5163	COMMON DUCT EXCIS NEC	5381	DIAPHRAGMATIC PPLICATION
5169	BILE DUCT EXCISION NEC	5382	PARASTERN HERNIA REPAIR
5171	SIMPLE SUT-COMMON DUCT	539	OTHER HERNIA REPAIR
5172	CHOLEDOCHOPLASTY	540	ABDOMINAL WALL INCISION
5179	BILE DUCT REPAIR NEC	5411	EXPLORATORY LAPAROTOMY
5181	SPHINCTER OF ODDI DILAT	5412	REOPEN RECENT LAP SITE
5182	PANCREAT SPHINCTEROTOM	5419	LAPAROTOMY NEC
5183	PANCREAT SPHINCTEROPLAS	5421	LAPAROSCOPY
5189	SPHINCT OF ODDI OP NEC	5422	ABDOMINAL WALL BIOPSY
5191	REPAIR GB LACERATION	5423	PERITONEAL BIOPSY
5192	CLOSURE CHOLECYSTOSTOMY	5429	ABD REGION DX PROC NEC
5193	CLOS BILIARY FISTUL NEC	543	DESTRUCT ABD WALL LESION
5194	REVIS BILE TRACT ANASTOM	544	DESTRUCT PERITONEAL TISS
5195	REMOVE BILE DUCT PROSTH	545	DESTRUCT PERITONEAL TISS
5199	BILIARY TRACT OP NEC	5451	LAP PERITON ADHESIOLYSIS
5201	CATH DRAIN-PANCREAT CYST	5459	OTH PERITON ADHESIOLYSIS
5209	PANCREATOTOMY NEC	5461	RECLOSE POST OP DISRUPT
5212	OPEN PANCREATIC BIOPSY	5462	DELAYED CLOS ABD WOUND
5219	PANCREATIC DX PROC NEC	5463	ABD WALL SUTURE NEC
522	PANCREATIC DX PROC NEC	5464	PERITONEAL SUTURE
5222	OTHER DESTRU PANCREA LES	5471	REPAIR OF GASTROSCHISIS
523	PANCREAT CYST MARSUPIALI	5472	ABDOMEN WALL REPAIR NEC
524	INT DRAIN PANCREAT CYST	5473	PERITONEAL REPAIR NEC
5251	PROXIMAL PANCREATECTOMY	5474	OMENTAL REPAIR NEC
5252	DISTAL PANCREATECTOMY	5475	MESENTERIC REPAIR NEC
5253	RAD SUBTOT PANCREATECTOM	5492	REMOVE FB FROM PERITON
5259	PARTIAL PANCREATECT NEC	5493	CREATE CUTANPERITON FIST
526	TOTAL PANCREATECTOMY	5494	CREAT PERITONEOVAS SHUNT
527	RAD PANCREATICODUODENECT	5495	PERITONEAL INCISION
5280	PANCREAT TRANSPLANT NOS	5501	NEPHROTOMY
5281	REIMPLANT PANCREATIC TIS	5502	NEPHROSTOMY
5282	PANCREATIC HOMOTRANSPLAN	5503	PERCU NEPHROSTM W/O FRAG
5283	PANCREATIC HETEROTRANSPL	5504	PERCU NEPHROSTMY W FRAG
5291	TRNSPLNT ISLETS LANG NOS	5511	PYELOTOMY
5292	CANNULATION PANCREA DUC	5512	PYELOSTOMY
5295	PANCREATIC REPAIR NEC	5524	OPEN RENAL BIOPSY
5296	PANCREATIC ANASTOMOSIS	5529	RENAL DIAGNOST PROC NEC
5299	PANCREATIC OPERATION NEC	5531	RENAL LES MARSUPIALIZAT
5300	UNILAT ING HERN REP NOS	5539	LOC DESTR RENAL LES NEC
5301	REPAIR DIRECT ING HERNIA	554	PARTIAL NEPHRECTOMY
5302	REPAIR INDIR ING HERNIA	5551	NEPHROURETERECTOMY
5303	DIR ING HERNIA REP-GRAFT	5552	SOLITARY KIDNEY NEPHRECT
5304	IND ING HERNIA REP-GRAFT	5553	REJECTED KIDNEY NEPHRECT
5305	ING HERNIA REP-GRAFT NOS	5554	BILATERAL NEPHRECTOMY
5310	BILAT ING HERNIA REP NOS	5561	RENAL AUTOTRANSPLANT
5311	BILAT DIR ING HERN REP	5569	KIDNEY TRANSPLANT NEC
5312	BILAT IND ING HERN REP	557	NEPHROPEXY
5313	BIL DIR/IND ING HRN REP	5581	SUTURE KIDNEY LACERATION
5314	BIL DIR/IND ING HRN REP-GRFT	5582	CLOSE NEPHROST & PYELOST
5315	BIL IND ING HRN REP-GRFT	5583	CLOSE RENAL FISTULA NEC
5316	BIL DIR/IND ING HERN-PRO	5584	REDUCE RENAL PEDICL TORS
5317	BIL ING HRN REP-GRFT NOS	5585	SYMPHYSIOTOMY
5321	UNIL FEMOR HRN REP-GRFT	5586	RENAL ANASTOMOSIS
5329	UNIL FEMOR HERN REP NEC	5587	CORRECT URETEROPELV JUNC
5331	BIL FEM HERN REPAIR-GRFT	5589	RENAL REPAIR NEC
5339	BIL FEM HERN REPAIR NEC	5591	RENAL DECAPSULATION
5341	UMBIL HERNIA REPAIR-GRFT	5597	IMPLANT MECHANIC KIDNEY

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5598	REMOV MECHANICAL KIDNEY	5841	SUTURE URETHRAL LACERAT
5599	RENAL OPERATION NEC	5842	URETHROSTOMY CLOSURE
560	TU REMOV URETER OBSTRUCT	5843	CLOSE URETH FISTULA NEC
561	URETERAL MEATOTOMY	5844	URETHRAL REANASTOMOSIS
562	URETEROTOMY	5845	HYPO-EPISPADIUS REPAIR
5634	OPEN URETERAL BIOPSY	5846	URETH RECONSTRUCTION NEC
5639	URETERAL DX PROCEDUR NEC	5847	URETHRAL MEATOPLASTY
5640	URETERECTOMY NOS	5849	URETHRAL REPAIR NEC
5641	PARTIAL URETERECTOMY	585	URETH STRICTURE RELEASE
5642	TOTAL URETERECTOMY	5891	PERIURETHRAL INCISION
5651	FORM CUTAN ILEOURETEROST	5892	PERIURETHRAL EXCISION
5652	REVIS CUTAN ILEOURETEROS	5893	IMPLT ARTF URIN SPHINCT
5661	FORM CUTAN URETEROSTOMY	5899	URETH/PERIURETH OP NEC
5662	REVIS CUTAN URETEROS NEC	5900	RETROPERIT DISSECT NOS
5671	URIN DIVERSION TO BOWEL	5901	RETROPERIT DISSECT NOS
5672	REVIS URETEROENTEROSTOMY	5902	PERIREN ADHESIOLYS NEC
5673	NEPHROCYSTANASTOMOSI NOS	5903	LAP LYS PERIREN/URET ADH
5674	URETERONEOCYSTOSTOMY	5909	PERIREN/URETER INCIS NEC
5675	TRANSURETEROURETEROSTOMY	5911	OTH LYS PERIVES ADHESIO
5679	URETERAL ANASTOMOSIS NEC	5912	LAP LYS PERIVESURETH ADH
5681	INTRALUM URETE ADHESIOLY	5919	PERIVESICAL INCISION NEC
5682	SUTURE URETERAL LACERAT	5921	PERIREN/URETERAL BIOPSY
5683	URETEROSTOMY CLOSURE	5929	PERIREN/URET DX PROC NEC
5684	CLOSE URETER FISTULA NEC	593	URETHROVES JUNCT PLICAT
5685	URETEROPEXY	594	SUPRAPUBIC SLING OP
5686	REMOVE URETERAL LIGATURE	595	RETROPUBIC URETH SUSPENS
5689	REPAIR OF URETER NEC	596	PARAURETHRAL SUSPENSION
5692	IMPLANT URETERAL STIMUL	5971	LEVATOR MUSC SUSPENSION
5693	REPLACE URETERAL STIMUL	5979	URIN INCONTIN REPAIR NEC
5694	REMOVE URETERAL STIMULAT	5991	PERIREN/VESICLE EXCISION
5695	LIGATION OF URETER	5992	PERIREN/VESICLE OP NEC
5699	URETERAL OPERATION NEC	600	INCISION OF PROSTATE
5712	CYSTOTOMY & ADHESIOLYSIS	6012	OPEN PROSTATIC BIOPSY
5718	OTHER SUPRAPU CYSTOSTOMY	6014	OPEN SEMINAL VESICLES BX
5719	CYSTOTOMY NEC	6015	PERIPROSTATIC BIOPSY
5721	VESICOSTOMY	6018	PROSTATIC DX PROCED NEC
5722	REVISE CLO VESICOSTOMY	6019	SEMIN VES DX PROCED NEC
5733	CLOS TRANSURETH BLADD BX	602	SEMIN VES DX PROCED NEC
5734	OPEN BLADDER BIOPSY	6021	TRANSURETH PROSTATECTOMY
5739	BLADDER DIAGNOS PROC NEC	6029	OTH TRANSURETH PROSTATEC
5741	TU ADHESIOLYSIS BLADDER	603	SUPRAPUBIC PROSTATECTOMY
5749	TU DESTRUC BLADD LES NEC	604	RETROPUBIC PROSTATECTOMY
5751	EXCISION OF URACHUS	605	RADICAL PROSTATECTOMY
5759	BLADDER LES DESTRUCT NEC	6061	LOS EXCIS PROSTATIC LES
576	PARTIAL CYSTECTOMY	6062	PERINEAL PROSTATECTOMY
5771	RADICAL CYSTECTOMY	6069	PROSTATECTOMY NEC
5779	TOTAL CYSTECTOMY NEC	6072	SEMINAL VESICLE INCISION
5781	SUTURE BLADDER LACERAT	6073	SEMINAL VESICLE EXCISION
5782	CYSTOSTOMY CLOSURE	6079	SEMINAL VESICLE OP NEC
5783	ENTEROVESICO FIST REPAIR	6081	PERIPROSTATIC INCISION
5784	VESIC FISTULA REPAIR NEC	6082	PERIPROSTATIC EXCISION
5785	CYSTOURETHROPLASTY	6093	REPAIR OF PROSTATE
5786	BLADDER EXSTROPHY REPAIR	6094	CONTROL PROSTATE HEMORR
5787	BLADDER RECONSTRUCTION	6095	TRANS BAL DIL PROS URETH
5788	BLADDER ANASTOMOSIS NEC	6096	TU DESTR PROSTATE BY MT
5789	BLADDER REPAIR NEC	6097	OTH TU DESTR PROS - RT
5791	BLADDER SPHINCTEROTOMY	6099	PROSTATIC OPERATION NEC
5793	CONTROL BLADD HEMORRHAGE	612	EXCISION OF HYDROCELE
5796	IMPLANT BLADDER STIMULAT	6142	SCROTAL FISTULA REPAIR
5797	REPLACE BLADDER STIMULAT	6149	SCROTUM/TUNIC REPAIR NEC
5798	REMOVE BLADDER STIMULAT	6192	EXCISION TUNICA LES NEC
5799	BLADDER OPERATION NEC	6199	SCROTUM & TUNICA OP NEC
580	URETHROTOMY	620	INCISION OF TESTES
581	URETHRAL MEATOTOMY	6212	OPEN TESTICULAR BIOPSY

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6219	TESTES DX PROCEDURE NEC	6541	LAP UNI SALPINGO-OOPHOR
622	TESTICULAR LES DESTRUCT	6549	OTH UNI SALPINGO-OOPHOR
623	UNILATERAL ORCHIECTOMY	6551	OTH REMOVE BOTH OVARIES
6241	REMOVE BOTH TESTES	6552	OTH REMOVE REMAIN OVARY
6242	REMOVE SOLITARY TESTIS	6553	LAP REMOVE BOTH OVARIES
625	ORCHIOPEXY	6554	LAP REMOVE REMAIN OVARY
6261	SUTURE TESTICULAR LACER	6561	OTH REMOVE OVARIES/TUBES
6269	TESTICULAR REPAIR NEC	6562	OTH REMOVE REM OVA/TUBE
627	INSERT TESTICULAR PROSTH	6563	LAP REMOVE OVARIES/TUBES
6299	TESTICULAR OPERATION NEC	6564	LAP REMOVE REM OVA/TUBE
6309	SPERMAT CORD/VAS DX NEC	6571	OTH SIMPLE SUTURE OVARY
631	EXC SPERMATIC VARICOCELE	6572	OTH REIMPLANT OF OVARY
632	EXCISE EPIDIDYMIS CYST	6573	OTH SALPINGO-OOPHOROPLAS
633	EXCISE CORD/EPID LES NEC	6574	LAP SIMPLE SUTURE OVARY
634	EPIDIDYMECTOMY	6575	LAP REIMPLANT OF OVARY
6351	SUTURE CORD & EPID LACER	6576	LAP SALPINGO-OOPHOROPLAS
6353	TRANSPLANT SPERMAT CORD	6579	REPAIR OF OVARY NEC
6359	CORD & EPIDID REPAIR NEC	658	REPAIR OF OVARY NEC
6381	SUTURE VAS & EPIDID LAC	6581	LAP ADHESIOLYS OVA/TUBE
6382	POSTOP VAS RECONSTRUCT	6589	ADHESIOLYSIS OVARY/TUBE
6383	EPIDIDYMOVASOSTOMY	6591	ASPIRATION OF OVARY
6385	REMOV VAS DEFERENS VALVE	6592	TRANSPLANTATION OF OVARY
6389	VAS & EPIDIDY REPAIR NEC	6593	MANUAL RUPT OVARIAN CYST
6392	EPIDIDYMYOTOMY	6594	OVARIAN DENERVATION
6393	SPERMATIC CORD INCISION	6595	OVARIAN TORSION RELEASE
6394	SPERM CORD ADHESIOLYSIS	6599	OVARIAN OPERATION NEC
6395	INSERT VALVE IN VAS DEF	660	OVARIAN OPERATION NEC
6399	CORD/EPID/VAS OPS NEC	6601	SALPINGOTOMY
640	CIRCUMCISION	6602	SALPINGOSTOMY
6411	PENILE BIOPSY	6611	FALLOPIAN TUBE BIOPSY
642	LOCAL EXCIS PENILE LES	6619	FALLOP TUBE DX PROC NEC
643	AMPUTATION OF PENIS	6621	BILAT ENDOSC CRUSH TUBE
6441	SUTURE PENILE LACERATION	6622	BILAT ENDOSC DIVIS TUBE
6442	RELEASE OF CHORDEE	6629	BILAT ENDOS OCC TUBE NEC
6443	CONSTRUCTION OF PENIS	6631	BILAT TUBAL CRUSHING NEC
6444	RECONSTRUCTION OF PENIS	6632	BILAT TUBAL DIVISION NEC
6445	REPLANTATION OF PENIS	6639	BILAT TUBAL DESTRUCT NEC
6449	PENILE REPAIR NEC	664	TOTAL UNILAT SALPINGECT
645	SEX TRANSFORMAT OP NEC	6651	REMOVE BOTH FALLOP TUBES
6492	INCISION OF PENIS	6652	REMOVE SOLITARY FAL TUBE
6493	DIVISION OF PENIS ADHES	6661	DESTROY FALLOP TUBE LES
6495	INS NONINFL PENIS PROSTH	6662	REMOV TUBE & ECTOP PREG
6496	REMOVE INT PENILE PROSTH	6663	BILAT PART SALPINGEC NOS
6497	INS INFLATE PENIS PROSTH	6669	PARTIAL SALPINGECTOM NEC
6498	PENILE OPERATION NEC	6671	SIMPL SUTURE FALLOP TUBE
6499	MALE GENITAL OP NEC	6672	SALPINGO-OOPHOROSTOMY
650	MALE GENITAL OP NEC	6673	SALPINGO-SALPINGOSTOMY
6501	LAPAROSCOPIC OOPHOROTOMY	6674	SALPINGO-UTEROSTOMY
6509	OTHER OOPHOROTOMY	6679	FALLOP TUBE REPAIR NEC
6511	OVARIAN ASPIRAT BIOPSY	6692	UNILAT FALLOP TUBE DESTR
6512	OVARIAN BIOPSY NEC	6693	IMPL FALLOP TUBE PROSTH
6513	LAP BIOPSY OF OVARY	6694	REMOV FALLOP TUBE PROSTH
6514	OTH LAP DX PROC OVARIES	6695	BLOW THERAPEUT INTO TUBE
6519	OVARIAN DX PROCEDURE NEC	6696	FALLOPIAN TUBE DILATION
6521	OVARIAN CYST MARSUPIALIZ	6697	BURY FIMBRIAE IN UTERUS
6522	OVARIAN WEDGE RESECTION	6699	FALLOPIAN TUBE OP NEC
6523	LAP MARSUP OVARIAN CYST	6711	ENDOCERVICAL BIOPSY
6524	LAP WEDGE RESECT OVARY	6712	CERVICAL BIOPSY NEC
6525	OTH LAP LOC EXC DEST OVA	6719	CERVICAL DX PROCEDUR NEC
6529	LOCAL DESTR OVA LES NEC	672	CONIZATION OF CERVIX
653	LOCAL DESTR OVA LES NEC	6731	CERVICAL CYST MARSUPIAL
6531	LAP UNILAT OOPHORECTOMY	6732	CERVICAL LES CAUTERIZAT
6539	OTH UNILAT OOPHORECTOMY	6733	CERVICAL LES CRYOTHERAPY
654	OTH UNILAT OOPHORECTOMY	6739	CERVICAL LES DESTRUC NEC

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674	AMPUTATION OF CERVIX	7073	REPAIR RECTOVAG FISTULA
675	AMPUTATION OF CERVIX	7074	REP VAGINOENT FISTUL NEC
6751	TRANSAB CERCLAGE CERVIX	7075	REPAIR VAG FISTULA NEC
6759	OTH REP INT CERVICAL OS	7076	HYMENORRHAPHY
6761	SUTURE CERVICAL LACERAT	7077	VAGINAL SUSPENS & FIXAT
6762	CERVICAL FISTULA REPAIR	7079	VAGINAL REPAIR NEC
6769	CERVICAL REPAIR NEC	708	VAGINAL VAULT OBLITERAT
680	HYSTEROTOMY	7091	VAGINAL OPERATION NEC
6813	OPEN UTERINE BIOPSY	7092	CUL-DE-SAC OPERATION NEC
6814	OPEN UTERINE LIGAMENT BX	7101	VULVAR ADHESIOLYSIS
6815	CLOS UTERINE LIGAMENT BX	7109	INCIS VULVA/PERINEUM NEC
6816	CLOSED UTERINE BIOPSY	7111	VULVAR BIOPSY
6819	UTERUS/ADNEX DX PROC NEC	7119	VULVAR DIAGNOS PROC NEC
6821	ENDOMET SYNECHIAE DIVIS	7122	INCISE BARTHOLIN'S GLAND
6822	INCISION UTERINE SEPTUM	7123	BARTHOLIN GLAND MARSUP
6823	ENDOMETRIAL ABLATION	7124	DESTRUC BARTHOLIN GLAND
6829	UTERINE LES DESTRUCT NEC	7129	BARTHOLIN'S GLAND OP NEC
683	UTERINE LES DESTRUCT NEC	713	LOCAL VULVAR EXCIS NEC
6831	LAP SCERVIC HYSTERECTOMY	714	OPERATIONS ON CLITORIS
6839	OTH SUBTOT ABD HYSTERECT (Oct 03)	715	RADICAL VULVECTOMY
684	TOTAL ABD HYSTERECTOMY	7161	UNILATERAL VULVECTOMY
685	TOTAL ABD HYSTERECTOMY	7162	BILATERAL VULVECTOMY
6851	LAP AST VAG HYSTERECTOMY	7171	SUTURE VULVAR LACERATION
6859	OTHER VAG HYSTERECTOMY	7172	REPAIR VULVAR FISTULA
686	RADICAL ABD HYSTERECTOMY	7179	VULVAR/PERIN REPAIR NEC
687	RADICAL VAG HYSTERECTOMY	718	OTHER VULVAR OPERATIONS
688	PELVIC EVISCERATION	719	OTHER FEMALE GENITAL OPS
689	HYSTERECTOMY NEC/NOS	7394	PUBIOTOMY TO ASSIST DEL
6901	D & C FOR PREG TERMINAT	7399	OPS ASSISTING DELIV NEC
6902	D & C POST DELIVERY	740	CLASSICAL C-SECTION
6909	D & C NEC	741	LOW CERVICAL C-SECTION
6911	D & C NEC	742	EXTRAPERITONEAL C-SECT
6919	DESTRUC UTER SUPPORT NEC	743	REM EXTRATUB ECTOP PREG
6921	INTERPOSIT OP UTERIN LIG	744	CESAREAN SECTION NEC
6922	UTERINE SUSPENSION NEC	7491	HYSTEROTOMY TO TERMIN PG
6923	VAG REPAIR INVERS UTERUS	7499	CESAREAN SECTION NOS
6929	UTERUS/ADNEXA REPAIR NEC	7536	CORRECTION FETAL DEFECT
693	PARACERV UTERINE DENERV	7550	REPAIR OB LAC UTERUS NOS
6941	SUTURE UTERINE LACERAT	7551	REPAIR OB LACERAT CERVIX
6942	CLOSURE UTERINE FISTULA	7552	REPAIR OB LAC CORP UTERI
6949	UTERINE REPAIR NEC	7561	REPAIR OB LAC BLAD/URETH
6951	ASPIRAT CURET-PREG TERMI	7593	SURG CORR INVERT UTERUS
6952	ASPIRAT CURET-POST DELIV	7599	OBSTETRIC OPERATION NEC
6995	INCISION OF CERVIX	7601	FACIAL BONE SEQUESTRECT
6997	REMOVE PENETRAT CERV FB	7609	FACIAL BONE INCISION NEC
6998	UTERINE SUPPORT OP NEC	7611	FACIAL BONE BIOPSY
6999	UTERINE OPERATION NEC	7619	FACIAL BONE DX PROC NEC
7012	CULDOTOMY	762	DESTRUCT FACIAL BONE LES
7013	INTRALUM VAG ADHESIOLYS	7631	PARTIAL MANDIBULECTOMY
7014	VAGINOTOMY NEC	7639	PART FACIAL OSTECTOM NEC
7023	CUL-DE-SAC BIOPSY	7641	TOT MANDIBULEC W RECONST
7024	VAGINAL BIOPSY	7642	TOTAL MANDIBULECTOMY NEC
7029	VAGIN/CUL-DE-SAC DX NEC	7643	MANDIBULAR RECONST NEC
7031	HYMENECTOMY	7644	TOT FACE OSTECT W RECONS
7032	EXCIS CUL-DE-SAC LESION	7645	TOT FACE BONE OSTECT NEC
7033	EXCISION VAGINAL LESION	7646	FACIAL BONE RECONSTR NEC
704	VAGINAL OBLITERATION	765	TEMPOROMAND ARTHROPLASTY
7050	CYSTOCEL/RECTOCEL REPAIR	7661	CL OSTEOPLASTY MAND RAMI
7051	CYSTOCELE REPAIR	7662	OPEN OSTEOPLAS MAND RAMI
7052	RECTOCELE REPAIR	7663	OSTEOPLASTY MANDIBLE BDY
7061	VAGINAL CONSTRUCTION	7664	MAND ORTHOGNATHIC OP NEC
7062	VAGINAL RECONSTRUCTION	7665	SEG OSTEOPLASTY MAXILLA
7071	SUTURE VAGINA LACERATION	7666	TOT OSTEOPLASTY MAXILLA
7072	REPAIR COLOVAGIN FISTULA	7667	REDUCTION GENIOPLASTY

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7668	AUGMENTATION GENIOPLASTY	7752	BUNIONECT/SFT/ARTHRODES
7669	FACIAL BONE REPAIR NEC	7753	OTH BUNIONECT W SFT CORR
7670	REDUCTION FACIAL FX NOS	7754	EXC CORRECT BUNIONETTE
7672	OPN REDUCT MALAR/ZYGO FX	7756	REPAIR OF HAMMER TOE
7674	OPEN REDUCT MAXILLARY FX	7757	REPAIR OF CLAW TOE
7676	OPEN REDUCT MANDIBLE FX	7758	OTH EXC, FUS, REPAIR TOE
7677	OPEN REDUCT ALVEOLAR FX	7759	BUNIONECTOMY NEC
7679	OPEN REDUCT FACE FX NEC	7760	LOC EXC BONE LESION NOS
7691	BONE GRAFT TO FACE BONE	7761	EXC CHEST CAGE BONE LES
7692	SYN IMPLANT TO FACE BONE	7762	LOC EXC BONE LES HUMERUS
7694	OPEN REDUCT TM DISLOCAT	7763	LOC EXC LES RADIUS/ULNA
7697	REMOVE INT FIX FACE BONE	7764	LOC EXC LES METACAR/CAR
7699	FACIAL BONE/JNT OP NEC	7765	LOC EXC BONE LES FEMUR
7700	SEQUESTRECTOMY NOS	7766	LOC EXC BONE LES PATELLA
7701	CHEST CAGE SEQUESTREC	7767	LOC EXC LES TIBIA/FIBULA
7702	HUMERUS SEQUESTRECTOMY	7768	LOC EXC LES METATAR/TAR
7703	RADIUS & ULNA SEQUESTREC	7769	LOC EXC BONE LESION NEC
7704	METACARP/CARP SEQUESTREC	7770	EXCISE BONE FOR GRFT NOS
7705	FEMORAL SEQUESTRECTOMY	7771	EX CHEST CAGE BONE-GFT
7706	PATELLAR SEQUESTRECTOMY	7772	EXCISE HUMERUS FOR GRAFT
7707	TIBIA/FIBULA SEQUESTREC	7773	EXCIS RADIUS/ULNA-GRAFT
7708	METATAR/TAR SEQUESTREC	7774	EXCIS METACAR/CAR-GRAFT
7709	SEQUESTRECTOMY NEC	7775	EXCISE FEMUR FOR GRAFT
7710	OTHER BONE INCISION NOS	7776	EXCISE PATELLA FOR GRAFT
7711	OTHER CHEST CAGE INCIS	7777	EXCISE TIB/FIB FOR GRAFT
7712	OTHER HUMERUS INCISION	7778	EXCIS METATAR/TAR-GRAFT
7713	OTHER RADIUS/ULNA INCIS	7779	EXCISE BONE FOR GFT NEC
7714	OTH METACARP/CARP INCIS	7780	OTH PART OSTECTOMY NOS
7715	OTHER FEMORAL INCISION	7781	OTH CHEST CAGE OSTECTOMY
7716	OTHER PATELLAR INCISION	7782	PARTIAL HUMERECTOMY NEC
7717	OTHER TIBIA/FIBULA INCIS	7783	PART OSTECT-RADIUS/ULNA
7718	OTH METATARS/TARS INCIS	7784	PART OSTECT-METACAR/CAR
7719	BONE INCIS W/O DIV NEC	7785	PART OSTECTOMY-FEMUR
7720	WEDGE OSTEOTOMY NOS	7786	PARTIAL PATELLECTOMY
7721	CHEST CAGE WEDG OSTEOTOM	7787	PART OSTECT-TIBIA/FIBULA
7722	HUMERUS WEDGE OSTEOTOMY	7788	PART OSTECT-METATAR/TAR
7723	RADIUS/ULNA WEDG OSTEOTO	7789	PARTIAL OSTECTOMY NEC
7724	METACAR/CAR WEDG OSTEOTO	7790	TOTAL OSTECTOMY NOS
7725	FEMORAL WEDGE OSTEOTOMY	7791	TOT CHEST CAGE OSTECTOMY
7726	PATELLAR WEDGE OSTEOTOMY	7792	TOTAL OSTECTOMY-HUMERUS
7727	TIBIA/FIBUL WEDG OSTEOT	7793	TOT OSTECT-RADIUS/ULNA
7728	METATAR/TAR WEDG OSTEOT	7794	TOT OSTECT-METACARP/CARP
7729	WEDGE OSTEOTOMY NEC	7795	TOT OSTECTOMY-FEMUR
7730	OTHER BONE DIVISION NOS	7796	TOTAL PATELLECTOMY
7731	CHEST CAGE BONE DIV NEC	7797	TOT OSTECT-TIBIA/FIBULA
7732	HUMERUS DIVISION NEC	7798	TOT OSTECT-METATARS/TARS
7733	RADIUS/ULNA DIVISION NEC	7799	TOTAL OSTECTOMY NEC
7734	METACAR/CAR DIVISION NEC	7800	BONE GRAFT NOS
7735	FEMORAL DIVISION NEC	7801	BONE GRAFT TO CHEST CAGE
7736	PATELLAR DIVISION NEC	7802	BONE GRAFT TO HUMERUS
7737	TIBIA/FIBULA DIV NEC	7803	BONE GRAFT-RADIUS/ULNA
7738	METATAR/TAR DIVISION NEC	7804	BONE GRFT TO METACAR/CAR
7739	BONE DIVISION NEC	7805	BONE GRAFT TO FEMUR
7740	BONE BIOPSY NOS	7806	BONE GRAFT TO PATELLA
7741	CHEST CAGE BONE BIOPSY	7807	BONE GRAFT-TIBIA/FIBULA
7742	HUMERUS BIOPSY	7808	BONE GRAFT-METATAR/TAR
7743	RADIUS & ULNA BIOPSY	7809	BONE GRAFT NEC
7744	METACARPAL/CARPAL BIOPSY	7810	APPLIC EXT FIX DEV NOS
7745	FEMORAL BIOPSY	7811	APPL EXT FIX-CHEST CAGE
7746	PATELLAR BIOPSY	7812	APPLIC EXT FIX-HUMERUS
7747	TIBIA & FIBULA BIOPSY	7813	APPL EXT FIX-RADIUS/ULNA
7748	METATARSAL/TARSAL BIOPSY	7814	APPL EXT FIX-METACAR/CAR
7749	BONE BIOPSY NEC	7815	APPLIC EXT FIX DEV-FEMUR
7751	BUNIONECT/SFT/OSTEOTOMY	7816	APPL EXT FIX DEV-PATELLA

## Appendix A: Operating Room Procedure Codes

7817	APPL EXT FIX-TIB/FIBULA	7884	OTH DX PROC-METACAR/CAR
7818	APPL EXT FIX-METATAR/TAR	7885	OTH DX PROCED-FEMUR
7819	APPLIC EXT FIX DEV NEC	7886	OTH DX PROCED-PATELLA
7820	LIMB SHORTEN PROC NOS	7887	OTH DX PROC-TIBIA/FIBULA
7822	LIMB SHORT PROC-HUMERUS	7888	OTH DX PROC-METATAR/TAR
7823	LIMB SHORTEN-RADIUS/ULNA	7889	OTHER BONE DX PROC NEC
7824	LIMB SHORTEN-METACAR/CAR	7890	INSERT BONE STIMUL NOS
7825	LIMB SHORT PROC-FEMUR	7891	INSERT BONE STIMUL-CHEST
7827	LIMB SHORTEN-TIB/FIBULA	7892	INSERT BONE STIM-HUMERUS
7828	LIMB SHORTEN-METATAR/TAR	7893	INSER BONE STIM-RAD/ULNA
7829	LIMB SHORTEN PROC NEC	7894	INSER BONE STIM-META/CAR
7830	LIMB LENGTHEN PROC NOS	7895	INSERT BONE STIM-FEMUR
7831	LIMB LENGTHEN PROC NOS	7896	INSERT BONE STIM-PATELLA
7832	LIMB LENGTH PROC-HUMERUS	7897	INSER BONE STIM-TIB/FIB
7833	LIMB LENGTH-RADIUS/ULNA	7898	INSER BONE STIM-META/TAR
7834	LIMB LENGTH-METACAR/CAR	7899	INSERT BONE STIMUL NEC
7835	LIMB LENGTH PROC-FEMUR	7910	CL FX REDUC-INT FIX NOS
7837	LIMB LENGTHEN-TIB/FIBULA	7911	CLOS RED-INT FIX HUMERUS
7838	LIMB LENGTHN-METATAR/TAR	7912	CL RED-INT FIX RAD/ULNA
7839	LIMB LENGTHEN PROC NEC	7913	CL RED-INT FIX METAC/CAR
7840	OTH BONE REPAIR/PLAST OP	7914	CLOSE RED-INT FIX FINGER
7841	OTH CHEST CAGE REP/PLAST	7915	CLOSED RED-INT FIX FEMUR
7842	OTH HUMERUS REPAIR/PLAST	7916	CL RED-INT FIX TIB/FIBU
7843	OTH RAD/ULN REPAIR/PLAST	7917	CL RED-INT FIX METAT/TAR
7844	OTH METAC/CARP REP/PLAST	7918	CLOSE RED-INT FIX TOE FX
7845	OTH FEMUR REPAIR/PLASTIC	7919	CL FX REDUC-INT FIX NEC
7846	OTH PATELLA REPAIR/PLAST	7920	OPEN FX REDUCTION NOS
7847	OTH TIB/FIB REPAIR/PLAST	7921	OPEN REDUC-HUMERUS FX
7848	OTH META/TAR REPA/PLAST	7922	OPEN REDUC-RADIUS/ULN FX
7849	OTH BONE REPA/PLAST NEC	7923	OPEN REDUC-METAC/CAR FX
7850	INT FIX W/O FX REDUC NOS	7924	OPEN REDUCTION-FINGER FX
7851	INT FIXATION-CHEST CAGE	7925	OPEN REDUCTION-FEMUR FX
7852	INT FIXATION-HUMERUS	7926	OPEN REDUC-TIBIA/FIB FX
7853	INT FIXATION-RADIUS/ULNA	7927	OPEN REDUC-METAT/TARS FX
7854	INT FIXATION-METACAR/CAR	7928	OPEN REDUCTION-TOE FX
7855	INTERNAL FIXATION-FEMUR	7929	OPEN FX REDUCTION NEC
7856	INTERNAL FIX-PATELLA	7930	OPN FX RED W INT FIX NOS
7857	INT FIXATION-TIBIA/FIBUL	7931	OPEN RED-INT FIX HUMERUS
7858	INT FIXATION-METATAR/TAR	7932	OP RED-INT FIX RAD/ULNA
7859	INT FIX-NO FX REDUCT NEC	7933	OP RED-INT FIX METAC/CAR
7860	REMOVE IMP DEVICE NOS	7934	OPEN RED-INT FIX FINGER
7861	REMOV IMP DEV-CHEST CAGE	7935	OPEN REDUC-INT FIX FEMUR
7862	REMOVE IMPL DEV-HUMERUS	7936	OP RED-INT FIX TIB/FIBUL
7863	REMOV IMP DEV-RADIUS/ULN	7937	OP RED-INT FIX METAT/TAR
7864	REMOV IMP DEV-METAC/CARP	7938	OPEN REDUCT-INT FIX TOE
7865	REMOVE IMP DEVICE-FEMUR	7939	OPN FX RED W INT FIX NEC
7866	REMOV IMP DEVICE-PATELLA	7940	CLS REDUC-SEP EPIPHY NOS
7867	REMOV IMP DEV-TIB/FIBULA	7941	CLOSE RED-HUMERUS EPIPHY
7868	REMOVE IMP DEV-METAT/TAR	7942	CLS RED-RADIUS/UL EPIPHY
7869	REMOVE IMPL DEVICE NEC	7945	CLOSE REDUC-FEMUR EPIPHY
7870	OSTEOCLASIS NOS	7946	CLS RED-TIBIA/FIB EPIPHY
7871	OSTEOCLASIS-CHEST CAGE	7949	CLS REDUC-SEP EPIPHY NEC
7872	OSTEOCLASIS-HUMERUS	7950	OPEN RED-SEP EPIPHY NOS
7873	OSTEOCLASIS-RADIUS/ULNA	7951	OPN RED-SEP EPIPHY-HUMER
7874	OSTEOCLASIS-METACAR/CAR	7952	OP RED-RADIUS/ULN EPIPHY
7875	OSTEOCLASIS-FEMUR	7955	OPN RED-SEP EPIPHY-FEMUR
7876	OSTEOCLASIS-PATELLA	7956	OP RED-TIBIA/FIB EPIPHYS
7877	OSTEOCLASIS-TIBIA/FIBULA	7959	OPEN RED-SEP EPIPHY NEC
7878	OSTEOCLASIS-METATAR/TAR	7960	OPEN FX SITE DEBRIDE NOS
7879	OSTEOCLASIS NEC	7961	DEBRID OPEN FX-HUMERUS
7880	OTHER BONE DX PROC NOS	7962	DEBRID OPN FX-RADIUS/ULN
7881	OTH DX PROCED-CHEST CAGE	7963	DEBRID OPN FX-METAC/CAR
7882	OTH DX PROCED-HUMERUS	7964	DEBRID OPN FX-FINGER
7883	OTH DX PROC-RADIUS/ULNA	7965	DEBRID OPN FX-FEMUR

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7966	DEBRID OPN FX-TIBIA/FIB	805	JT STRUCTUR DIVISION NEC
7967	DEBRID OPN FX-METAT/TAR	8050	EXC/DEST INTVRT DISC NOS
7968	DEBRID OPN FX-TOE	8051	EXCISION INTERVERT DISC
7969	OPEN FX SITE DEBRIDE NEC	8059	OTH EXC/DEST INTVRT DISC
7980	OPEN REDUC-DISLOCAT NOS	806	EXCIS KNEE SEMILUN CARTL
7981	OPN REDUC DISLOC-SHOULDR	8070	SYNOVECTOMY-SITE NOS
7982	OPEN REDUC-ELBOW DISLOC	8071	SHOULDER SYNOVECTOMY
7983	OPEN REDUC-WRIST DISLOC	8072	ELBOW SYNOVECTOMY
7984	OPN REDUC DISLOC-HAND	8073	WRIST SYNOVECTOMY
7985	OPEN REDUC-HIP DISLOCAT	8074	HAND SYNOVECTOMY
7986	OPEN REDUC-KNEE DISLOCAT	8075	HIP SYNOVECTOMY
7987	OPEN REDUC-ANKLE DISLOC	8076	KNEE SYNOVECTOMY
7988	OPN REDUC DISLOC-FT/TOE	8077	ANKLE SYNOVECTOMY
7989	OPEN REDUC-DISLOCAT NEC	8078	FOOT SYNOVECTOMY
7990	UNSPEC OP BONE INJ NOS	8079	SYNOVECTOMY-SITE NEC
7991	HUMERUS INJURY OP NOS	8080	DESTRUCT JOINT LES NOS
7992	RADIUS/ULNA INJ OP NOS	8081	DESTRUC-SHOULDER LES NEC
7993	METACARP/CARP INJ OP NOS	8082	DESTRUC-ELBOW LESION NEC
7994	FINGER INJURY OP NOS	8083	DESTRUC-WRIST LESION NEC
7995	FEMUR INJURY OP NOS	8084	DESTRUC-HAND JT LES NEC
7996	TIBIA/FIBULA INJ OP NOS	8085	DESTRUCT-HIP LESION NEC
7997	METATARS/TARS INJ OP NOS	8086	DESTRUCT-KNEE LESION NEC
7998	TOE INJURY OPERATION NOS	8087	DESTRUC-ANKLE LESION NEC
7999	UNSPEC OP-BONE INJ NEC	8088	DESTRUC-FOOT JT LES NEC
8000	ARTHROT & PROS REMOV NOS	8089	DESTRUCT JOINT LES NEC
8001	ARTHROT/PROS REMOV-SHLDR	8090	EXCISION OF JOINT NOS
8002	ARTHROT/PROS REMOV-ELBOW	8091	EXCISION OF SHOULDER NEC
8003	ARTHROT/PROS REMOV-WRIST	8092	EXCISION OF ELBOW NEC
8004	ARTHROT/PROS REMOV-HAND	8093	EXCISION OF WRIST NEC
8005	ARTHROT/PROS REMOV-HIP	8094	EXCISION HAND JOINT NEC
8006	ARTHROT/PROS REMOV-KNEE	8095	EXCISION OF HIP NEC
8007	ARTHROT/PROS REMOV-ANKLE	8096	EXCISION OF KNEE NEC
8008	ARTHROT/PROS REMOV-FOOT	8097	EXCISION OF ANKLE NEC
8009	ARTHROT & PROS REMOV NEC	8098	EXCISION FOOT JOINT NEC
8010	OTHER ARTHROTOMY NOS	8099	EXCISION OF JOINT NEC
8011	OTH ARTHROTOMY-SHOULDER	8100	SPINAL FUSION NOS
8012	OTH ARTHROTOMY-ELBOW	8101	ATLAS-AXIS FUSION
8013	OTH ARTHROTOMY-WRIST	8102	OTHER CERVICAL FUS ANT
8014	OTH ARTHROTOMY-HAND/FNGR	8103	OTHER CERVICAL FUS POST
8015	OTH ARTHROTOMY-HIP	8104	DORSAL/DORSOLUM FUS ANT
8016	OTH ARTHROTOMY-KNEE	8105	DORSAL/DORSOLUM FUS POST
8017	OTH ARTHROTOMY-ANKLE	8106	LUMBAR/LUMBOSAC FUS ANT
8018	OTH ARTHROTOMY-FOOT/TOE	8107	LUMBAR/LUMBOSAC FUS LAT
8019	OTHER ARTHROTOMY NEC	8108	LUMBAR/LUMBOSAC FUS POST
8020	ARTHROSCOPY NOS	8109	LUMBAR/LUMBOSAC FUS POST
8021	SHOULDER ARTHROSCOPY	8111	ANKLE FUSION
8022	ELBOW ARTHROSCOPY	8112	TRIPLE ARTHRODESIS
8023	WRIST ARTHROSCOPY	8113	SUBTALAR FUSION
8024	HAND & FINGER ARTHROSCOP	8114	MIDTARSAL FUSION
8025	HIP ARTHROSCOPY	8115	TARSOMETATARSAL FUSION
8026	KNEE ARTHROSCOPY	8116	METATARSOPHALANGEAL FUS
8027	ANKLE ARTHROSCOPY	8117	OTHER FUSION OF FOOT
8028	FOOT & TOE ARTHROSCOPY	8118	OTHER FUSION OF FOOT
8029	ARTHROSCOPY NEC	8120	ARTHRODESIS NOS
8040	JT STRUCTUR DIVISION NOS	8121	ARTHRODESIS OF HIP
8041	SHOULDER STRUCT DIVISION	8122	ARTHRODESIS OF KNEE
8042	ELBOW STRUCTURE DIVISION	8123	ARTHRODESIS OF SHOULDER
8043	WRIST STRUCTURE DIVISION	8124	ARTHRODESIS OF ELBOW
8044	HAND JOINT STRUCT DIVIS	8125	CARPORADIAL FUSION
8045	HIP STRUCTURE DIVISION	8126	METACARPOCARPAL FUSION
8046	KNEE STRUCTURE DIVISION	8127	METACARPOPALANGEAL FUS
8047	ANKLE STRUCTURE DIVISION	8128	INTERPHALANGEAL FUSION
8048	FOOT JOINT STRUCT DIVIS	8129	ARTHRODESIS NEC
8049	JT STRUCTUR DIVISION NEC	8130	SPINAL REFUSION NOS

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8131	REFUSION OF ATLAS-AXIS	8229	EXC LES SFT TISS HND NEC
8132	REFUSION OF OTH CERV ANT	8231	BURSECTOMY OF HAND
8133	REFUS OF OTH CERV POST	8232	EXCIS HAND TEND FOR GRFT
8134	REFUSION OF DORSAL ANT	8233	HAND TENONECTOMY NEC
8135	REFUSION OF DORSAL POST	8234	EXC HND MUS/FAS FOR GRFT
8136	REFUSION OF LUMBAR ANT	8235	HAND FASCIECTOMY NEC
8137	REFUSION OF LUMBAR LAT	8236	OTHER MYECTOMY OF HAND
8138	REFUSION OF LUMBAR POST	8239	HAND SOFT TISSUE EXC NEC
8139	REFUSION OF SPINE NEC	8241	SUTURE TENDN SHEATH HAND
8140	REPAIR OF HIP, NEC	8242	DELAY SUT FLEX TEND HAND
8141	REPAIR OF HIP, NEC	8243	DELAY SUT HAND TEND NEC
8142	FIVE-IN-ONE KNEE REPAIR	8244	SUTUR FLEX TEND HAND NEC
8143	TRIAD KNEE REPAIR	8245	SUTURE HAND TENDON NEC
8144	PATELLAR STABILIZATION	8246	SUTURE HAND MUSCLE/FASC
8145	CRUCIATE LIG REPAIR NEC	8251	HAND TENDON ADVANCEMENT
8146	COLLATERL LIG REPAIR NEC	8252	HAND TENDON RECESSIO
8147	OTHER REPAIR OF KNEE	8253	HAND TENDON REATTACHM
8148	OTHER REPAIR OF KNEE	8254	HAND MUSCLE REATTACHM
8149	OTHER REPAIR OF ANKLE	8255	CHNG HND MUS/TEN LNG NEC
8151	TOTAL HIP REPLACEMENT	8256	TRANSPLANT HAND TEND NEC
8152	PARTIAL HIP REPLACEMENT	8257	TRANSPOSIT HAND TEND NEC
8153	REVISE HIP REPLACEMENT	8258	TRANSPLANT HAND MUSC NEC
8154	TOTAL KNEE REPLACEMENT	8259	TRANSPOSIT HAND MUSC NEC
8155	REVISE KNEE REPLACEMENT	8261	POLLICIZATION OPERATION
8156	TOTAL ANKLE REPLACEMENT	8269	THUMB RECONSTRUCTION NEC
8157	REPL JOINT OF FOOT, TOE	8271	HAND TEND PULLEY RECON
8159	REV JT REPL LOW EXT NEC	8272	PLAST OP HND-MUS/FAS GRF
8161	360 SPINAL FUSION	8279	PLAST OP HAND W GRFT NEC
8162	FUS/REFUS 2-3 VERTEBRAE	8281	TRANSFER OF FINGER
8163	FUS/REFUS 4-8 VERTEBRAE	8282	REPAIR OF CLEFT HAND
8164	FUS/REFUS 9 VERTEBRAE	8283	REPAIR OF MACRODACTYLY
8165	VERTEBROPLASTY (OCT 04)	8284	REPAIR OF MALLET FINGER
8166	KYPHOPLASTY (OCT 04)	8285	OTHER TENODESIS OF HAND
8169	OTH HIP REPAIR JAN80--SEP89 (OCT 05)	8286	OTHER TENOPLASTY OF HAND
8171	ARTHROPLAS METACARP WIT	8289	HAND PLASTIC OP NEC
8172	ARTHROPLASTY METACAR W/O	8291	LYSIS OF HAND ADHESIONS
8173	TOTAL WRIST REPLACEMENT	8299	HAND MUS/TEN/FAS/OPS NEC
8174	ARTHROPLASTY CARPAL WIT	8301	TENDON SHEATH EXPLORAT
8175	ARTHROPLASTY CARPAL W/O	8302	MYOTOMY
8179	OTH REPAIR HAN/FIN/WRIS	8303	BURSOTOMY
8180	TOTAL SHOULDER REPLACE	8309	SOFT TISSUE INCISION NEC
8181	PARTIAL SHOULDER REPLACE	8311	ACHILLOTENOTOMY
8182	REP RECUR SHLDER DISLOC	8312	ADDUCTOR TENOTOMY OF HIP
8183	SHOULDER ARTHROPLAST NEC	8313	OTHER TENOTOMY
8184	TOTAL ELBOW REPLACEMENT	8314	FASCIOTOMY
8185	ELBOW ARTHROPLASTY NEC	8319	SOFT TISSUE DIVISION NEC
8186	ELBOW ARTHROPLASTY NEC	8321	SOFT TISSUE BIOPSY
8187	ELBOW ARTHROPLASTY NEC	8329	SOFT TISSUE DX PROC NEC
8193	SUTUR CAPSUL/LIGAMEN ARM	8331	EXCIS LES TENDON SHEATH
8194	SUTURE CAPSUL/LIG ANK/FT	8332	EXCIS LESION OF MUSCLE
8195	SUTUR CAPSUL/LIG LEG NEC	8339	EXC LES SOFT TISSUE NEC
8196	OTHER REPAIR OF JOINT	8341	TENDON EXCISION FOR GRFT
8197	REV JT REPL UPPER EXTREM	8342	OTHER TENONECTOMY
8198	OTHER JOINT DX PROCEDURE	8343	MUSC/FASC EXCIS FOR GRFT
8199	JOINT STRUCTURE OP NEC	8344	OTHER FASCIECTOMY
8201	EXPLOR TEND SHEATH-HAND	8345	OTHER MYECTOMY
8202	MYOTOMY OF HAND	8349	OTHER SOFT TISSUE EXCIS
8203	BURSOTOMY OF HAND	835	BURSECTOMY
8209	INC SOFT TISSUE HAND NEC	8361	TENDON SHEATH SUTURE
8211	TENOTOMY OF HAND	8362	DELAYED TENDON SUTURE
8212	FASCIOTOMY OF HAND	8363	ROTATOR CUFF REPAIR
8219	DIV SOFT TISSUE HAND NEC	8364	OTHER SUTURE OF TENDON
8221	EXC LES TEND SHEATH HAND	8365	OTHER MUSCLE/FASC SUTURE
8222	EXCISION HAND MUSCLE LES	8371	TENDON ADVANCEMENT



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8372	TENDON RECESSION	8472	APP EXT FIX DEV-RING SYS (OCT 05)
8373	TENDON REATTACHMENT	8473	APP HYBRID EXT FIX DEV (OCT 05)
8374	MUSCLE REATTACHMENT	8491	AMPUTATION NOS
8375	TENDON TRNSFR/TRANSPLANT	8492	SEPARAT EQUAL JOIN TWIN
8376	OTHER TENDON TRANSPOSIT	8493	SEPARAT UNEQUL JOIN TWIN
8377	MUSCLE TRNSFR/TRANSPLANT	8499	MUSCULOSKELETAL OP NEC
8379	OTHER MUSCLE TRANSPOSIT	8512	OPEN BREAST BIOPSY
8381	TENDON GRAFT	8520	BREAST TISSU DESTRUC NOS
8382	MUSCLE OR FASCIA GRAFT	8521	LOCAL EXCIS BREAST LES
8383	TENDON PULLEY RECONSTRUC	8522	QUADRANT RESECT BREAST
8384	CLUBFOOT RELEASE NEC	8523	SUBTOTAL MASTECTOMY
8385	MUSC/TEND LNG CHANGE NEC	8524	EXC ECTOPIC BREAST TISSU
8386	QUADRICEPSPLASTY	8525	EXCISION OF NIPPLE
8387	OTHER PLASTIC OPS MUSCLE	8531	UNILAT REDUCT MAMMOPLAST
8388	OTHER PLASTIC OPS TENDON	8532	BILAT REDUCT MAMMOPLASTY
8389	OTHER PLASTIC OPS FASCIA	8533	UNIL SUBQ MAMMECT-IMPLNT
8391	ADHESIOLYSIS MUS/TEN/FAS	8534	UNILAT SUBQ MAMMECT NEC
8392	INSERT SKEL MUSC STIMULA	8535	BIL SUBQ MAMMECT-IMPLANT
8393	REMOV SKEL MUSC STIMULAT	8536	BILAT SUBQ MAMMECTOM NEC
8399	MUS/TEN/FAS/BUR OP NEC	8541	UNILAT SIMPLE MASTECTOMY
8400	UPPER LIMB AMPUTAT NOS	8542	BILAT SIMPLE MASTECTOMY
8401	FINGER AMPUTATION	8543	UNILAT EXTEN SIMP MASTEC
8402	THUMB AMPUTATION	8544	BILAT EXTEND SIMP MASTEC
8403	AMPUTATION THROUGH HAND	8545	UNILAT RADICAL MASTECTOM
8404	DISARTICULATION OF WRIST	8546	BILAT RADICAL MASTECTOMY
8405	AMPUTATION THRU FOREARM	8547	UNIL EXT RAD MASTECTOMY
8406	DISARTICULATION OF ELBOW	8548	BIL EXTEN RAD MASTECTOMY
8407	AMPUTATION THRU HUMERUS	8550	AUGMENT MAMMOPLASTY NOS
8408	SHOULDER DISARTICULATION	8553	UNILAT BREAST IMPLANT
8409	FOREQUARTER AMPUTATION	8554	BILATERAL BREAST IMPLANT
8410	LOWER LIMB AMPUTAT NOS	856	MASTOPEXY
8411	TOE AMPUTATION	857	TOTAL BREAST RECONSTRUCT
8412	AMPUTATION THROUGH FOOT	8582	BREAST SPLIT-THICK GRAFT
8413	DISARTICULATION OF ANKLE	8583	BREAST FULL-THICK GRAFT
8414	AMPUTAT THROUGH MALLEOLI	8584	BREAST PEDICLE GRAFT
8415	BELOW KNEE AMPUTAT NEC	8585	BREAST MUSCLE FLAP GRAFT
8416	DISARTICULATION OF KNEE	8586	TRANSPOSITION OF NIPPLE
8417	ABOVE KNEE AMPUTATION	8587	NIPPLE REPAIR NEC
8418	DISARTICULATION OF HIP	8589	MAMMOPLASTY NEC
8419	HINDQUARTER AMPUTATION	8593	BREAST IMPLANT REVISION
8421	THUMB REATTACHMENT	8594	BREAST IMPLANT REMOVAL
8422	FINGER REATTACHMENT	8595	INSER BREAST TISSU EXPAN
8423	FOREARM/WRIST/HAND REATT	8596	REMOV BREAST TISSU EXPAN
8424	UPPER ARM REATTACHMENT	8599	BREAST OPERATION NEC
8425	TOE REATTACHMENT	8606	INSERT INFUSION PUMP
8426	FOOT REATTACHMENT	8621	EXCISION OF PILONID CYST
8427	LOWER LEG/ANKLE REATTACH	8622	EXC WOUND DEBRIDEMENT
8428	THIGH REATTACHMENT	8625	DERMABRASION
8429	REATTACHMENT NEC	864	RADICAL EXCIS SKIN LES
843	AMPUTATION STUMP REVIS	8660	FREE SKIN GRAFT NOS
8440	IMPLNT/FIT PROS LIMB NOS	8661	FULL-THICK HAND SKIN GRF
8444	IMPLANT ARM PROSTHESIS	8662	HAND SKIN GRAFT NEC
8448	IMPLANT LEG PROSTHESIS	8663	FULL-THICK SKIN GRFT NEC
8458	IMP INTRSPINE DECOMP DEV (OCT 05)	8665	HETEROGRAFT TO SKIN
8460	INSERT DISC PROS NOS (OCT 04)	8666	HOMOGRAFT TO SKIN
8461	INS PART DISC PROS CERV (OCT 04)	8667	DERMAL REGENER GRAFT
8462	INS TOT DISC PROST CERV (OCT 04)	8669	FREE SKIN GRAFT NEC
8463	INS SPIN DISC PROS THOR (OCT 04)	8670	PEDICLE GRAFT/FLAP NOS
8464	INS PART DISC PROS LUMB (OCT 04)	8671	CUT & PREP PEDICLE GRAFT
8465	INS TOTL DISC PROS LUMB (OCT 04)	8672	PEDICLE GRAFT ADVANCEMEN
8466	REVISE DISC PROST CERV (OCT 04)	8673	ATTACH PEDICLE TO HAND
8467	REVISE DISC PROST THORA (OCT 04)	8674	ATTACH PEDICLE GRAFT NEC
8468	REVISE DISC PROSTH LUMB (OCT 04)	8675	REVISION OF PEDICLE GRFT
8469	REVISE DISC PROSTH NOS (OCT 04)	8681	REPAIR FACIAL WEAKNESS

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8682 FACIAL RHYTIDECTOMY  
8683 SIZE REDUCT PLASTIC OP  
8684 RELAXATION OF SCAR  
8685 SYNDACTYLY CORRECTION  
8686 ONYCHOPLASTY  
8689 SKIN REPAIR & PLASTY NEC  
8691 SKIN EXCISION FOR GRAFT  
8693 INSERT TISSUE EXPANDER  
8694 INS/REPL SINGLE PUL GEN (OCT 04)  
8695 INS/REPL DUAL PULSE GEN (OCT 04)  
8696 INSERT/REPL OTH NEUROST (OCT 04)  
8697 INS/REP 1 PUL GEN (OCT 05)  
8698 INS/REP 2 PUL GEN (OCT 05)  
8753 INTRAOPER CHOLANGIOGRAM  
9504 ANESTHETIZED EYE EXAM

## Appendix B: Surgical Discharge DRGs

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Complications of Anesthesia (PSI 1) - Page 1</a>	<a href="#">Denominator inclusion - Page 1</a>
<a href="#">Decubitus Ulcer (PSI 3) - Page 5</a>	<a href="#">Denominator inclusion - Page 5</a>
<a href="#">Foreign Body Left during Procedure, Secondary Diagnosis Field (PSI 5 and 21) - Page 14</a>	<a href="#">Denominator inclusion - Page 15</a>
<a href="#">Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22) - Page 15</a>	<a href="#">Denominator inclusion - Page 15</a>
<a href="#">Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23) - Page 21</a>	<a href="#">Denominator inclusion - Page 21</a>
<a href="#">Postoperative Hip Fracture (PSI 8) - Page 21</a>	<a href="#">Denominator inclusion - Page 21</a>
<a href="#">Postoperative Hemorrhage or Hematoma (PSI 9 and 27) - Page 25</a>	<a href="#">Denominator inclusion - Page 26</a>
<a href="#">Postoperative Physiologic and Metabolic Derangement (PSI 10) - Page 27</a>	<a href="#">Denominator inclusion - Page 27</a>
<a href="#">Postoperative Respiratory Failure (PSI 11) - Page 29</a>	<a href="#">Denominator inclusion - Page 29</a>
<a href="#">Postoperative Pulmonary Embolism or Deep Vein Thrombosis (PSI 12) - Page 30</a>	<a href="#">Denominator inclusion - Page 30</a>
<a href="#">Postoperative Sepsis (PSI 13) - Page 30</a>	<a href="#">Denominator inclusion - Page 30</a>
<a href="#">Accidental Puncture or Laceration, Secondary Diagnosis Field (PSI 15 and 25) - Page 38</a>	<a href="#">Denominator inclusion - Page 38</a>
<a href="#">Transfusion Reaction, Secondary Diagnosis Field (PSI 16 and 26) - Page 38</a>	<a href="#">Denominator inclusion - Page 39</a>

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the surgical discharge DRGs are referenced within the PSI detailed definition.

001	CRANIOTOMY, AGE > 17 W/ CC	051	SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY
002	CRANIOTOMY AGE > 17 W/O CC	052	CLEFT LIP AND PALATE REPAIR
003	CRANIOTOMY, AGE 0-17	053	SINUS AND MASTOID PROCEDURES, AGE GREATER THAN 17
004*	SPINAL PROCEDURES	054	SINUS AND MASTOID PROCEDURES, AGE 0-17
005*	EXTRACRANIAL VASCULAR PROCEDURES	055	MISCELLANEOUS EAR, NOSE, MOUTH AND THROAT PROCEDURES
006	CARPAL TUNNEL RELEASE	056	RHINOPLASTY
007	PERIPHERAL AND CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES W/ CC	057	TONSILLECTOMY AND ADENOIDECTOMY PROCEDURES EXCEPT TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE GREATER THAN 17
008	PERIPHERAL AND CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES W/O CC	058	TONSILLECTOMY AND ADNOIDECTOMY PROCEDURES EXCEPT TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE 0-17
036	RETINAL PROCEDURES	059	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE GREATER THAN 17
037	ORBITAL PROCEDURES	060	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE 0 – 17
038	PRIMARY IRIS PROCEDURES	061	MYRINGOTOMY W/ TUBE INSERTION, AGE GREATER THAN 17
039	LENS PROCEDURES W/ OR W/O VITRECTOMY		
040	EXTRAOCULAR PROCEDURES EXCEPT ORBIT, AGE GREATER THAN 17		
041	EXTRAOCULAR PROCEDURES EXCEPT ORBIT, AGE 0-17		
042	INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS AND LENS		
049	MAJOR HEAD AND NECK PROCEDURES		
050	SIALOADENECTOMY		

Appendix B: Surgical Discharge DRGs

062	MYRINGOTOMY W/ TUBE INSERTION, AGE 0-17	155	STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE GREATER THAN 17 W/OUT CC
063	OTHER EAR, NOSE, MOUTH AND THROAT OR PROCEDURES	156	STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE 0-17
075	MAJOR CHEST PROCEDURES	157	ANAL AND STOMAL PROCEDURES W/ CC
076	OTHER RESPIRATORY SYSTEM OR PROCEDURES W/ CC	158	ANAL AND STOMAL PROCEDURES W/O CC
077	OTHER RESPIRATORY SYSTEM OR PROCEDURES W/O CC	159	HERMIA PROCEDURES EXCEPT INGUINAL AND FEMORAL , AGE GREATER THAN 17 W/ CC
103	HEART TRANSPLANT	160	HERNIA PROCEDURES EXCEPT INGUINAL AND FEMORAL, AGE GREATER THAN 17 W/O CC
104	CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/ CARDIAC CATHETERIZATION	161	INGUINAL AND FEMORAL HERNIA PROCEDURES, AGE GREATER THAN 17 W/ CC
105	CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/O CARDIAC CATHETERIZATION	162	INGUINAL AND FEMORAL HERNIA PROCEDURES, AGE GREATER THAN 17 W/O CC
106	CORONARY BYPASS W/ PTCA	163	HERNIA PROCEDURES, AGE 0-17
107	CORONARY BYPASS W/ CARDIAC CATHETERIZATION	164	APPENDECTOMY W/ COMPLICATED PRINCIPAL DIAGNOSIS W/ CC
108	OTHER CARDIOTHORACIC PROCEDURES	165	APPENDECTOMY W/ COMPLICATED PRINCIPAL DIAGNOSIS WIHTOUT CC
109	CORONARY BYPASS W/O CARDIAC CATHETERIZATION	166	APPENDECTOMY W/O COMPLICATED PRINCIPAL IAGNOSIS W/ CC
110	MAJOR CARDIOVASCULAR PROCEDURES W/ CC	167	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAGNOSIS W/O CC
111	MAJOR CARDIOVASCULAR PROCEDURES W/O CC	168	MOUTH PROCEDURES W/ CC
112*	PERCUTANEOUS CARDIOVASCULAR PROCEDURES	169	MOUTH PROCEDURES W/O CC
113	AMPUTATION FOR CIRCULATORY SYSTEM DISORDERS EXCEPT UPPER LIMB AND TOE	170	OTHER DIGESTIVE SYSTEM OR PROCEDURES W/ CC
114	UPPER LIMB AND TOES AMPUTATION FOR CIRCULATORY SITE	171	OTHER DIGESTIVE SYSTEM OR PROCEDURES W/O CC
115	PERMANENT CARDIAC PACEMAKER IMPLANT W/ ACUTE MYOCARDIAL INFARCTION, HEART FAILURE OR SHOCK OR ACID LEAD OR GENERATOR PROCEDURE	191	PANCREAS, LIVER AND SHUNT PROCEDURES W/ CC
116	OTHER PERMANENT CARDIAC PACEMAKER IMPLANT OR PTCA W/ CORONARY ARTERIAL STENT	192	PANCREAS, LIVER AND SHUNT PROCEDURES W/O CC
117	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT	193	BILIARY TRACT PROCEDURES EXCEPT ONLY CHOLECYSTECTOIMY W/ OR W/O COMMON DUCT EXPLORATION W/ CC
118	CARDIAC PACEMAKER DEVICE REPLACEMENT	194	BILIARY TRACT PROCEDURES EXCEPT ONLY CHOLECYSTECTOMY W/ OR W/O COMMON DUCT EXPLORATION W/O CC
119	VEIN LIGATION AND STRIPPING	195	CHOLECYSTECTOMY W/ COMMON DUCT EXPLORATION W/ CC
120	OTHER CIRCULATORY SYSTEM OR PROCEDURES	196	CHOLECYSTECTOMY W/ COMMON DUCT EXPLORATION W/O CC
146	RECTAL RESECTION W/ CC	197	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O COMMON DUCT EXPLORATION W/ CC
147	RECTAL RESECTION W/O CC	198	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O COMMON DUCT EXPORTATION W/O CC
148	MAJOR SMALL AND LARGE BOWEL PROCEDURES W/ CC	199	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY
149	MAJOR SMALL AND LARGE BOWEL PROCEDURES W/O CC	200	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR NONMALIGNANCY
150	PERITONEAL ADHESIOLYSIS W/ CC	201	OTHER HEPATOBIILIARY OR PANCREAS OR PROCEDURES
151	PERITONEAL ADHESIOLYSIS W/O CC	209	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF LOWER EXTREMITY
152	MINOR SMALL AND LARGE BOWEL PROCEDURES W/ CC		
153	MINOR SMALL AND LARGE BOWEL PROCEDURES W/O CC		
154	STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE GREATER THAN 17 W/ CC		

Appendix B: Surgical Discharge DRGs

210	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURES, AGE GREATER THAN 17 W/ CC	261	BREAST PROCEDURE FOR NONMALIGNANCY EXCEPT BIOPSY AND LOCAL EXCISION
211	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURES, AGE GREATER THAN 17 W/O CC	262	BREAST BIOPSY AND LOCAL EXCISION FOR NONMALIGNANCY
212	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURE, AGE 0-17	263	SKIN GRAFT AND/OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS W/ CC
213	AMPUTATION FOR MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DISORDERS	264	SKIN GRAFT AND OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS W/O CC
214*	BACK & NECK PROCEDURES W CC	265	SKIN GRAFT AND OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS W/ CC
215*	BACK & NECK PROCEDURES W/O CC	266	SKIN GRAFT AND/OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS W/O CC
216	BIOPSIES OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	267	PERIANAL AND PILONIDAL PROCEDURES
217	WOUND DEBRIDEMENT AND SKIN GRAFT EXCEPT HAND FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DISORDERS	268	SKIN, SUBCUTANEOUS TISSUE AND BREAST PLASTIC PROCEDURES
218	LOWER EXTREMITY AND HUMERUS PROCEDURES EXCEPT HIP, FOOT AND FEMUR, AGE GREATER THAN 17 W/ CC	269	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST PROCEDURES W/ CC
219	LOWER EXTREMITY AND HUMERUS PROCEDURES EXCEPT HIP, FOOT AND FEMUR, AGE GREATER THAN 17 W/O CC	270	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST PROCEDURES W/O CC
220	LOWER EXTREMITY AND HUMERUS PROCEDURES EXCEPT HIP, FOOT AND FEMUR, AGE 0-17	285	AMPUTATION OF LOWER LIMB FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS
221*	KNEE PROCEDURES W CC	286	ADRENAL AND PITUITARY PROCEDURES
222*	KNEE PROCEDURES W/O CC	287	SKIN GRAFTS AND WOUND DEBRIDEMENTS FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS
223	MAJOR SHOULDER/ELBOW PROCEDURES OR OTHER UPPER EXTREMITY PROCEDURES W/ CC	288	OR PROCEDURES FOR OBESITY
224	SHOULDER, ELBOW OR FOREARM PROCEDURES EXCEPT MAJOR JOINT PROCEDURES W/O CC	289	PARATHYROID PROCEDURES
225	FOOT PROCEDURES	290	THYROID PROCEDURES
226	SOFT TISSUE PROCEDURES W/ CC	291	THYROIDECTOMY PROCEDURES
227	SOFT TISSUE PROCEDURES W/O CC	292	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC OR PROCEDURES W/ CC
228	MAJOR THUMB OR JOINT PROCEDURES OR OTHER HAND OR WRIST PROCEDURES W/ CC	293	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC OR PROCEDURES W/O CC
229	HAND OR WRIST PROCEDURES EXCEPT MAJOR JOINT PROCEDURES W/O CC	302	KIDNEY TRANSPLANT
230	LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES OF HIP AND FEMUR	303	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NEOPLASM
231*	LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES EXCEPT HIP AND FEMUR	304	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NONNEOPLASMS W/ CC
232	ARTHROSCOPY	305	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NONEOPLASMS W/O CC
233	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE OR PROCEDURES W/ CC	306	PROSTATECTOMY W/ CC
234	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE OR PROCEDURES W/O CC	307	PROSTATECTOMY W/O CC
257	TOTAL MASTECTOMY FOR MALIGNANCY W/ CC	308	MINOR BLADDER PROCEDURES W/ CC
258	TOTAL MASTECTOMY FOR MALIGNANCY W/O CC	309	MINOR BLADDER PROCEDURES W/O CC
259	SUBTOTAL MASTECTOMY FOR MALIGNANCY W/ CC	310	TRANSURETHRAL PROCEDURES W/ CC
260	SUBTOTAL MASTECTOMY FOR MALIGNANCY W/O CC	311	TRANSURETHRAL PROCEDURES W/O CC
		312	URETHRAL PROCEDURES, AGE GREATER THAN 17 W/ CC
		313	URETHRAL PROCEDURES, AGE GREATER THAN 17 W/O CC
		314	URETHRAL PROCEDURES, AGE 0-17
		315	OTHER KIDNEY AND URINARY TRACT OR PROCEDURES
		334	MAJOR MALE PELVIC PROCEDURES W/ CC
		335	MAJOR MALE PELVIC PROCEDURES W/O CC

Appendix B: Surgical Discharge DRGs

336	TRANSURETHRAL PROSTATECTOMY W/ CC	401	LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/ CC
337	TRANSURETHRAL PROSTATECTOMY W/O CC	402	LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/O CC
338	TESTES PROCEDURES FOR MALIGNANCY	406	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURES W/ CC
339	TESTES PROCEDURES FOR NONMALIGNANCY, AGE GREATER THAN 17	407	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURES W/O CC
340	TESTES PROCEDURES FOR NONMALIGNANCY, AGE 0-17	408	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ OTHER OR PROCEDURES
341	PENIS PROCEDURES	415	OR PROCEDURE FOR INFECTIOUS AND PARASITIC DISEASES
342	CIRCUMCISION, AGE GREATER THAN 17	424	OR PROCEDURES W/ PRINCIPAL DIAGNOSIS OF MENTAL ILLNESS
343	CIRCUMCISION, AGE 0-17	439	SKIN GRAFTS FOR INJURIES
344	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES FOR MALIGNANCY	440	WOUND DEBRIDEMENTS FOR INJURIES
345	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES EXCEPT FOR MALIGNANCY	441	HAND PROCEDURES FOR INJURIES
353	PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND RADICAL VULVECTOMY	442	OTHER OR PROCEDURES FOR INJURIES W/ CC
354	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXAL MALIGNANCY W/ CC	443	OTHER OR PROCEDURES FOR INJURIES W/O CC
355	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXA PROCEDURES W/O CC	458*	NON-EXTENSIVE BURNS W SKIN GRAFT
356	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	459*	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC
357	UTERINE AND ADNEXA PROCEDURES FOR OVARIAN OR ADNEXAL MALIGNANCY	461	OR PROCEDURES W/ DIAGNOSES OF OTHER CONTACT W/ HEALTH SERVICES
358	UTERINE AND ADNEXA PROCEDURES FOR NONMALIGNANCY W/ CC	468	EXTENSIVE OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
359	UTERINE AND ADNEXA PROCEDURES FOR NONMALIGNANCY W/O CC	471	BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREMITY
360	VAGINA, CERVIX AND VULVA PROCEDURES	472*	EXTENSIVE BURNS W O.R. PROCEDURE
361	LAPAROSCOPY AND INCISIONAL TUBAL INTERRUPTION	476	PROSTATIC OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
362	ENDOSCOPIC TUBAL INTERRUPTION	477	NONEXTENSIVE OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
363	D AND C, CONIZATION AND RADIOIMPLANT FOR MALIGNANCY	478	OTHER VASCULAR PROCEDURES W/ CC
364	D AND C, CONIZATION EXCEPT FOR MALIGNANCY	479	OTHER VASCULAR PROCEDURES W/O CC
365	OTHER FEMALE REPRODUCTIVE SYSTEM OR PROCEDURES	480	LIVER TRANSPLANT
370	CESAREAN SECTION W/ CC	481	BONE MARROW TRANSPLANT
371	CESAREAN SECTION W/O CC	482	TRACHEOSTOMY FOR FACE, MOUTH AND NECK DIAGNOSES
374	VAGINAL DELIVERY W/ STERILIZATION AND/OR D AND C	483*	TRACHEOSTOMY EXCEPT FOR FACE, MOUTH AND NECK DIAGNOSES
375	VAGINAL DELIVERY W/ OR PROCEDURE EXCEPT STERILIZATION AND/OR D AND C	484	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA
377	POSTPARTUM AND POSTABORTION DIAGNOSES W/ OR PROCEDURE	485	LIMB REATTACHMENT, HIP AND FEMUR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
381	ABORTION W/ D AND C ASPIRATION CURETTAGE OR HYSTERECTOMY	486	OTHER OR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
392	SPLENECTOMY, AGE GREATER THAN 17	488	HIV W/ EXTENSIVE OR PROCEDURE
393	SPLENECTOMY, AGE 0-17	491	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY
394	OTHER OR PROCEDURES OF THE BLOOD AND BLOOD-FORMING ORGANS	493	LAPAROSCOPIC CHOLECYSTECTOMY W/O COMMON DUCT EXPLORATION W/ CC
400*	LYMPHOMA AND LEUKEMIA W/ MAJOR OR PROCEDURES	494	LAPAROSCOPIC CHOLECYSTECTOMY W/O COMMON DUCT EXPLORATION W/O CC
		495	LUNG TRANSPLANT

Appendix B: Surgical Discharge DRGs

496	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION	537	LOCAL EXCIS & REMOV OF INT FIX DEV EXCEPT HIP & FEMUR W CC (OCT 03)
497	SPINAL FUSION W/ CC	538	LOCAL EXCIS & REMOV OF INT FIX DEV EXCEPT HIP & FEMUR W/O CC (OCT 03)
498	SPINAL FUSION W/O CC	539	LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W CC (OCT 03)
499	BACK AND NECK PROCEDURES EXCEPT SPINAL FUSION W/ CC	540	LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W/O CC (OCT 03)
500	BACK AND NECK PROCEDURES EXCEPT SPINAL FUSION W/O CC	541	TRACH W MV 96+HRS OR PDX EXC FACE, MTH, FACE & NECK DX W/MAJ OR (OCT 04)
501	KNEE PROCEDURES W/ PRINCIPAL DIAGNOSIS OF INFECTION, W/ CC	542	TRACH W MV 96+HRS OR PDX EXC FACE, MTH, FACE & NECK DX W/O MJ OR (OCT 04)
502	KNEE PROCEDURES W/ PRINCIPAL DIAGNOSIS OF INFECTION, W/O CC	543	CRANIOTOMY WITH IMPLANTATION OF CHEMOTHERAPEUTIC AGENT OR ACUTE COMPLEX CENTRAL NERVOUS SYSTEM PRINCIPAL DIAGNOSIS (OCT 04)
503	KNEE PROCEDURES W/O PRINCIPAL DIAGNOSIS OF INFECTION	544	MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY (OCT 05)
504	EXTENSIVE 3RD DEGREE BURNS W SKIN GRAFT	545	REVISION OF HIP OR KNEE REPLACEMENT (OCT 05)
506	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W CC OR SIG TRAUMA	546	SPINAL FUSION EXC CERV WITH CURVATURE OF THE SPINE OR MALIG (OCT 05)
507	FULL THICKNESS BURN W SKIN GRFT OR INHAL INJ W/O CC OR SIG TRAUMA	547	CORONARY BYPASS W CARDIAC CATH W MAJOR CV DX (OCT 05)
512	SIMULTANEOUS PANCREAS/KIDNEY TRANSPLANT	548	CORONARY BYPASS W CARDIAC CATH W/O MAJOR CV DX (OCT 05)
513	PANCREAS TRANSPLANT	549	CORONARY BYPASS W/O CARDIAC CATH W MAJOR CV DX
514*	CARDIAC DEFIBRILLATOR IMPLANT W CARDIAC CATH	550	CORONARY BYPASS W/O CARDIAC CATH W/O MAJOR CV DX (OCT 05)
515	CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH	551	PERMANENT CARDIAC PACEMAKER IMPL W MAJ CV DX OR AICD LEAD OR GNRTR (OCT 05)
516	PERCUTANEOUS CARDIOVASC PROC W AMI	552	OTHER PERMANENT CARDIAC PACEMAKER IMPLANT W/O MAJOR CV DX (OCT 05)
517	PERC CARDIO PROC W NON-DRUG ELUTING STENT W/O AMI	553	OTHER VASCULAR PROCEDURES W CC W MAJOR CV DX (OCT 05)
518	PERC CARDIO PROC W/O CORONARY ARTERY STENT OR AMI	554	OTHER VASCULAR PROCEDURES W CC W/O MAJOR CV DX (OCT 05)
519	CERVICAL SPINAL FUSION W CC	555	PERCUTANEOUS CARDIOVASCULAR PROC W MAJOR CV DX (OCT 05)
520	CERVICAL SPINAL FUSION W/O CC	556	PERCUTANEOUS CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MAJ CV DX (OCT 05)
525	HEART ASSIST SYSTEM IMPLANT (OCT 02)	557	PERCUTANEOUS CARDIOVASCULAR PROC W DRUG-ELUTING STENT W MAJOR CV DX (OCT 05)
526	PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT W AMI (APR 03)	558	PERCUTANEOUS CARDIOVASCULAR PROC W DRUG-ELUTING STENT W/O MAJ CV DX (OCT 05)
527	PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT W/O AMI (APR 03)		
528	INTRACRANIAL VASCULAR PROC W PDX HEMORRHAGE (OCT 03)		
529	VENTRICULAR SHUNT PROCEDURES W CC (OCT 03)		
530	VENTRICULAR SHUNT PROCEDURES W/O CC (OCT 03)		
531	SPINAL PROCEDURES W CC (OCT 03)		
532	SPINAL PROCEDURES W/O CC (OCT 03)		
533	EXTRACRANIAL PROCEDURES W CC (OCT 03)		
534	EXTRACRANIAL PROCEDURES W/O CC (OCT 03)		
535	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK (OCT 03)		
536	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK (OCT 03)		

\* No longer valid in FY2005

## Appendix C: ICD-9-CM Trauma Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Death in Low-Mortality DRGs (PSI 2)</a> - Page 3	<a href="#">Denominator exclusion</a> - Page 5
<a href="#">Failure to Rescue (PSI 4)</a> - Page 7	<a href="#">FTR 1 Denominator exclusion</a> - Page 8 <a href="#">FTR 5 Denominator exclusion</a> - Page 12 <a href="#">FTR 6 Denominator exclusion</a> - Page 14
<a href="#">Postoperative Hip Fracture (PSI 8)</a> - Page 21	<a href="#">Denominator exclusion</a> - Page 22

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the ICD-9-CM trauma diagnosis codes are referenced within the PSI detailed definition.

*ICD-9-CM Trauma diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits), New codes are listed through 5<sup>th</sup> digit:*

800	FRACTURE OF VAULT OF SKULL
801	FRACTURE OF BASE OF SKULL
802	FRACTURE OF FACE BONES
803	OTHER AND UNQUALIFIED SKULL FRACTURES
804	MULTIPLE FRACTURES INVOLVING SKULL OR FACE W/ OTHER BONES
805	FRACTURE OF VERTEBRAL COLUMN W/O MENTION OF SPINAL CORD INJURY
806	FRACTURE OF VERTEBRAL COLUMN W/ SPINAL CORD INJURY
807	FRACTURE OF RIB[S] STERNUM, LARYNX, AND TRACHEA
808	FRACTURE OF PELVIS
809	ILL-DEFINED FRACTURES OF BONES OF TRUNK
810	FRACTURE OF CLAVICLE
811	FRACTURE OF SCAPULA
812	FRACTURE OF HUMERUS
813	FRACTURE OF RADIUS AND ULNA
814	FRACTURE OF CARPAL BONE[S]
815	FRACTURE OF METACARPAL BONE[S]
817	MULTIPLE FRACTURE OF HAND BONES
818	ILL-DEFINED FRACTURES OF UPPER LIMB
819	MULTIPLE FRACTURES INVOLVING BOTH UPPER LIMBS, AND UPPER LIMB W/ RIB AND STERNUM
820	FRACTURE OF NECK OF FEMUR
821	FRACTURE OF OTHER AND UNSPECIFIED PARTS OF FEMUR
822	FRACTURE OF PATELLA
823	FRACTURE OF TIBIA AND FIBULA
824	FRACTURE OF ANKLE
825	FRACTURE OF ONE OR MORE TARSAL AND METATARSAL BONES
827	OTHER, MULTIPLE, AND ILL-DEFINED FRACTURES OF LOWER LIMB
828	MULTIPLE FRACTURES INVOLVING BOTH LOWER LIMBS, LOWER W/ UPPER LIMB, AND LOWER LIMB W/ RIB AND STERNUM
829	FRACTURE OF UNSPECIFIED BONES
830	DISLOCATION OF JAW
831	DISLOCATION OF SHOULDER
832	DISLOCATION OF ELBOW
833	DISLOCATION OF WRIST
835	DISLOCATION OF HIP
836	DISLOCATION OF KNEE
837	DISLOCATION OF ANKLE
838	DISLOCATION OF FOOT
839	OTHER, MULTIPLE, AND ILL-DEFINED DISLOCATIONS
850	CONCUSSION
85011	CONCUSSION W/ BRIEF COMA <31 MINUTES (OCT 03)



Appendix C: ICD-9-CM Trauma Diagnosis Codes

85012 CONCUSSION W/ BRIEF COMA 31-59 MINUTES (OCT 03)  
851 CEREBRAL LACERATION AND CONTUSION  
852 SUBARACHNOID, SUBDURAL, AND EXTRADURAL HEMORRHAGE, FOLLOWING INJURY  
853 OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE FOLLOWING INJURY  
854 INTRACRANIAL INJURY OF OTHER AND UNSPECIFIED NATURE  
860 TRAUMATIC PNEUMOTHORAX  
861 INJURY TO HEART AND LUNG  
862 INJURY TO OTHER AND UNSPECIFIED INTRATHORACIC ORGANS  
863 INJURY TO GASTROINTESTINAL TRACT  
864 INJURY TO LIVER  
865 INJURY TO SPLEEN  
866 INJURY TO KIDNEY  
867 INJURY TO PELVIC ORGANS  
868 INJURY TO OTHER INTRA-ABDOMINAL ORGANS  
869 INTERNAL INJURY TO UNSPECIFIED OR ILL-DEFINED ORGANS  
870 OPEN WOUND OF OCULAR ADNEXA  
871 OPEN WOUND OF EYEBALL  
872 OPEN WOUND OF EAR  
873 OTHER OPEN WOUND OF HEAD  
874 OPEN WOUND OF NECK  
875 OPEN WOUND OF CHEST [WALL]  
876 OPEN WOUND OF BACK  
877 OPEN WOUND OF BUTTOCK  
878 OPEN WOUND OF GENITAL ORGANS [EXTERNAL] INCLUDING TRAUMATIC AMPUTATION  
879 OPEN WOUND OF OTHER AND UNSPECIFIED SITES, EXCEPT LIMBS  
880 OPEN WOUND OF SHOULDER AND UPPER ARM  
881 OPEN WOUND OF ELBOW, FOREARM, AND WRIST  
882 OPEN WOUND OF HAND EXCEPT FINGER ALONE  
884 MULTIPLE AND UNSPECIFIED OPEN WOUND OF UPPER LIMB  
887 TRAUMATIC AMPUTATION OF ARM AND HAND (COMPLETE) (PARTIAL)  
890 OPEN WOUND OF HIP AND THIGH  
891 OPEN WOUND OF KNEE, LEG (EXCEPT THIGH) AND ANKLE  
892 OPEN WOUND OF FOOT EXCEPT TOE ALONE  
894 MULTIPLE AND UNSPECIFIED OPEN WOUND OF LOWER LIMB  
896 TRAUMATIC AMPUTATION OF FOOT (COMPLETE) (PARTIAL)  
897 TRAUMATIC AMPUTATION OF LEG[S] (COMPLETE) (PARTIAL)  
900 INJURY TO BLOOD VESSELS OF HEAD AND NECK  
901 INJURY TO BLOOD VESSELS OF THORAX  
902 INJURY TO BLOOD VESSELS OF ABDOMEN AND PELVIS  
903 INJURY TO BLOOD VESSELS OF UPPER EXTREMITY  
904 INJURY TO BLOOD VESSELS OF LOWER EXTREMITY AND UNSPECIFIED SITES  
925 CRUSHING INJURY OF FACE, SCALP, AND NECK  
926 CRUSHING INJURY OF TRUNK  
927 CRUSHING INJURY OF UPPER LIMB  
928 CRUSHING INJURY OF LOWER LIMB  
929 CRUSHING INJURY OF MULTIPLE AND UNSPECIFIED SITES  
940 BURN CONFINED TO EYE AND ADNEXA  
941 BURN OF FACE, HEAD, AND NECK  
942 BURN OF TRUNK  
943 BURN OF UPPER LIMB, EXCEPT WRIST AND HAND  
944 BURN OF WRIST[S] AND HAND[S]  
945 BURN OF LOWER LIMB[S]  
946 BURNS OF MULTIPLE SPECIFIED SITES  
947 BURN OF INTERNAL ORGANS  
948 BURNS CLASSIFIED ACCORDING TO EXTENT OF BODY SURFACE INVOLVED  
949 BURN, UNSPECIFIED  
952 SPINAL CHORD INJURY W/O EVIDENCE OF SPINAL BONE INJURY  
953 INJURY TO NERVE ROOTS AND SPINAL PLEXUS  
958 CERTAIN EARLY COMPLICATIONS OF TRAUMA

## Appendix D: ICD-9-CM Codes for Immunocompromised States

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Death in Low-Mortality DRGs (PSI 2)</a> - Page 3	<a href="#">Denominator exclusion</a> - Page 5
<a href="#">Failure to Rescue (PSI 4)</a> - Page 7	<a href="#">FTR 3 Denominator exclusion</a> - Page 10 <a href="#">FTR 4 Denominator exclusion</a> - Page 10
<a href="#">Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23)</a> - Page 21	<a href="#">Denominator exclusion</a> - Page 21
<a href="#">Postoperative Sepsis (PSI 13)</a> - Page 30	<a href="#">Denominator exclusion</a> - Page 30
<a href="#">Postoperative Wound Dehiscence, Secondary Diagnosis Field (PSI 14 and 24))</a> - Page 31	<a href="#">Denominator exclusion</a> - Page 31

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the immunocompromised states are referenced within the PSI detailed definition.

### ICD-9-CM Immunocompromised States diagnosis codes:

042	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	40311	BEN HYP KIDNEY W CHR KID (OCT 05)
1363	PNEUMOCYSTOSIS	40391	HYP KIDNEY NOS W CHR KID (OCT 05)
260	KWASHIORKOR (OCT 05)	40402	MAL HY HRT/KID W CHR KID (OCT 05)
261	NUTRITIONAL MARASMUS (OCT 05)	40403	MAL HYP HRT/KID W HF/KID (OCT 05)
262	OTH SEVERE MALNUTRITION (OCT 05)	40412	BEN HYP HT/KID W CHR KID (OCT 05)
27900	HYPOGAMMAGLOBULINEM NOS	40413	BEN HYP HT/KID W HF/KID (OCT 05)
27901	SELECTIVE IGA IMMUNODEF	40492	HYP HT/KID NOS W CHR KID (OCT 05)
27902	SELECTIVE IGM IMMUNODEF	40493	HYP HRT/KID NOS W HF/KID (OCT 05)
27903	SELECTIVE IG DEFIC NEC	5793	INTEST POSTOP NONABSORB (OCT 05)
27904	CONG HYPOGAMMAGLOBULINEM	585	CHRONIC KIDNEY DISEASE (OCT 05)
27905	IMMUNODEFIC W HYPER-IGM	5855	CHRON KIDNEY DIS STAGE V (OCT 05)
27906	COMMON VARIABL IMMUNODEF	5856	END STAGE RENAL DISEASE (OCT 05)
27909	HUMORAL IMMUNITY DEF NEC	9968	COMPLICATIONS OF TRANSPLANTED ORGAN
27910	IMMUNDEF T-CELL DEF NOS	99680	COMP ORGAN TRANSPLNT NOS
27911	DIGEORGES SYNDROME	99681	COMPL KIDNEY TRANSPLANT
27912	WISKOTT-ALDRICH SYNDROME	99682	COMPL LIVER TRANSPLANT
27913	NEZELOFS SYNDROME	99683	COMPL HEART TRANSPLANT
27919	DEFIC CELL IMMUNITY NOS	99684	COMPL LUNG TRANSPLANT
2792	COMBINED IMMUNITY DEFICIENCY	99685	COMPL MARROW TRANSPLANT
2793	UNSPECIFIED IMMUNITY DEFICIENCY	99686	COMPL PANCREAS TRANSPLNT
2794	AUTOIMMUNE DISEASE, NOT ELSEWHERE CLASSIFIED	99687	COMP INTESTINE TRANSPLNT
2798	OTHER SPECIFIED DISORDERS INVOLVING THE IMMUNE MECHANISM	99689	COMP OTH ORGAN TRANSPLNT
2799	UNSPECIFIED DISORDER OF IMMUNE MECHANISM	V420	KIDNEY REPLACED BY TRANSPLANT
2880	AGRANULOCYTOSIS (OCT 05)	V421	HEART REPLACED BY TRANSPLANT
2881	FUNCTION DIS NEUTROPHILS (OCT 05)	V426	LUNG REPLACED BY TRANSPLANT
2882	GENETIC ANOMALY LEUKOCYT (OCT 05)	V427	LIVER REPLACED BY TRANSPLANT
40301	MAL HYP KIDNEY W CHR KID (OCT 05)	V428	OTHER SPECIFIED ORGAN OR TISSUE
		V4281	BONE MARROW SPECIFIED BY TRANSPLANT
		V4282	PERIPHERAL STEM CELLS REPLACED BY TRANSPLANT

Appendix D: ICD-9-CM Codes for Immunocompromised States

V4283	PANCREAS REPLACED BY TRANSPLANT	V560	RENAL DIALYSIS ENCOUNTER (OCT 05)
V4284	INTESTINES REPLACE BY TRANSPLANT	V561	FT/ADJ XTRCORP DIAL CATH (OCT 05)
V4289	OTHER REPLACED BY TRANSPLANT	V562	FIT/ADJ PERIT DIAL CATH (OCT 05)
V451	RENAL DIALYSIS STATUS (OCT 05)		

*ICD-9-CM Immunocompromised States procedure codes:*

0018	INFUS IMMUNOSUP ANTIBODY (OCT 05)	4105	ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANT W/O PURGING
335	LUNG TRANSPLANTATION	4106	CORD BLOOD STEM CELL TRANSPLANT
3350	LUNG TRANSPLANTATION, NOS	4107	AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANT W/ PURGING
3351	UNILATERAL LUNG TRANSPLANTATION	4108	ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANT W/ PURGING
3352	BILATERAL LUNG TRANSPLANTATION	4109	AUTOLOGOUS BONE MARROW TRANSPLANT W/ PURGING
336	COMBINED HEART-LUNG TRANSPLANTATION	5051	AUXILIARY LIVER TRANSPLANT
375	HEART TRANSPLANTATION	5059	LIVER TRANSPLANT, NEC
3751	HEART TRANSPLANTATION (OCT 03)	5280	PANCREATIC TRANSPLANT, NOS
410	OPERATIONS ON BONE MARROW AND SPLEEN	5281	REIMPLANTATION OF PANCREATIC TISSUE
4100	BONE MARROW TRANSPLANT, NOS	5282	HOMOTRANSPLANT OF PANCREAS
4101	AUTOLOGOUS BONE MARROW TRANSPLANT W/O PURGING	5283	HETEROTRANSPLANT OF PANCREAS
4102	ALLOGENEIC BONE MARROW TRANSPLANT W/ PURGING	5285	ALLOTTRANSPLANTATION OF CELLS OF ISLETS OF LANGERHANS
4103	ALLOGENEIC BONE MARROW TRANSPLANT W/O PURGING	5286	TRANSPLANTATION OF CELLS OF ISLETS OF LANGERHANS, NOS
4104	AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANT W/O PURGING	5569	OTHER KIDNEY TRANSPLANTATION

## Appendix E: Cancer Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Death in Low-Mortality DRGs (PSI 2)</a> - Page 3	<a href="#">Denominator exclusion</a> - Page 5
<a href="#">Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23)</a> - Page 21	<a href="#">Denominator exclusion</a> - Page 21
<a href="#">Postoperative Sepsis (PSI 13)</a> - Page 30	<a href="#">Denominator exclusion</a> - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the cancer codes are referenced within the PSI detailed definition.

*ICD-9-CM Cancer diagnosis codes (includes 4<sup>th</sup> and 5<sup>th</sup> digits):*

140	MALIGNANT NEOPLASM OF LIP	162	MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS, AND LUNG
141	MALIGNANT NEOPLASM OF TONGUE	163	MALIGNANT NEOPLASM OF PLEURA
142	MALIGNANT NEOPLASM OF MAJOR SALIVARY GLANDS	164	MALIGNANT NEOPLASM OF THYMUS, HEART, AND MEDIASTINUM
143	MALIGNANT NEOPLASM OF GUM	165	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS
144	MALIGNANT NEOPLASM OF FLOOR OF MOUTH	170	MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE
145	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF MOUTH	171	MALIGNANT NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE
146	MALIGNANT NEOPLASM OF OROPHARYNX	172	MALIGNANT MELANOMA OF SKIN
147	MALIGNANT NEOPLASM OF NASOPHARYNX	174	MALIGNANT NEOPLASM OF FEMALE BREAST
148	MALIGNANT NEOPLASM OF HYPOPHARYNX	175	MALIGNANT NEOPLASM OF MALE BREAST
149	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY, AND PHARYNX	176	KARPOSI'S SARCOMA
150	MALIGNANT NEOPLASM OF ESOPHAGUS	179	MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED
151	MALIGNANT NEOPLASM OF STOMACH	180	MALIGNANT NEOPLASM OF CERVIX UTERI
152	MALIGNANT NEOPLASM OF SMALL INTESTINE, INCLUDING DUODENUM	181	MALIGNANT NEOPLASM OF PLACENTA
153	MALIGNANT NEOPLASM OF COLON	182	MALIGNANT NEOPLASM OF BODY OF UTERUS
154	MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION, AND ANUS	183	MALIGNANT NEOPLASM OF OVARY AND OTHER UTERINE ADNEXA
155	MALIGNANT NEOPLASM OF LIVER AND INTRAHEPATIC BILE DUCTS	184	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS
156	MALIGNANT NEOPLASM OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	185	MALIGNANT NEOPLASM OF PROSTATE
157	MALIGNANT NEOPLASM OF PANCREAS	186	MALIGNANT NEOPLASM OF TESTES
158	MALIGNANT NEOPLASM OF RETROPERITONEUM AND PERITONEUM	187	MALIGNANT NEOPLASM OF PENIS AND OTHER MALE GENITAL ORGANS
159	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM	188	MALIGNANT NEOPLASM OF BLADDER
160	MALIGNANT NEOPLASM OF NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES	189	MALIGNANT NEOPLASM OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS
161	MALIGNANT NEOPLASM OF LARYNX	190	MALIGNANT NEOPLASM OF EYE
		191	MALIGNANT NEOPLASM OF BRAIN

Appendix F: Medical Discharge DRGs

192	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	200	LYMPHOSARCOMA AND RETICULOSARCOMA
193	MALIGNANT NEOPLASM OF THYROID GLAND	201	HODGKIN'S DISEASE
194	MALIGNANT NEOPLASM OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	202	OTHER MALIGNANT NEOPLASMS OF LYMPHOID AND HISTIOCYTIC TISSUES
195	MALIGNANT NEOPLASM OF OTHER, AND ILL-DEFINED SITES	203	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS
196	SECONDARY AND UNSPECIFIED MALIGNANT NEOPLASM OF LYMPH NODES	204	LYMPHOID LEUKEMIA
197	SECONDARY MALIGNANT NEOPLASM OF RESPIRATORY AND DIGESTIVE SYSTEMS	205	MYELOID LEUKEMIA
198	SECONDARY MALIGNANT NEOPLASM OF OTHER SPECIFIED SITES	206	MONOCYTIC LEUKEMIA
199	MALIGNANT NEOPLASM W/O SPECIFICATION OF SITE	207	OTHER SPECIFIED LEUKEMIA
		208	LEUKEMIA OF UNSPECIFIED CELL TYPE
		2386	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSPECIFIED SITES AND TISSUES, PLASMA CELLS
		2733	MACROGLOBULINEMIA

Personal history of malignant neoplasm:

V1000	GASTROINTESTINAL TRACT, UNSPECIFIED	V1049	OTHER MALE GENITAL ORGANS
V1001	TONGUE	V1050	URINARY ORGAN, UNSPECIFIED
V1002	OTHER AND UNSPECIFIED ORAL CAVITY AND PHARYNX	V1051	BLADDER
V1003	ESOPHAGUS	V1052	KIDNEY
V1004	STOMACH	V1053	RENAL PELVIS
V1005	LARGE INTESTINE	V1059	URINARY ORGANS, OTHER
V1006	RECTUM, RECTOSIGMOID JUNCTION, AND ANUS	V1060	LEUKEMIA, UNSPECIFIED
V1007	LIVER	V1061	LYMPHOID LEUKEMIA
V1009	OTHER	V1062	MYELOID LEUKEMIA
V1011	BRONCHUS AND LUNG	V1063	MONOCYTIC LEUKEMIA
V1012	TRACHEA	V1069	LEUKEMIA, OTHER
V1020	RESPIRATORY ORGAN, UNSPECIFIED	V1071	LYMPHOSARCOMA AND RETICULOSARCOMA
V1021	LARYNX	V1072	HODGKIN'S DISEASE
V1022	NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES	V1079	OTHER LYMPHATIC AND HEMATOPOIETIC NEOPLASMS, OTHER
V1029	OTHER RESPIRATORY AND INTRATHORACIC ORGANS, OTHER	V1081	BONE
V103	BREAST	V1082	MALIGNANT MELANOMA OF SKIN
V1040	FEMALE GENITAL ORGAN, UNSPECIFIED	V1083	OTHER MALIGNANT NEOPLASM OF SKIN
V1041	CERVIX UTERI	V1084	EYE
V1042	OTHER PARTS OF UTERUS	V1085	BRAIN
V1043	OVARY	V1086	OTHER PARTS OF NERVOUS SYSTEM
V1044	OTHER FEMALE GENITAL ORGANS	V1087	THYROID
V1045	MALE GENITAL ORGAN, UNSPECIFIED	V1088	OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES
V1046	PROSTATE	V1089	OTHER
V1047	TESTES	V109	UNSPECIFIED PERSONAL HISTORY OF MALIGNANT NEOPLASM
V1048	EPIDIDYMIS		

## Appendix F: Medical Discharge DRGs

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Decubitus Ulcer (PSI 3) - Page 5</a>	<a href="#">Denominator inclusion - Page 5</a>
<a href="#">Foreign Body Left during Procedure, Secondary Diagnosis Field (PSI 5 and 21) - Page 14</a>	<a href="#">Denominator inclusion - Page 15</a>
<a href="#">Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22) - Page 15</a>	<a href="#">Denominator inclusion - Page 15</a>
<a href="#">Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23) - Page 21</a>	<a href="#">Denominator inclusion - Page 21</a>
<a href="#">Accidental Puncture or Laceration, Secondary Diagnosis Field (PSI 15 and 25) - Page 38</a>	<a href="#">Denominator inclusion - Page 38</a>
<a href="#">Transfusion Reaction, Secondary Diagnosis Field (PSI 16 and 26) - Page 38</a>	<a href="#">Denominator inclusion - Page 39</a>

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the medical discharge DRGs are referenced within the PSI detailed definition.

### Medical Discharge DRGs:

009	SPINAL DISORDERS AND INJURIES	028	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 W/ CC
010	NERVOUS SYSTEM NEOPLASMS W/ CC	029	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 W/O CC
011	NERVOUS SYSTEM NEOPLASMS W/ CC	030	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE 0-17
012	DEGENERATIVE NERVOUS SYSTEM DISORDERS	031	CONCUSSION, AGE GREATER THAN 17 W/ CC
013	MULTIPLE SCLEROSIS AND CEREBELLAR ATAXIA	032	CONCUSSION, AGE GREATER THAN 17 W/O CC
014	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TRANSIENT ISCHEMIC ATTACK	033	CONCUSSION, AGE 0-17
015	TRANSIENT ISCHEMIC ATTACK AND PRECEREBRAL OCCLUSIONS	034	OTHER DISORDERS OF NERVOUS SYSTEM W/ CC
016	NONSPECIFIC CEREBROVASCULAR DISORDERS W/ CC	035	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC
017	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O CC	043	HYPHEMA
018	CRANIAL AND PERIPHERAL NERVE DISORDERS W/ CC	044	ACUTE MAJOR EYE INFECTIONS
019	CRANIAL AND PERIPHERAL NERVE DISORDERS W/O CC	045	NEUROLOGICAL EYE DISORDERS
020	NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	046	OTHER DISORDERS OF THE EYE, AGE GREATER THAN 17 W/ CC
021	VIRAL MENINGITIS	047	OTHER DISORDER OF THE EYE, AGE GREATER THAN 17 W/O CC
022	HYPERTENSIVE ENCEPHALOPATHY	048	OTHER DISORDERS OF THE EYE, AGE 0-17
023	NONTRAUMATIC STUPOR AND COMA	064	EAR, NOSE, MOUTH AND THROAT MALIGNANCY
024	SEIZURE AND HEADACHE, AGE GREATER THAN 17 W/ CC	065	DISEQUILIBRIA
025	SEIZURE AND HEADACHE, AGE GREATER THAN 17 W/O CC	066	EPISTAXIS
026	SEIZURE AND HEADACHE, AGE 0-17	067	EPIGLOTTITIS
027	TRAUMATIC STUPOR AND COMA, COMA GREATER THAN ONE HOUR	068	OTITIS MEDIA AND URI, AGE GREATER THAN 17 W/ CC

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069	OTITIS MEDIA AND URI, AGE GREATER THAN 17 W/O CC	125	CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION W/ CARDIAC CATHETERIZATION W/O COMPLEX DIAGNOSIS
070	OTITIS MEDIA AND URI, AGE 0-17	126	ACUTE AND SUB ACUTE ENDOCARDITIS
071	LARYNGOTRACHEITIS	127	HEART FAILURE AND SHOCK
072	NASAL TRAUMA AND DEFORMITY	128	DEEP VEIN THROMBOPHLEBITIS
073	OTHER EAR, NOSE, MOUTH AND THROAT DIAGNOSES, AGE GREATER THAN 17	129	CARDIAC ARREST, UNEXPLAINED
074	OTHER EAR, NOSE, MOUTH AND THROAT DIAGNOSES, AGE 0-17	130	PERIPHERAL VASCULAR DISORDERS W/ CC
078	PULMONARY EMBOLISM	131	PERIPHERAL VASCULAR DISORDERS W/O CC
079	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 W/ CC	132	ATHEROSCLEROSIS W/ CC
080	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 W/O CC	133	ATHEROSCLEROSIS W/O CC
081	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE 0-17	134	HYPERTENSION
082	RESPIRATORY NEOPLASMS	135	CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE GREATER THAN 17 W/ CC
083	MAJOR CHEST TRAUMA W/ CC	136	CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE GREATER THAN 17 W/O CC
084	MAJOR CHEST TRAUMA W/O CC	137	CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE 0 - 17
085	PLEURAL EFFUSION W/ CC	138	CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/ CC
086	PLEURAL EFFUSION W/O CC	139	CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/O CC
087	PULMONARY EDEMA AND RESPIRATORY FAILURE	140	ANGINA PECTORIS
088	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	141	SYNCOPE AND COLLAPSE W/ CC
089	SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 W/ CC	142	SYNCOPE AND COLLAPSE W/O CC
090	SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 W/O CC	143	CHEST PAIN
091	SIMPLE PNEUMONIA AND PLEURISY, AGE 0-17	144	OTHER CIRCULATORY SYSTEM DIAGNOSES W/ CC
092	INTERSTITIAL LUNG DISEASE W/ CC	145	OTHER CIRCULATORY SYSTEM DIAGNOSES W/O CC
093	INTERSTITIAL LUNG DISEASE W/O CC	172	DIGESTIVE MALIGNANCY W/ CC
094	PNEUMOTHORAX W/ CC	173	DIGESTIVE MALIGNANCY W/O CC
095	PNEUMOTHORAX W/O CC	174	GI HEMORRHAGE W/ CC
096	BRONCHITIS AND ASTHMA, AGE GREATER THAN 17 W/ CC	175	GI HEMORRHAGE W/O CC
097	BRONCHITIS AND ASTHMA, AGE GREATER THAN 17 W/O CC	176	COMPLICATED PEPTIC ULCER
098	BRONCHITIS AND ASTHMA, AGE 0-17	177	UNCOMPLICATED PEPTIC ULCER W/ CC
099	RESPIRATORY SIGNS AND SYMPTOMS W/ CC	178	UNCOMPLICATED PEPTIC ULCER W/O CC
100	RESPIRATORY SIGNS AND SYMPTOMS W/O CC	179	INFLAMMATORY BOWEL DISEASE
101	OTHER RESPIRATORY SYSTEM DIAGNOSES W/ CC	180	GI OBSTRUCTION W/ CC
102	OTHER RESPIRATORY SYSTEM DIAGNOSES W/O CC	181	GI OBSTRUCTION W/O CC
121	CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION AND MAJOR COMPLICATION, DISCHARGED ALIVE	182	ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS, AGE GREATER THAN 17 W/ CC
122	CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION W/O MAJOR COMPLICATION, DISCHARGED ALIVE	183	ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS, AGE GREATER THAN 17 W/O CC
123	CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION, EXPIRED	184	ESOPHAGITIS, GASTROENTERITIS AND MISCELLANESOU DIGESTIVE DISORDERS, AGE 0-17
124	CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION W/ CARDIAC CATHETERIZATION AND COMPLEX DIAGNOSIS	185	DENTAL AND ORAL DISEASES EXCEPT EXTRACTIONS AND RESTORATIONS, AGE GREATER THAN 17
		186	DENTAL AND ORAL DISEASES EXCEPT EXTRACTIONS AND RESTORATIONS, AGE 0-17

Appendix F: Medical Discharge DRGs

187	DENTAL EXTRACTIONS AND RESTORATIONS	254	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT, AGE GREATER THAN 17 W/O CC
188	OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE GREATER THAN 17 W/ CC		
189	OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE GREATER THAN 17 W/O CC	255	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT, AGE 0-17
190	OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE 0-17	256	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES
202	CIRRHOSIS AND ALCOHOLIC HEPATITIS	271	SKIN ULCERS
203	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	272	MAJOR SKIN DISORDERS W/ CC
204	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	273	MAJOR SKIN DISORDERS W/O CC
205	DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS AND ALCOHOLIC HEPATITIS W/ CC	274	MALIGNANT BREAST DISORDERS W/ CC
206	DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS AND ALCOHOLIC HEPATITIS W/O CC	275	MALIGNANT BREAST DISORDERS W/O CC
207	DISORDERS OF THE BILIARY TRACT W/ CC	276	NONMALIGNANT BREAST DISORDERS
208	DISORDERS OF THE BILIARY TRACT W/O CC	277	CELLULITIS, AGE GREATER THAN 17 W/ CC
235	FRACTURES OF FEMUR	278	CELLULITIS, AGE GREATER THAN 17 W/O CC
236	FRACTURES OF HIP AND PELVIS	279	CELLULITIS, AGE 0-17
237	SPRAINS, STRAINS AND DISLOCATIONS OF HIP, PELVIS AND THIGH	280	TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE GREATER THAN 17 W/ CC
238	OSTEOMYELITIS	281	TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE GREATER THAN 17 W/O CC
239	PATHOLOGICAL FRACTURES AND MUSCULOSKELETAL AND CONNECTIVE TISSUE MALIGNANCY	282	TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE 0-17
240	CONNECTIVE TISSUE DISORDERS W/ CC	283	MINOR SKIN DISORDERS W/ CC
241	CONNECTIVE TISSUE DISORDERS W/O CC	284	MINOR SKIN DISORDERS W/O CC
242	SEPTIC ARTHRITIS	294	DIABETES, AGE GREATER THAN 35
243	MEDICAL BACK PROBLEMS	295	DIABETES, AGE 0-35
244	BONE DISEASES AND SPECIFIC ARTHROPATHIES W/ CC	296	NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE GREATER THAN 17 W/ CC
245	BONE DISEASES AND SPECIFIC ARTHROPATHIES W/O CC	297	NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE GREATER THAN 17 W/O CC
246	NONSPECIFIC ARTHROPATHIES	298	NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE 0-17
247	SIGNS AND SYMPTOMS OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	299	INBORN ERRORS OF METABOLISM
248	TENDONITIS, MYOSITIS AND BURSITIS	300	ENDOCRINE DISORDERS W/ CC
249	AFTERCARE, MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	301	ENDOCRINE DISORDERS W/O CC
250	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE GREATER THAN 17 W/ CC	316	RENAL FAILURE
251	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE GREATER THAN 17 W/O CC	317	ADMISSION FOR RENAL DIALYSIS
252	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE 0-17	318	KIDNEY AND URINARY TRACT NEOPLASMS W/ CC
253	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT, AGE GREATER THAN 17 W/ CC	319	KIDNEY AND URINARY TRACT NEOPLASMS W/O CC
		320	KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 W/ CC
		321	KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 W/O CC
		322	KIDNEY AND URINARY TRACT INFECTION, AGE 0-17
		323	URINARY STONES W/ CC AND/ OR ESW LITHOTRIPSY
		324	URINARY STONES W/O CC



Appendix F: Medical Discharge DRGs

325	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE GREATER THAN 17 W/ CC	399	RETICULOENDOTHELIAL AND IMMUNITY DISORDERS W/O CC
326	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE GREATER THAN 17 W/O CC	403	LYMPHOMA AND NONACUTE LEUKEMIA W/ CC
327	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE 0-17	404	LYMPHOMA AND NONACUTE LEUKEMIA W/O CC
328	URETHRAL STRICTURE, AGE GREATER THAN 17 W/ CC	405	ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE 0-17
329	URETHRAL STRICTURE, AGE GREATER THAN 17 W/O CC	409	RADIOTHERAPY
330	URETHRAL STRICTURE, AGE AGE 0-17	410	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
331	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE GREATER THAN 17 W/ CC	411	HISTORY OF MALIGNANCY W/O ENDOSCOPY
332	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE GREATER THAN 17 W/O CC	412	HISTORY OF MALIGNANCY W/ ENDOSCOPY
333	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE 0-17	413	OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/ CC
346	MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/ CC	414	OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/O CC
347	MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/O CC	416	SEPTICEMIA, AGE GREATER THAN 17
348	BENIGN PROSTATIC HYPERTROPHY W/ CC	417	SEPTICEMIA, AGE 0-17
349	BENIGN PROSTATIC HYPERTROPHY W/O CC	418	POSTOPERATIVE AND POSTTRAUMATIC INFECTIONS
350	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	419	FEVER OF UNKNOWN ORIGIN, AGE GREATER THAN 17 W/ CC
351	STERILIZATION, MALE	420	FEVER OF UNKNOWN ORIGIN, AGE GREATER THAN 17 W/O CC
352	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	421	VIRAL ILLNESS, AGE GREATER THAN 17
366	MALIGNANCY OF FEMALE REPRODUCTIVE SYSTEM W/ CC	422	VIRAL ILLNESS AND FEVER OF UNKNOWN ORIGIN, AGE 0-17
367	MALIGNANCY OF FEMALE REPRODUCTIVE SYSTEM W/O CC	423	OTHER INFECTIOUS AND PARASITIC DISEASES DIAGNOSES
368	INFECTIONS OF FEMALE REPRODUCTIVE SYSTEM	425	ACUTE ADJUSTMENT REACTIONS AND DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION
369	MENSTRUAL AND OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	426	DEPRESSIVE NEUROSES
372	VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES	427	NEUROSES EXCEPT DEPRESSIVE
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	428	DISORDERS OF PERSONALITY AND IMPULSE CONTROL
376	POSTPARTUM AND POSTABORTION DIAGNOSES W/O OR PROCEDURE	429	ORGANIC DISTURBANCES AND MENTAL RETARDATION
378	ENTOPIC PREGNANCY	430	PSYCHOSES
379	THREATENED ABORTION	431	CHILDHOOD MENTAL DISORDERS
380	ABORTION W/O D AND G	432	OTHER MENTAL DISORDER DIAGNOSES
382	FALSE LABOR	433	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE
383	OTHER ANTEPARTUM DIAGNOSES W/ MEDICAL COMPLICATIONS	434*	ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOMATIC TREATMENT W/ CC
384	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	435*	ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOMATIC TREATMENT W/O CC
395	RED BLOOD CELL DISORDERS, AGE GREATER THAN 17	436*	ALCOHOL/DRUG DEPENDENCE W/ REHABILITATION THERAPY
396	RED BLOOD CELL DISORDERS, AGE 0-17		
397	COAGULATION DISORDERS		
398	RETICULOENDOTHELIAL AND IMMUNITY DISORDERS W/ CC		

Appendix F: Medical Discharge DRGs

437*	ALCOHOL DRUG DEPENDENCE W/ COMBINED REHABILITATION AND DETOXIFICATION THERAPY	466	AFTERCARE W/O HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS
444	TRAUMATIC INJURY, AGE GREATER THAN 17 W/ CC	467	OTHER FACTORS INFLUENCING HEALTH STATUS
445	TRAUMATIC INJURY, AGE GREATER THAN 17 W/O CC	473	ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE GREATER THAN 17
446	TRAUMATIC INJURY, AGE 0-17	475	RESPIRATORY SYSTEM DIAGNOSIS W/ VENTILATOR SUPPORT
447	ALLERGIC REACTIONS, AGE GREATER THAN 17	487	OTHER MULTIPLE SIGNIFICANT TRAUMA
448	ALLERGIC REACTIONS, AGE 0-17	489	HIV W/ MAJOR RELATED CONDITION
449	POISONING AND TOXIC EFFECTS OF DRUGS, AGE GREATER THAN 17 W/ CC	490	HIV W/ OR W/O OTHER RELATED CONDITION
450	POISONING AND TOXIC EFFECTS OF DRUGS, AGE GREATER THAN 17 W/O CC	492	CHEMOTHERAPY W/ ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
451	POISONING AND TOXIC EFFECTS OF DRUGS, AGE 0-17	505	EXTENSIVE 3RD DEGREE BURNS W/O SKIN GRAFT
452	COMPLICATIONS OF TREATMENT W/ CC	508	FULL THICKNESS BURN W/O SKIN GRFT OR INHAL INJ W CC OR SIG TRAUMA
453	COMPLICATIONS OF TREATMENT W/O CC	509	FULL THICKNESS BURN W/O SKIN GRFT OR INH INJ W/O CC OR SIG TRAUMA
454	OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES W/ CC	510	NON-EXTENSIVE BURNS W CC OR SIGNIFICANT TRAUMA
455	OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES W/O CC	511	NON-EXTENSIVE BURNS W/O CC OR SIGNIFICANT TRAUMA
456*	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	521	ALCOHOL/DRUG ABUSE OR DEPENDENCE W CC
457*	EXTENSIVE BURNS W/O O.R. PROCEDURE	522	ALC/DRUG ABUSE OR DEPEND W REHABILITATION THERAPY W/O CC
460*	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	523	ALC/DRUG ABUSE OR DEPEND W/O REHABILITATION THERAPY W/O CC
462	REHABILITATION	524	TRANSIENT ISCHEMIA
463	SIGNS AND SYMPTOMS W/ CC	559	ACUTE ISCHEMIC STROKE WITH USE OF THROMBOLYTIC AGENT (OCT 05)
464	SIGNS AND SYMPTOMS W/O CC		
465	AFTERCARE W/ HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS		

\* No longer valid in FY2005

## Appendix G: Hemorrhage Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Failure to Rescue (PSI 4)</a> - Page 7	<a href="#">FTR 1 Denominator exclusion</a> - Page 8 <a href="#">FTR 5 Denominator exclusion</a> - Page 11
<a href="#">Postoperative Physiologic and Metabolic Derangement (PSI 10)</a> - Page 27	<a href="#">Denominator exclusion</a> - Page 27

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the hemorrhage diagnosis codes are referenced within the PSI detailed definition.

*ICD-9-CM Hemorrhage diagnosis codes:*

2851 ACUTE POSTHEMORRHAGIC ANEMIA  
 4590 OTHER DISORDERS OF CIRCULATORY SYSTEM, HEMORRHAGE, UNSPECIFIED  
 9582 CERTAIN EARLY COMPLICATIONS OF TRAUMA, SECONDARY AND RECURRENT HEMORRHAGE  
 99811 HEMORRHAGE COMPLICATING A PROCEDURE

## Appendix H: Shock Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Failure to Rescue (PSI 4)</a> - Page 7	<a href="#">FTR 1 Denominator exclusion</a> - Page 11
<a href="#">Postoperative Physiologic and Metabolic Derangement (PSI 10)</a> - Page 27	<a href="#">Denominator exclusion</a> - Page 27

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the shock diagnosis codes are referenced within the PSI detailed definition.

### ICD-9-CM Shock diagnosis codes:

63450 SPONTANEOUS ABORTION W/ SHOCK - UNSPECIFIED  
 63451 SPONTANEOUS ABORTION W/ SHOCK - INCOMPLETE  
 63452 SPONTANEOUS ABORTION W/ SHOCK - COMPLETE  
 63550 LEGAL ABORTION W/ SHOCK - UNSPECIFIED  
 63551 LEGAL ABORTION W/ SHOCK - INCOMPLETE  
 63552 LEGAL ABORTION W/ SHOCK - COMPLETE  
 63650 ILLEGAL ABORTION W/ SHOCK - UNSPECIFIED  
 63651 ILLEGAL ABORTION W/ SHOCK - INCOMPLETE  
 63652 ILLEGAL ABORTION W/ SHOCK - COMPLETE  
 63750 ABORTION NOS W/ SHOCK - UNSPECIFIED  
 63751 ABORTION NOS W/ SHOCK - INCOMPLETE  
 63752 ABORTION NOS W/ SHOCK - COMPLETE  
 6385 ATTEMPTED ABORTION W/ SHOCK  
 6395 COMPLICATIONS FOLLOWING ABORTION AND ECTOPIC AND MOLAR PREGNANCIES, SHOCK  
 66910 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE  
 66911 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, DELIVERED W/ OR W/O MENTION OF ANTEPARTUM CONDITION  
 66912 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, DELIVERED W/ MENTION OF POSTPARTUM COMPLICATION  
 66913 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, ANTEPARTUM CONDITION OR COMPLICATION  
 66914 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, POSTPARTUM CONDITION OR COMPLICATION  
 7855 SHOCK W/O MENTION OF TRAUMA  
 78550 SHOCK, UNSPECIFIED  
 78551 CARDIOGENIC SHOCK  
 78552 SEPTIC SHOCK (OCT 03)  
 78559 SHOCK W/O MENTION OF TRAUMA, OTHER  
 9950 OTHER ANAPHYLACTIC SHOCK  
 9954 SHOCK DUE TO ANESTHESIA  
 9980 POSTOPERATIVE SHOCK  
 9994 ANAPHYLACTIC SHOCK, DUE TO SERUM

## Appendix I: ICD-9-CM Gastrointestinal (GI) Hemorrhage Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Failure to Rescue (PSI 4)</a> - Page 1	<a href="#">FTR 1 Denominator exclusion</a> - Page 8 <a href="#">FTR 5 Denominator exclusion</a> - Page 12
<a href="#">Postoperative Physiologic and Metabolic Derangement (PSI 10)</a> - Page 27	<a href="#">Denominator exclusion</a> - Page 27

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the GI hemorrhage diagnosis codes are referenced within the PSI detailed definition.

### ICD-9-CM Gastrointestinal (GI) Hemorrhage diagnosis codes:

4560	ESOPHAGEAL VARICES W/ BLEEDING	53221	DUODENAL ULCER ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
45620	ESOPHAGEAL VARICES IN DISEASES CLASSIFIED ELSEWHERE W/ BLEEDING	53240	DUODENAL ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
5307	GASTROESOPHAGEAL LACERATION – HEMORRHAGE SYNDROME	53241	DUODENAL ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/ OBSTRUCTION
53082	ESOPHAGEAL HEMORRHAGE	53260	DUODENAL ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53100	GASTRIC ULCER ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION	53261	DUODENAL ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53101	GASTRIC ULCER ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION	53300	PEPTIC ULCER, SITE UNSPECIFIED, ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53120	GASTRIC ULCER ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION	53301	PEPTIC ULCER, SITE UNSPECIFIED, ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
53121	GASTRIC ULCER ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION	53320	PEPTIC ULCER, SITE UNSPECIFIED, ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53140	GASTRIC ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION	53321	PEPTIC ULCER, SITE UNSPECIFIED, ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53141	GASTRIC ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/ OBSTRUCTION	53340	PEPTIC ULCER, SITE UNSPECIFIED, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53160	GASTRIC ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION	53341	PEPTIC ULCER, SITE UNSPECIFIED, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/ OBSTRUCTION
53161	GASTRIC ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION	53360	PEPTIC ULCER, SITE UNSPECIFIED, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53200	DUODENAL ULCER ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION		
53201	DUODENAL ULCER ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION		
53220	DUODENAL ULCER ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION		

Appendix H: Shock Diagnosis Codes

53361	PEPTIC ULCER, SITE UNSPECIFIED, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION	53541	GASTRITIS AND DUODENITIS, OTHER SPECIFIED GASTRITIS – W/ HEMORRHAGE
53400	GASTROJEJUNAL ULCER, ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION	53551	GASTRITIS AND DUODENITIS, UNSPECIFIED GASTRITIS AND GASTRODUODENITIS – W/ HEMORRHAGE
53401	GASTROJEJUNAL ULCER, ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION	53561	GASTRITIS AND DUODENITIS, DUODENITIS – W/ HEMORRHAGE
53420	GASTROJEJUNAL ULCER, ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION	53783	OTHER SPECIFIED DISORDERS OF STOMACH AND DUODENUM, ANGIODYSPLASIA OF STOMACH AND DUODENUM – W/ HEMORRHAGE
53421	GASTROJEJUNAL ULCER, ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION	53784	DIEULAFOY LESION (HEMORRHAGIC) OF STOMACH AND DUODENUM
53440	GASTROJEJUNAL ULCER, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION	56202	DIVERTICULOSIS OF SMALL INTESTINE – W/ HEMORRHAGE
53441	GASTROJEJUNAL ULCER, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/ OBSTRUCTION	56203	DIVERTICULITIS OF SMALL INTESTINE – W/ HEMORRHAGE
53460	GASTROJEJUNAL ULCER, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION	56212	DIVERTICULOSIS OF COLON – W/ HEMORRHAGE
53461	GASTROJEJUNAL ULCER, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION	56213	DIVERTICULITIS OF COLON – W/ HEMORRHAGE
53501	GASTRITIS AND DUODENITIS, ACUTE GASTRITIS W/ HEMORRHAGE	5693	HEMORRHAGE OF RECTUM AND ANUS
53511	GASTRITIS AND DUODENITIS, ATROPHIC GASTRITIS W/ HEMORRHAGE	56985	ANGIODYSPLASIA OF INTESTINE - W/ HEMORRHAGE
53521	GASTRITIS AND DUODENITIS, GASTRIC MUCOSAL HYPERTROPHY, W/ HEMORRHAGE	56986	DIEULAFOY LESION (HEMORRHAGIC) OF INTESTINE
53531	GASTRITIS AND DUODENITIS, ALCOHOLIC GASTRITIS, W/ HEMORRHAGE	5780	GASTROINTESTINAL HEMORRHAGE, HEMATEMESIS
		5781	GASTROINTESTINAL HEMORRHAGE, BLOOD IN STOOL
		5789	GASTROINTESTINAL HEMORRHAGE, HEMORRHAGE OF GASTROINTESTINAL TRACT, UNSPECIFIED

## Appendix J: Trauma DRGs

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Failure to Rescue (PSI 4) - Page 7</a>	<a href="#">FTR 1 Denominator exclusion -</a> <a href="#">FTR 5 Denominator exclusion</a> <a href="#">FTR 6 Denominator exclusion</a>
<a href="#">Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22) - Page 15</a>	<a href="#">Denominator exclusion</a>

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the trauma DRGs are referenced within the PSI detailed definition.

002	CRANIOTOMY FOR TRAUMA, AGE GREATER THAN 17	457*	EXTENSIVE BURNS W/O O.R. PROCEDURE
027	TRAUMATIC STUPOR AND COMA, COMA GREATER THAN ONE HOUR	458*	NON-EXTENSIVE BURNS W SKIN GRAFT
028	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 W/ CC	459*	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC
029	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 W/O CC	460*	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE
030	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE 0-17	484	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA
031	CONCUSSION, AGE GREATER THAN 17 W/ CC	485	LIMB REATTACHMENT, HIP AND FEMUR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
032	CONCUSSION, AGE GREATER THAN 17 W/O CC	486	OTHER OR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
033	CONCUSSION, AGE 0-17	487	OTHER MULTIPLE SIGNIFICANT TRAUMAS
072	NASAL TRAUMA AND DEFORMITY	491	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY
083	MAJOR CHEST TRAUMA W/ CC	504	TOTAL HEPATECTOMY
084	MAJOR CHEST TRAUMA W/O CC	505	EXTENSIVE 3RD DEGREE BURNS W/O SKIN GRAFT
235	FRACTURES OF FEMUR	506	FULL THICKNESS BURN W/ SKIN GRAFT OR INHALATION INJURY W/ CC OR SIGNIFICANT TRAUMA
236	FRACTURE OF HIP AND PELVIS	507	FULL THICKNESS BURN W/ SKIN GRAFT OR INHALATION INJURY W/O CC OR SIGNIFICANT TRAUMA
237	SPRAINS, STRAINS AND DISLOCATIONS OF HIP, PELVIS AND THIGH	508	FULL THICKNESS BURN W/O SKIN GRAFT OR INHALATION INJURY W/ CC OR SIGNIFICANT TRAUMA
440	WOUND DEBRIDEMENTS FOR INJURIES	509	FULL THICKNESS BURN W/O SKIN GRAFT OR INHALATION INJURY W/O CC OR SIGNIFICANT TRAUMA
441	HAND PROCEDURES FOR INJURIES	510	NON-EXTENSIVE BURNS W/ CC OR SIGNIFICANT TRAUMA
442	OTHER OR PROCEDURES FOR INJURIES W/ CC	511	NON-EXTENSIVE BURNS W/O CC OR SIGNIFICANT TRAUMA
443	OTHER OR PROCEDURES FOR INJURIES W/O CC		
444	TRAUMATIC INJURY, AGE GREATER THAN 17 W/ CC		
445	TRAUMATIC INJURY, AGE GREATER THAN 17 W/O CC		
446	TRAUMATIC INJURY, AGE 0-17		
456*	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY		

\* No longer valid in FY 2005

## Appendix K: Pulmonary Embolism/Deep Vein Thrombosis Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Failure to Rescue (PSI 4)</a> - Page 7	<a href="#">FTR 2 Numerator inclusion</a> , unless primary diagnosis - Page 8
<a href="#">Postoperative Pulmonary Embolism or Deep Vein Thrombosis (PSI 12)</a> - Page 30	<a href="#">Numerator inclusion</a> - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the PE/DVT codes are referenced within the PSI detailed definition.

### *ICD-9-CM Pulmonary Embolism diagnosis codes:*

4151 PULMONARY EMBOLISM AND INFARCTION  
 41511 IATROGENIC PULMONARY EMBOLISM AND INFARCTION  
 41519 PULMONARY EMBOLISM AND INFARCTION, OTHER

### *ICD-9-CM Deep Vein Thrombosis diagnosis codes:*

45111 PHLEBITIS AND THROMBOSIS OF FEMORAL VEIN (DEEP) (SUPERFICIAL)  
 45119 PHLEBITIS AND THROMBOPHLEBITIS OF DEEP VESSEL OF LOWER EXTREMITIES – OTHER  
 4512 PHLEBITIS AND THROMBOPHLEBITIS OF LOWER EXTREMITIES UNSPECIFIED  
 45181 PHLEBITIS AND THROMBOPHLEBITIS OF ILIAC VEIN  
 4519 PHLEBITIS AND THROMBOPHLEBITIS OF OTHER SITES - OF UNSPECIFIED SITE  
 45340 DVT-EMBLSM LOWER EXT NOS (OCT 04)  
 45341 DVT-EMB PROX LOWER EXT (OCT 04)  
 45342 DVT-EMB DISTAL LOWER EXT (OCT 04)  
 4538 OTHER VENOUS EMBOLISM AND THROMBOSIS OF OTHER SPECIFIED VEINS  
 4539 OTHER VENOUS EMBOLISM AND THROMBOSIS OF UNSPECIFIED SITE



## Appendix L: Self-Inflicted Injury Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Complications of Anesthesia (PSI 1)</a> - Page 1	<a href="#">Denominator exclusion</a> - Page 1
<a href="#">Postoperative Hip Fracture (PSI 8)</a> - Page 21	<a href="#">Denominator exclusion</a> - Page 22

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the self-inflicted injury diagnosis codes are referenced within the PSI detailed definition.

### ICD-9-CM Self-Inflicted Injury diagnosis codes:

Suicide and self-inflicted poisoning by solid or liquid substance:

- E9500 ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS
- E9501 BARBITURATES
- E9502 OTHER SEDATIVE AND HYPNOTICS
- E9503 TRANQUILIZERS AND OTHER PSYCHOTROPIC AGENTS
- E9504 OTHER SPECIFIED DRUGS AND MEDICINAL SUBSTANCES
- E9505 UNSPECIFIED DRUG OR MEDICINAL SUBSTANCE
- E9506 AGRICULTURAL AND HORTICULTURAL CHEMICAL AND PHARMACEUTICAL PREPARATIONS  
OTHER THAN PLANT FOODS AND FERTILIZERS
- E9507 CORROSIVE AND CAUSTIC SUBSTANCES
- E9508 ARSENIC AND ITS COMPOUNDS
- E9509 OTHER AND UNSPECIFIED SOLID AND LIQUID SUBSTANCES

Suicide and self-inflicted poisoning by gases in domestic use:

- E9510 GAS DISTRIBUTED BY PIPELINE
- E9511 LIQUEFIED PETROLEUM GAS DISTRIBUTED IN MOBILE CONTAINERS
- E9518 OTHER UTILITY GASES

Suicide and self-inflicted poisoning by other gases and vapors:

- E9520 MOTOR VEHICLE EXHAUST GAS
- E9521 OTHER CARBON MONOXIDE
- E9528 OTHER SPECIFIED GASES AND VAPORS
- E9529 UNSPECIFIED GASES AND VAPORS

Suicide and self-inflicted injury by hanging, strangulation, and suffocation:

- E9530 HANGING
- E9531 SUFFOCATION BY PLASTIC BAG
- E9538 OTHER SPECIFIED MEANS
- E954 SUICIDE AND SELF-INFLECTED INJURY BY SUBMERSION [DROWNING]

Suicide and self-inflicted injury by firearms and explosives:

- E9550 HANDGUN
- E9551 SHOTGUN
- E9552 HUNTING RIFLE
- E9553 MILITARY FIREARMS
- E9554 OTHER AND UNSPECIFIED FIREARMS
- E9555 EXPLOSIVES

## Appendix L: Self-Inflicted Injury Diagnosis Codes

E9559 UNSPECIFIED  
E956 SUICIDE AND SELF INFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENT

Suicide and self-inflicted injury by jumping from a high place:

E9570 RESIDENTIAL PREMISES  
E9571 OTHER MAN-MADE STRUCTURES  
E9572 NATURAL SITES  
E9579 UNSPECIFIED

Suicide and self-inflicted injury by other and unspecified means:

E9580 JUMPING OR LYING BEFORE MOVING OBJECT  
E9581 BURNS, FIRE  
E9582 SCALD  
E9583 EXTREMES OF COLD  
E9584 ELECTROCUTION  
E9585 CRASHING OF MOTOR VEHICLE  
E9586 CRASHING OF AIRCRAFT  
E9587 CAUSTIC SUBSTANCES EXCEPT POISONING  
E9588 OTHER SPECIFIED MEANS  
E9589 UNSPECIFIED MEANS

## Appendix M: Acute Myocardial Infarction (AMI) Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Failure to Rescue (PSI 4)</a> - Page 7	<a href="#">FTR 1 Denominator exclusion</a> - Page 8
<a href="#">Postoperative Physiologic and Metabolic Derangement (PSI 10)</a> - Page 27	<a href="#">Denominator exclusion</a> - Page 27

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the AMI diagnosis codes are referenced within the PSI detailed definition.

### *ICD-9-CM Acute Myocardial Infarction diagnosis codes:*

41000 AMI OF ANTEROLATERAL WALL – EPISODE OF CARE UNSPECIFIED  
 41001 AMI OF ANTEROLATERAL WALL – INITIAL EPISODE OF CARE  
 41010 AMI OF OTHER ANTERIOR WALL – EPISODE OF CARE UNSPECIFIED  
 41011 AMI OF OTHER ANTERIOR WALL – INITIAL EPISODE OF CARE  
 41020 AMI OF INFEROLATERAL WALL – EPISODE OF CARE UNSPECIFIED  
 41021 AMI OF INFEROLATERAL WALL – INITIAL EPISODE OF CARE  
 41030 AMI OF INFEROPOSTERIOR WALL – EPISODE OF CARE UNSPECIFIED  
 41031 AMI OF INFEROPOSTERIOR WALL – INITIAL EPISODE OF CARE  
 41040 AMI OF INFERIOR WALL – EPISODE OF CARE UNSPECIFIED  
 41041 AMI OF INFERIOR WALL – INITIAL EPISODE OF CARE  
 41050 AMI OF OTHER LATERAL WALL – EPISODE OF CARE UNSPECIFIED  
 41051 AMI OF OTHER LATERAL WALL – INITIAL EPISODE OF CARE  
 41060 AMI TRUE POSTERIOR WALL INFARCTION – EPISODE OF CARE UNSPECIFIED  
 41061 AMI TRUE POSTERIOR WALL INFARCTION – INITIAL EPISODE OF CARE  
 41070 AMI SUBENDOCARDIAL INFARCTION – EPISODE OF CARE UNSPECIFIED  
 41071 AMI SUBENDOCARDIAL INFARCTION – INITIAL EPISODE OF CARE  
 41080 AMI OF OTHER SPECIFIED SITES – EPISODE OF CARE UNSPECIFIED  
 41081 AMI OF OTHER SPECIFIED SITES – INITIAL EPISODE OF CARE  
 41090 AMI UNSPECIFIED SITE – EPISODE OF CARE UNSPECIFIED  
 41091 AMI UNSPECIFIED SITE – INITIAL EPISODE OF CARE

## Appendix N: Cardiac Arrhythmia Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Failure to Rescue (PSI 4)</a> - Page 7	<a href="#">FTR 1 Denominator exclusion</a> - Page 8
<a href="#">Postoperative Physiologic and Metabolic Derangement (PSI 10)</a> - Page 27	<a href="#">Denominator exclusion</a> - Page 27

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the cardiac arrhythmia diagnosis codes are referenced within the PSI detailed definition.

*ICD-9-CM Cardiac Arrhythmia diagnosis codes:*

4260 ATRIOVENTRICULAR BLOCK, COMPLETE  
 4270 PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA  
 4271 PAROXYSMAL VENTRICULAR TACHYCARDIA  
 4272 PAROXYSMAL TACHYCARDIA, UNSPECIFIED  
 42731 ATRIAL FIBRILLATION  
 42732 ATRIAL FLUTTER  
 42741 VENTRICULAR FIBRILLATION  
 42742 VENTRICULAR FLUTTER  
 4279 CARDIAC DYSRHYTHMIA

## Appendix O: Sepsis Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Postoperative Sepsis (PSI 13)</a> - Page 30	<a href="#">Numerator inclusion</a> - Page 30 <a href="#">Denominator exclusion</a> - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the sepsis diagnosis codes are referenced within the PSI detailed definition.

### ICD-9-CM Sepsis diagnosis codes:

0380 STREPTOCOCCAL SEPTICEMIA  
 0381 STAPHYLOCOCCAL SEPTICEMIA  
 03810 STAPHYLOCOCCAL SEPTICEMIA, UNSPECIFIED  
 03811 STAPHYLOCOCCUS AUREUS SEPTICEMIA  
 03819 OTHER STAPHYLOCOCCAL SEPTICEMIA  
 0382 PNEUMOCOCCAL SEPTICEMIA (STREPTOCOCCUS PNEUMONIAE SEPTICEMIA)  
 0383 SEPTICEMIA DUE TO ANAEROBES  
 78552 SEPTIC SHOCK  
 78559 OTHER SHOCK W/O MENTION OF TRAUMA  
 9980 POSTOPERATIVE SHOCK

### Septicemia due to:

03840 GRAM-NEGATIVE ORGANISM, UNSPECIFIED  
 03841 HEMOPHILUS INFLUENZAE  
 03842 ESCHERICHIA COLI  
 03843 PSEUDOMONAS  
 03844 SERRATIA  
 03849 SEPTICEMIA DUE TO OTHER GRAM-NEGATIVE ORGANISMS  
 0388 OTHER SPECIFIED SEPTICEMIAS  
 0389 UNSPECIFIED SEPTICEMIA  
 99591 SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/O ORGAN DYSFUNCTION  
 99592 SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/ ORGAN DYSFUNCTION

## Appendix P: Infection Diagnosis Codes and DRGs

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Failure to Rescue (PSI 4) - Page 7</a>	<a href="#">FTR 4 Denominator exclusion - Page 10</a>
<a href="#">Postoperative Sepsis (PSI 13) - Page 30</a>	<a href="#">Denominator exclusion - Page 30</a>

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the infection diagnosis codes are referenced within the PSI detailed definition.

### ICD-9-CM Infection diagnosis codes

0010	CHOLERA D/T VIB CHOLERAЕ (OCT 05)	00844	INT INF YRSNIA ENTRCLTCA (OCT 05)
0011	CHOLERA D/T VIB EL TOR (OCT 05)	00845	INT INF CLSTRDIUM DFCILE (OCT 05)
0019	CHOLERA NOS (OCT 05)	00846	INTES INFEC OTH ANEROBES (OCT 05)
0020	TYPHOID FEVER (OCT 05)	00847	INT INF OTH GRM NEG BCTR (OCT 05)
0021	PARATYPHOID FEVER A (OCT 05)	00849	BACTERIAL ENTERITIS NEC (OCT 05)
0022	PARATYPHOID FEVER B (OCT 05)	0085	BACTERIAL ENTERITIS NOS (OCT 05)
0023	PARATYPHOID FEVER C (OCT 05)	0200	BUBONIC PLAGUE (OCT 05)
0029	PARATYPHOID FEVER NOS (OCT 05)	0201	CELLULOCUTANEOUS PLAGUE (OCT 05)
0030	SALMONELLA ENTERITIS (OCT 05)	0202	SEPTICEMIC PLAGUE (OCT 05)
0031	SALMONELLA SEPTICEMIA (OCT 05)	0203	PRIMARY PNEUMONIC PLAGUE (OCT 05)
00320	LOCAL SALMONELLA INF NOS (OCT 05)	0204	SECONDARY PNEUMON PLAGUE (OCT 05)
00321	SALMONELLA MENINGITIS (OCT 05)	0205	PNEUMONIC PLAGUE NOS (OCT 05)
00322	SALMONELLA PNEUMONIA (OCT 05)	0208	OTHER TYPES OF PLAGUE (OCT 05)
00323	SALMONELLA ARTHRITIS (OCT 05)	0209	PLAGUE NOS (OCT 05)
00324	SALMONELLA OSTEOMYELITIS (OCT 05)	0210	ULCEROGLANDUL TULAREMIA (OCT 05)
00329	LOCAL SALMONELLA INF NEC (OCT 05)	0211	ENTERIC TULAREMIA (OCT 05)
0038	SALMONELLA INFECTION NEC (OCT 05)	0212	PULMONARY TULAREMIA (OCT 05)
0039	SALMONELLA INFECTION NOS (OCT 05)	0213	OCULOGLANDULAR TULAREMIA (OCT 05)
0040	SHIGELLA DYSENTERIAE (OCT 05)	0218	TULAREMIA NEC (OCT 05)
0041	SHIGELLA FLEXNERI (OCT 05)	0219	TULAREMIA NOS (OCT 05)
0042	SHIGELLA BOYDII (OCT 05)	0220	CUTANEOUS ANTHRAX (OCT 05)
0043	SHIGELLA SONNEI (OCT 05)	0221	PULMONARY ANTHRAX (OCT 05)
0048	SHIGELLA INFECTION NEC (OCT 05)	0222	GASTROINTESTINAL ANTHRAX (OCT 05)
0049	SHIGELLOSIS NOS (OCT 05)	0223	ANTHRAX SEPTICEMIA (OCT 05)
0050	STAPH FOOD POISONING (OCT 05)	0228	OTHER ANTHRAX MANIFEST (OCT 05)
0051	BOTULISM (OCT 05)	0229	ANTHRAX NOS (OCT 05)
0052	FOOD POIS D/T C. PERFRIN (OCT 05)	0230	BRUCELLA MELITENSIS (OCT 05)
0053	FOOD POIS: CLOSTRID NEC (OCT 05)	0231	BRUCELLA ABORTUS (OCT 05)
0054	FOOD POIS: V. PARAHAEM (OCT 05)	0232	BRUCELLA SUIS (OCT 05)
00581	FOOD POISN D/T V. VULNIF (OCT 05)	0233	BRUCELLA CANIS (OCT 05)
00589	BACT FOOD POISONING NEC (OCT 05)	0238	BRUCellosIS NEC (OCT 05)
0059	FOOD POISONING NOS (OCT 05)	0239	BRUCellosIS NOS (OCT 05)
00800	INTEST INFEC E COLI NOS (OCT 05)	024	GLANDERS (OCT 05)
00801	INT INF E COLI ENTRPATH (OCT 05)	025	MELIOIDOSIS (OCT 05)
00802	INT INF E COLI ENTRTOXGN (OCT 05)	0260	SPIRILLARY FEVER (OCT 05)
00803	INT INF E COLI ENTRNVSV (OCT 05)	0261	STREPTOBACILLARY FEVER (OCT 05)
00804	INT INF E COLI ENTRHMRG (OCT 05)	0269	RAT-BITE FEVER NOS (OCT 05)
00809	INT INF E COLI SPCF NEC (OCT 05)	0270	LISTERIOSIS (OCT 05)
0081	ARIZONA ENTERITIS (OCT 05)	0271	ERYSIPELOTHRUX INFECTION (OCT 05)
0082	AEROBACTER ENTERITIS (OCT 05)	0272	PASTEURELLOSIS (OCT 05)
0083	PROTEUS ENTERITIS (OCT 05)	0278	ZOONOTIC BACT DIS NEC (OCT 05)
00841	STAPHYLOCOCC ENTERITIS (OCT 05)	0279	ZOONOTIC BACT DIS NOS (OCT 05)
00842	PSEUDOMONAS ENTERITIS (OCT 05)	0320	FAUCIAL DIPHTHERIA (OCT 05)
00843	INT INFEC CAMPYLOBACTER (OCT 05)	0321	NASOPHARYNX DIPHTHERIA (OCT 05)

Appendix P: Infection Diagnosis Codes and DRGs

0322	ANT NASAL DIPHTHERIA (OCT 05)	04105	STREPTOCOCCUS GROUP G (OCT 05)
0323	LARYNGEAL DIPHTHERIA (OCT 05)	04109	OTHER STREPTOCOCCUS (OCT 05)
03281	CONJUNCTIVAL DIPHTHERIA (OCT 05)	04110	STAPHYLOCOCCUS UNSPCFIED (OCT 05)
03282	DIPHTHERITIC MYOCARDITIS (OCT 05)	04111	STAPHYLOCOCCUS AUREUS (OCT 05)
03283	DIPHTHERITIC PERITONITIS (OCT 05)	04119	OTHER STAPHYLOCOCCUS (OCT 05)
03284	DIPHTHERITIC CYSTITIS (OCT 05)	0412	PNEUMOCOCCUS INFECT NOS (OCT 05)
03285	CUTANEOUS DIPHTHERIA (OCT 05)	0413	KLEBSIELLA INFECT NOS (OCT 05)
03289	DIPHTHERIA NEC (OCT 05)	0414	E. COLI INFECT NOS (OCT 05)
0329	DIPHTHERIA NOS (OCT 05)	0415	H. INFLUENZAE INFECT NOS (OCT 05)
0330	BORDETELLA PERTUSSIS (OCT 05)	0416	PROTEUS INFECTION NOS (OCT 05)
0331	BORDETELLA PARAPERTUSSIS (OCT 05)	0417	PSEUDOMONAS INFECT NOS (OCT 05)
0338	WHOOPING COUGH NEC (OCT 05)	04182	BACTEROIDES FRAGILIS (OCT 05)
0339	WHOOPING COUGH NOS (OCT 05)	04183	CLOSTRIDIUM PERFRINGENS (OCT 05)
0340	STREP SORE THROAT (OCT 05)	04184	OTHER ANAEROBES (OCT 05)
0341	SCARLET FEVER (OCT 05)	04185	OTH GRAM NEGATV BACTERIA (OCT 05)
035	ERYSIPELAS (OCT 05)	04186	HELICOBACTER PYLORI (OCT 05)
0360	MENINGOCOCCAL MENINGITIS (OCT 05)	04189	OTH SPECF BACTERIA (OCT 05)
0361	MENINGOCOCC ENCEPHALITIS (OCT 05)	0419	BACTERIAL INFECTION NOS (OCT 05)
0362	MENINGOCOCCEMIA (OCT 05)	0980	ACUTE GC INFECT LOWER GU (OCT 05)
0363	MENINGOCOCC ADRENAL SYND (OCT 05)	09810	GC (ACUTE) UPPER GU NOS (OCT 05)
03640	MENINGOCOCC CARDITIS NOS (OCT 05)	09811	GC CYSTITIS (ACUTE) (OCT 05)
03641	MENINGOCOCC PERICARDITIS (OCT 05)	09812	GC PROSTATITIS (ACUTE) (OCT 05)
03642	MENINGOCOCC ENDOCARDITIS (OCT 05)	09813	GC ORCHITIS (ACUTE) (OCT 05)
03643	MENINGOCOCC MYOCARDITIS (OCT 05)	09814	GC SEM VESICULIT (ACUTE) (OCT 05)
03681	MENINGOCOCC OPTIC NEURIT (OCT 05)	09815	GC CERVICITIS (ACUTE) (OCT 05)
03682	MENINGOCOCC ARTHROPATHY (OCT 05)	09816	GC ENDOMETRITIS (ACUTE) (OCT 05)
03689	MENINGOCOCCAL INFECT NEC (OCT 05)	09817	ACUTE GC SALPINGITIS (OCT 05)
0369	MENINGOCOCCAL INFECT NOS (OCT 05)	09819	GC (ACUTE) UPPER GU NEC (OCT 05)
037	TETANUS (OCT 05)	0982	CHR GC INFECT LOWER GU (OCT 05)
0380	STREPTOCOCCAL SEPTICEMIA (OCT 05)	09830	CHR GC UPPER GU NOS (OCT 05)
03810	STAPHYLOCOCC SEPTICEM NOS (OCT 05)	09831	GC CYSTITIS, CHRONIC (OCT 05)
03811	STAPH AUREUS SEPTICEMIA (OCT 05)	09832	GC PROSTATITIS, CHRONIC (OCT 05)
03819	STAPHYLOCOCC SEPTICEM NEC (OCT 05)	09833	GC ORCHITIS, CHRONIC (OCT 05)
0382	PNEUMOCOCCAL SEPTICEMIA (OCT 05)	09834	GC SEM VESICULITIS, CHR (OCT 05)
0383	ANAEROBIC SEPTICEMIA (OCT 05)	09835	GC CERVICITIS, CHRONIC (OCT 05)
03840	GRAM-NEG SEPTICEMIA NOS (OCT 05)	09836	GC ENDOMETRITIS, CHRONIC (OCT 05)
03841	H. INFLUENZAE SEPTICEMIA (OCT 05)	09837	GC SALPINGITIS (CHRONIC) (OCT 05)
03842	E COLI SEPTICEMIA (OCT 05)	09839	CHR GC UPPER GU NEC (OCT 05)
03843	PSEUDOMONAS SEPTICEMIA (OCT 05)	09840	GONOCOCCAL CONJUNCTIVIT (OCT 05)
03844	SERRATIA SEPTICEMIA (OCT 05)	09841	GONOCOCCAL IRIDOCYCLITIS (OCT 05)
03849	GRAM-NEG SEPTICEMIA NEC (OCT 05)	09842	GONOCOCCAL ENDOPHTHALMIA (OCT 05)
0388	SEPTICEMIA NEC (OCT 05)	09843	GONOCOCCAL KERATITIS (OCT 05)
0389	SEPTICEMIA NOS (OCT 05)	09849	GONOCOCCAL EYE NEC (OCT 05)
0390	CUTANEOUS ACTINOMYCOSIS (OCT 05)	09850	GONOCOCCAL ARTHRITIS (OCT 05)
0391	PULMONARY ACTINOMYCOSIS (OCT 05)	09851	GONOCOCCAL SYNOVITIS (OCT 05)
0392	ABDOMINAL ACTINOMYCOSIS (OCT 05)	09852	GONOCOCCAL BURSTITIS (OCT 05)
0393	CERVICOFAC ACTINOMYCOSIS (OCT 05)	09853	GONOCOCCAL SPONDYLITIS (OCT 05)
0394	MADURA FOOT (OCT 05)	09859	GC INFECT JOINT NEC (OCT 05)
0398	ACTINOMYCOSIS NEC (OCT 05)	0986	GONOCOCCAL INFEC PHARYNX (OCT 05)
0399	ACTINOMYCOSIS NOS (OCT 05)	0987	GC INFECT ANUS & RECTUM (OCT 05)
0400	GAS GANGRENE (OCT 05)	09881	GONOCOCCAL KERATOSIS (OCT 05)
0401	RHINOSCLEROMA (OCT 05)	09882	GONOCOCCAL MENINGITIS (OCT 05)
0402	WHIPPLE'S DISEASE (OCT 05)	09883	GONOCOCCAL PERICARDITIS (OCT 05)
0403	NECROBACILLOSIS (OCT 05)	09884	GONOCOCCAL ENDOCARDITIS (OCT 05)
04081	TROPICAL PYOMYOSITIS (OCT 05)	09885	GONOCOCCAL HEART DIS NEC (OCT 05)
04082	TOXIC SHOCK SYNDROME (OCT 05)	09886	GONOCOCCAL PERITONITIS (OCT 05)
04089	BACTERIAL DISEASES NEC (OCT 05)	09889	GONOCOCCAL INF SITE NEC (OCT 05)
04100	STREPTOCOCCUS UNSPECF (OCT 05)	3200	HEMOPHILUS MENINGITIS (OCT 05)
04101	STREPTOCOCCUS GROUP A (OCT 05)	3201	PNEUMOCOCCAL MENINGITIS (OCT 05)
04102	STREPTOCOCCUS GROUP B (OCT 05)	3202	STREPTOCOCCAL MENINGITIS (OCT 05)
04103	STREPTOCOCCUS GROUP C (OCT 05)	3203	STAPHYLOCOCC MENINGITIS (OCT 05)
04104	ENTEROCOCCUS GROUP D (OCT 05)	3207	MENING IN OTH BACT DIS (OCT 05)

Appendix P: Infection Diagnosis Codes and DRGs

32081	ANAEROBIC MENINGITIS (OCT 05)	42099	ACUTE PERICARDITIS NEC (OCT 05)
32082	MNINGITS GRAM-NEG BCT NEC (OCT 05)	4210	AC/SUBAC BACT ENDOCARD (OCT 05)
32089	MENINGITIS OTH SPCF BACT (OCT 05)	4211	AC/SUBAC INFECT ENDOCARD (OCT 05)
3209	BACTERIAL MENINGITIS NOS (OCT 05)	4219	AC/SUBAC ENDOCARDIT NOS (OCT 05)
3229	MENINGITIS NOS (OCT 05)	42292	SEPTIC MYOCARDITIS (OCT 05)
3240	INTRACRANIAL ABSCESS (OCT 05)	4610	AC MAXILLARY SINUSITIS (OCT 05)
3241	INTRASPINAL ABSCESS (OCT 05)	4611	AC FRONTAL SINUSITIS (OCT 05)
3249	CNS ABSCESS NOS (OCT 05)	4612	AC ETHMOIDAL SINUSITIS (OCT 05)
36000	PURULENT ENDOPHTHALM NOS (OCT 05)	4613	AC SPHENOIDAL SINUSITIS (OCT 05)
36001	ACUTE ENDOPHTHALMITIS (OCT 05)	4618	OTHER ACUTE SINUSITIS (OCT 05)
36002	PANOPHTHALMITIS (OCT 05)	4619	ACUTE SINUSITIS NOS (OCT 05)
36004	VITREOUS ABSCESS (OCT 05)	462	ACUTE PHARYNGITIS (OCT 05)
37055	CORNEAL ABSCESS (OCT 05)	463	ACUTE TONSILLITIS (OCT 05)
37200	ACUTE CONJUNCTIVITIS NOS (OCT 05)	46430	AC EPIGLOTTITIS NO OBSTR (OCT 05)
37203	MUCOPUR CONJUNCTIVIT NEC (OCT 05)	46431	AC EPIGLOTTITIS W OBSTR (OCT 05)
37204	PSEUDOMEMB CONJUNCTIVIT (OCT 05)	4660	ACUTE BRONCHITIS (OCT 05)
37220	BLEPHAROCONJUNCTIVIT NOS (OCT 05)	475	PERITONSILLAR ABSCESS (OCT 05)
37221	ANGULAR BLEPHAROCONJUNCT (OCT 05)	47822	PARAPHARYNGEAL ABSCESS (OCT 05)
37230	CONJUNCTIVITIS NOS (OCT 05)	47824	RETROPHARYNGEAL ABSCESS (OCT 05)
37300	BLEPHARITIS NOS (OCT 05)	481	PNEUMOCOCCAL PNEUMONIA (OCT 05)
37301	ULCERATIVE BLEPHARITIS (OCT 05)	4820	K. PNEUMONIAE PNEUMONIA (OCT 05)
37311	HORDEOLUM EXTERNUM (OCT 05)	4821	PSEUDOMONAL PNEUMONIA (OCT 05)
37312	HORDEOLUM INTERNUM (OCT 05)	4822	H.INFLUENZAE PNEUMONIA (OCT 05)
37313	ABSCESS OF EYELID (OCT 05)	48230	STREPTOCOCCAL PNEUMN NOS (OCT 05)
37500	DACRYOADENITIS NOS (OCT 05)	48231	PNEUMONIA STRPTOCOCCUS A (OCT 05)
37501	ACUTE DACRYOADENITIS (OCT 05)	48232	PNEUMONIA STRPTOCOCCUS B (OCT 05)
37530	DACRYOCYSTITIS NOS (OCT 05)	48239	PNEUMONIA OTH STREP (OCT 05)
37531	ACUTE CANALICULITIS (OCT 05)	48240	STAPHYLOCOCCAL PNEU NOS (OCT 05)
37532	ACUTE DACRYOCYSTITIS (OCT 05)	48241	STAPH AUREUS PNEUMONIA (OCT 05)
37600	ACUTE INFLAM NOS, ORBIT (OCT 05)	48249	STAPH PNEUMONIA NEC (OCT 05)
37601	ORBITAL CELLULITIS (OCT 05)	48281	PNEUMONIA ANAEROBES (OCT 05)
37602	ORBITAL PERIOSTITIS (OCT 05)	48282	PNEUMONIA E COLI (OCT 05)
37603	ORBITAL OSTEOMYELITIS (OCT 05)	48283	PNEUMO OTH GRM-NEG BACT (OCT 05)
37604	TENONITIS (OCT 05)	48284	LEGIONNAIRES' DISEASE (OCT 05)
38010	INFEC OTITIS EXTERNA NOS (OCT 05)	48289	PNEUMONIA OTH SPCF BACT (OCT 05)
38011	ACUTE INFECTION OF PINNA (OCT 05)	4829	BACTERIAL PNEUMONIA NOS (OCT 05)
38012	ACUTE SWIMMERS' EAR (OCT 05)	4843	PNEUMONIA IN WHOOPING COUGH (OCT 05)
38013	AC INFECT EXTERN EAR NEC (OCT 05)	4845	PNEUMONIA IN ANTHRAX (OCT 05)
38014	MALIGNANT OTITIS EXTERNA (OCT 05)	4848	PNEUMONIA IN OTHER INF DIS (OCT 05)
38150	EUSTACHIAN SALPING NOS (OCT 05)	485	BRONCHOPNEUMONIA ORG NOS (OCT 05)
38151	AC EUSTACHIAN SALPING (OCT 05)	486	PNEUMONIA, ORGANISM NOS (OCT 05)
38200	AC SUPP OTITIS MEDIA NOS (OCT 05)	490	BRONCHITIS NOS (OCT 05)
38201	AC SUPP OM W DRUM RUPT (OCT 05)	49122	OBS CHR BRONC W AC BRONC (OCT 05)
38202	AC SUPP OM IN OTH DIS (OCT 05)	4941	BRONCHIECTASIS W AC EXAC (OCT 05)
3821	CHR TUBOTYMP SUPP OTITIS MEDIA (OCT 05)	5100	EMPHYEMA WITH FISTULA (OCT 05)
3822	CHR ATTICOANTRAL SUPP OTITIS MEDIA (OCT 05)	5109	EMPHYEMA W/O FISTULA (OCT 05)
3823	CHR SUPP OTITIS MEDIA NOS (OCT 05)	5111	BACT PLEUR/EFFUS NOT TB (OCT 05)
3824	SUPPUR OTITIS MEDIA NOS (OCT 05)	5130	ABSCESS OF LUNG (OCT 05)
3829	OTITIS MEDIA NOS (OCT 05)	5131	ABSCESS OF MEDIASTINUM (OCT 05)
38300	AC MASTOIDITIS W/O COMPL (OCT 05)	51901	TRACHEOSTOMY INFECTION (OCT 05)
38301	SUBPERI MASTOID ABSCESS (OCT 05)	5192	MEDIASTINITIS (OCT 05)
38302	AC MASTOIDITIS-COMPL NEC (OCT 05)	5220	PULPITIS (OCT 05)
38320	PETROSITIS NOS (OCT 05)	5225	PERIAPICAL ABSCESS (OCT 05)
38321	ACUTE PETROSITIS (OCT 05)	5227	PERIAPICAL ABSC W SINUS (OCT 05)
38400	ACUTE MYRINGITIS NOS (OCT 05)	5230	ACUTE GINGIVITIS (OCT 05)
38630	LABYRINTHITIS NOS (OCT 05)	5233	ACUTE PERIODONTITIS (OCT 05)
38631	SEROUS LABYRINTHITIS (OCT 05)	5264	INFLAMMATION OF JAW (OCT 05)
38632	CIRCUMSCRI LABYRINTHITIS (OCT 05)	5273	SALIVARY GLAND ABSCESS (OCT 05)
38633	SUPPURATIV LABYRINTHITIS (OCT 05)	5283	CELLULITIS/ABSCESS MOUTH (OCT 05)
4200	AC PERICARDIT IN OTH DIS (OCT 05)	53641	GASTROSTOMY INFECTION (OCT 05)
42090	ACUTE PERICARDITIS NOS (OCT 05)	5400	AC APPEND W PERITONITIS
		5401	ABSCESS OF APPENDIX



Appendix P: Infection Diagnosis Codes and DRGs

5409	ACUTE APPENDICITIS NOS	6019	PROSTATITIS NOS (OCT 05)
541	APPENDICITIS NOS	6031	INFECTED HYDROCELE (OCT 05)
542	OTHER APPENDICITIS	6040	ORCHITIS WITH ABSCESS (OCT 05)
56201	DVRTCLI SML INT W/O HMRG	60490	ORCHITIS/EPIDIDYMIT NOS (OCT 05)
56203	DVRTCLI SML INT W HMRHG	60491	ORCHITIS IN OTH DISEASE (OCT 05)
56211	DVRTCLI COLON W/O HMRHG	6071	BALANOPOSTHITIS (OCT 05)
56213	DVRTCLI COLON W HMRHG	6072	INFLAM DIS, PENIS NEC (OCT 05)
566	ANAL & RECTAL ABSCESS	6080	SEMINAL VESICULITIS (OCT 05)
5670	PERITONITIS IN INFEC DIS	6084	MALE GEN INFLAM DIS NEC (OCT 05)
5671	PNEUMOCOCCAL PERITONITIS	6110	INFLAM DISEASE OF BREAST (OCT 05)
5672	SUPPURAT PERITONITIS NEC	6140	AC SALPINGO-OOPHORITIS (OCT 05)
56721	PERITONITIS (ACUTE) GEN (OCT 05)	6141	CHRON SALPINGITIS OOPHORITIS (OCT 05)
56722	PERITONEAL ABSCESS (OCT 05)	6142	SALPINGO-OOPHORITIS NOS (OCT 05)
56723	SPONTAN BACT PERITONITIS (OCT 05)	6143	ACUTE PARAMETRITIS (OCT 05)
56729	SUPPURAT PERITONITIS NEC (OCT 05)	6144	CHRON OR UNSP CELLULITIS (OCT 05)
56731	PSOAS MUSCLE ABSCESS (OCT 05)	6145	AC PELV PERITONITIS-FEM (OCT 05)
56738	RETROPERITON ABSCESS NEC (OCT 05)	6149	PID NOS (OCT 05)
56739	RETROPERITON INFECT NEC (OCT 05)	6150	AC UTERINE INFLAMMATION (OCT 05)
56781	CHOLEPERITONITIS (OCT 05)	6159	UTERINE INFLAM DIS NOS (OCT 05)
56782	SCLEROSING MESENTERITIS (OCT 05)	6160	CERVICITIS (OCT 05)
56789	PERITONITIS NEC (OCT 05)	61610	VAGINITIS NOS (OCT 05)
5679	PERITONITIS NOS	6163	BARTHOLIN'S GLND ABSCESS (OCT 05)
5695	INTESTINAL ABSCESS	6164	ABSCESS OF VULVA NEC (OCT 05)
56961	COLOSTY/ENTEROST INFECTN	63400	SPON ABOR W PEL INF-UNSP (OCT 05)
5720	ABSCESS OF LIVER	63401	SPON ABOR W PELV INF-INC (OCT 05)
5721	PORTAL PYEMIA	63402	SPON ABOR W PEL INF-COMP (OCT 05)
57400	CHOLELITH W AC CHOLECYST	63500	LEG ABOR W PELV INF-UNSP (OCT 05)
57401	CHOLELITH/AC GB INF-OBST	63501	LEG ABOR W PELV INF-INC (OCT 05)
57430	CHOLEDOCHOLITH/AC GB INF	63502	LEG ABOR W PELV INF-COMP (OCT 05)
57431	CHOLEDOCHLITH/AC GB-OBST	63600	ILLEG AB W PELV INF-UNSP (OCT 05)
57460	GALL&BIL CAL W/AC W/O OB	63601	ILLEG AB W PELV INF-INC (OCT 05)
57461	GALL&BIL CAL W/AC W OBS	63602	ILLEG AB W PELV INF-COMP (OCT 05)
57480	GAL&BIL CAL W/AC&CHR W/O	63700	ABORT NOS W PEL INF-UNSP (OCT 05)
57481	GAL&BIL CAL W/AC&CH W OB	63701	ABORT NOS W PEL INF-INC (OCT 05)
5750	ACUTE CHOLECYSTITIS	63702	ABORT NOS W PEL INF-COMP (OCT 05)
57510	CHOLECYSTITIS UNSPEC (OCT 05)	6380	ATTEM ABORT W PELVIC INF (OCT 05)
57512	AC&CHRON CHOLECYSTITIS (OCT 05)	6390	POSTABORTION GU INFECT (OCT 05)
5754	PERFORATION GALLBLADDER	64650	BACTERIURIA PREG-UNSPEC (OCT 05)
5761	CHOLANGITIS	64651	ASYM BACTERIURIA-DELIVER (OCT 05)
5763	PERFORATION OF BILE DUCT	64652	ASY BACTERIURIA-DEL W P/P (OCT 05)
5770	ACUTE PANCREATITIS (OCT 05)	64653	ASY BACTERIURIA-ANTEPART (OCT 05)
59010	AC PYELONEPHRITIS NOS (OCT 05)	64654	ASY BACTERIURIA-POSTPART (OCT 05)
59011	AC PYELONEPHR W MED NECR (OCT 05)	64660	GU INFECT IN PREG-UNSPEC (OCT 05)
5902	RENAL/PERIRENAL ABSCESS (OCT 05)	64661	GU INFECTION-DELIVERED (OCT 05)
5903	PYELOURETERITIS CYSTICA (OCT 05)	64662	GU INFECTION-DELIV W P/P (OCT 05)
59080	PYELONEPHRITIS NOS (OCT 05)	64663	GU INFECTION-ANTEPARTUM (OCT 05)
59081	PYELONEPHRIT IN OTH DIS (OCT 05)	64664	GU INFECTION-POSTPARTUM (OCT 05)
5909	INFECTION OF KIDNEY NOS (OCT 05)	64710	GONORRHEA IN PREG-UNSPEC (OCT 05)
5950	ACUTE CYSTITIS (OCT 05)	64711	GONORRHEA-DELIVERED (OCT 05)
5954	CYSTITIS IN OTH DIS (OCT 05)	64712	GONORRHEA-DELIVER W P/P (OCT 05)
59581	CYSTITIS CYSTICA (OCT 05)	64713	GONORRHEA-ANTEPARTUM (OCT 05)
59589	CYSTITIS NEC (OCT 05)	64714	GONORRHEA-POSTPARTUM (OCT 05)
5959	CYSTITIS NOS (OCT 05)	64780	INF DIS IN PREG NEC-UNSP (OCT 05)
5970	URETHRAL ABSCESS (OCT 05)	64781	INFECT DIS NEC-DELIVERED (OCT 05)
59800	URETHR STRICT:INFECT NOS (OCT 05)	64782	INFECT DIS NEC-DEL W P/P (OCT 05)
59801	URETH STRICT:OTH INFECT (OCT 05)	64783	INFECT DIS NEC-ANTEPART (OCT 05)
5990	URIN TRACT INFECTION NOS (OCT 05)	64784	INFECT DIS NEC-POSTPART (OCT 05)
6010	ACUTE PROSTATITIS (OCT 05)	64790	INFECT IN PREG NOS-UNSP (OCT 05)
6012	ABSCESS OF PROSTATE (OCT 05)	64791	INFECT NOS-DELIVERED (OCT 05)
6013	PROSTATOCYSTITIS (OCT 05)	64792	INFECT NOS-DELIVER W P/P (OCT 05)
6014	PROSTATITIS IN OTH DIS (OCT 05)	64793	INFECT NOS-ANTEPARTUM (OCT 05)
6018	PROSTATITIS (OCT 05)	64794	INFECT NOS-POSTPARTUM (OCT 05)

Appendix P: Infection Diagnosis Codes and DRGs

65840	AMNIOTIC INFECTION-UNSP (OCT 05)	70702	DECUBITUS ULCER,UP BACK (OCT 05)
65841	AMNIOTIC INFECTION-DELIV (OCT 05)	70703	DECUBITUS ULCER,LOW BACK (OCT 05)
65843	AMNIOTIC INFECT-ANTEPART (OCT 05)	70704	DECUBITUS ULCER,HIP (OCT 05)
67000	MAJOR PUERP INFECT-UNSP (OCT 05)	70705	DECUBITUS ULCER,BUTTOCK (OCT 05)
67002	MAJOR PUERP INF-DEL P/P (OCT 05)	70706	DECUBITUS ULCER,ANKLE (OCT 05)
67004	MAJOR PUERP INF-POSTPART (OCT 05)	70707	DECUBITUS ULCER,HEEL (OCT 05)
67500	INFECT NIPPLE PREG-UNSP (OCT 05)	70709	DECUBITUS ULCER,SITE NEC (OCT 05)
67501	INFECT NIPPLE-DELIVERED (OCT 05)	71100	PYOGEN ARTHRITIS-UNSPEC (OCT 05)
67502	INFECT NIPPLE-DEL W P/P (OCT 05)	71101	PYOGEN ARTHRITIS-SHLDER (OCT 05)
67503	INFECT NIPPLE-ANTEPARTUM (OCT 05)	71102	PYOGEN ARTHRITIS-UP/ARM (OCT 05)
67504	INFECT NIPPLE-POSTPARTUM (OCT 05)	71103	PYOGEN ARTHRITIS-FOREARM (OCT 05)
67510	BREAST ABSCESS PREG-UNSP (OCT 05)	71104	PYOGEN ARTHRITIS-HAND (OCT 05)
67511	BREAST ABSCESS-DELIVERED (OCT 05)	71105	PYOGEN ARTHRITIS-PELVIS (OCT 05)
67512	BREAST ABSCESS-DEL W P/P (OCT 05)	71106	PYOGEN ARTHRITIS-L/LEG (OCT 05)
67513	BREAST ABSCESS-ANTEPART (OCT 05)	71107	PYOGEN ARTHRITIS-ANKLE (OCT 05)
67514	BREAST ABSCESS-POSTPART (OCT 05)	71108	PYOGEN ARTHRITIS NEC (OCT 05)
67580	BREAST INF PREG NEC-UNSP (OCT 05)	71109	PYOGEN ARTHRITIS-MULT (OCT 05)
67581	BREAST INFECT NEC-DELIV (OCT 05)	71190	INF ARTHRITIS NOS-UNSPEC (OCT 05)
67582	BREAST INF NEC-DEL W P/P (OCT 05)	71191	INF ARTHRITIS NOS-SHLDER (OCT 05)
67583	BREAST INF NEC-ANTEPART (OCT 05)	71192	INF ARTHRITIS NOS-UP/ARM (OCT 05)
67584	BREAST INF NEC-POSTPART (OCT 05)	71193	INF ARTHRIT NOS-FOREARM (OCT 05)
67590	BREAST INF PREG NOS-UNSP (OCT 05)	71194	INF ARTHRIT NOS-HAND (OCT 05)
67591	BREAST INFECT NOS-DELIV (OCT 05)	71195	INF ARTHRIT NOS-PELVIS (OCT 05)
67592	BREAST INF NOS-DEL W P/P (OCT 05)	71196	INF ARTHRIT NOS-L/LEG (OCT 05)
67593	BREAST INF NOS-ANTEPART (OCT 05)	71197	INF ARTHRIT NOS-ANKLE (OCT 05)
67594	BREAST INF NOS-POSTPART (OCT 05)	71198	INF ARTHRIT NOS-OTH SITE (OCT 05)
6800	CARBUNCLE OF FACE (OCT 05)	71199	INF ARTHRITIS NOS-MULT (OCT 05)
6801	CARBUNCLE OF NECK (OCT 05)	7280	INFECTIVE MYOSITIS (OCT 05)
6802	CARBUNCLE OF TRUNK (OCT 05)	72886	NECROTIZING FASCIITIS (OCT 05)
6803	CARBUNCLE OF ARM (OCT 05)	73000	AC OSTEOMYELITIS-UNSPEC (OCT 05)
6804	CARBUNCLE OF HAND (OCT 05)	73001	AC OSTEOMYELITIS-SHLDER (OCT 05)
6805	CARBUNCLE OF BUTTOCK (OCT 05)	73002	AC OSTEOMYELITIS-UP/ARM (OCT 05)
6806	CARBUNCLE OF LEG (OCT 05)	73003	AC OSTEOMYELITIS-FOREARM (OCT 05)
6807	CARBUNCLE OF FOOT (OCT 05)	73004	AC OSTEOMYELITIS-HAND (OCT 05)
6808	CARBUNCLE, SITE NEC (OCT 05)	73005	AC OSTEOMYELITIS-PELVIS (OCT 05)
6809	CARBUNCLE NOS (OCT 05)	73006	AC OSTEOMYELITIS-L/LEG (OCT 05)
68100	CELLULITIS, FINGER NOS (OCT 05)	73007	AC OSTEOMYELITIS-ANKLE (OCT 05)
68101	FELON (OCT 05)	73008	AC OSTEOMYELITIS NEC (OCT 05)
68102	ONYCHIA OF FINGER (OCT 05)	73009	AC OSTEOMYELITIS-MULT (OCT 05)
68110	CELLULITIS, TOE NOS (OCT 05)	73010	CHR OSTEOMYELITIS-UNSP (OCT 05)
68111	ONYCHIA OF TOE (OCT 05)	73011	CHR OSTEOMYELIT-SHLDER (OCT 05)
6819	CELLULITIS OF DIGIT NOS (OCT 05)	73012	CHR OSTEOMYELIT-UP/ARM (OCT 05)
6820	CELLULITIS OF FACE (OCT 05)	73013	CHR OSTEOMYELIT-FOREARM (OCT 05)
6821	CELLULITIS OF NECK (OCT 05)	73014	CHR OSTEOMYELIT-HAND (OCT 05)
6822	CELLULITIS OF TRUNK (OCT 05)	73015	CHR OSTEOMYELIT-PELVIS (OCT 05)
6823	CELLULITIS OF ARM (OCT 05)	73016	CHR OSTEOMYELIT-L/LEG (OCT 05)
6824	CELLULITIS OF HAND (OCT 05)	73017	CHR OSTEOMYELIT-ANKLE (OCT 05)
6825	CELLULITIS OF BUTTOCK (OCT 05)	73018	CHR OSTEOMYELIT NEC (OCT 05)
6826	CELLULITIS OF LEG (OCT 05)	73019	CHR OSTEOMYELIT-MULT (OCT 05)
6827	CELLULITIS OF FOOT (OCT 05)	73020	OSTEOMYELITIS NOS-UNSPEC (OCT 05)
6828	CELLULITIS, SITE NEC (OCT 05)	73021	OSTEOMYELITIS NOS-SHLDER (OCT 05)
6829	CELLULITIS, SITE NOS (OCT 05)	73022	OSTEOMYELITIS NOS-UP/ARM (OCT 05)
683	ACUTE LYMPHADENITIS (OCT 05)	73023	OSTEOMYELIT NOS-FOREARM (OCT 05)
684	IMPETIGO (OCT 05)	73024	OSTEOMYELITIS NOS-HAND (OCT 05)
68600	PYODERMA NOS (OCT 05)	73025	OSTEOMYELITIS NOS-PELVIS (OCT 05)
68601	PYODERMA GANGRENOSUM (OCT 05)	73026	OSTEOMYELITIS NOS-L/LEG (OCT 05)
68609	PYODERMA OTHER (OCT 05)	73027	OSTEOMYELITIS NOS-ANKLE (OCT 05)
6868	LOCAL SKIN INFECTION NEC (OCT 05)	73028	OSTEOMYELIT NOS-OTH SITE (OCT 05)
6869	LOCAL SKIN INFECTION NOS (OCT 05)	73029	OSTEOMYELITIS NOS-MULT (OCT 05)
69581	RITTER'S DISEASE (OCT 05)	73030	PERIOSTITIS-UNSPEC (OCT 05)
70700	DECUBITUS ULCER SITE NOS (OCT 05)	73031	PERIOSTITIS-SHLDER (OCT 05)
70701	DECUBITUS ULCER,ELBOW (OCT 05)	73032	PERIOSTITIS-UP/ARM (OCT 05)

Appendix P: Infection Diagnosis Codes and DRGs

73033	PERIOSTITIS-FOREARM (OCT 05)	9133	BLISTER FOREARM-INFECTED (OCT 05)
73034	PERIOSTITIS-HAND (OCT 05)	9135	INSECT BITE FOREARM-INF (OCT 05)
73035	PERIOSTITIS-PELVIS (OCT 05)	9137	FOREIGN BODY FOREARM-INF (OCT 05)
73036	PERIOSTITIS-L/LEG (OCT 05)	9139	SUPRF INJ FORARM NEC-INF (OCT 05)
73037	PERIOSTITIS-ANKLE (OCT 05)	9141	ABRASION HAND-INFECTED (OCT 05)
73038	PERIOSTITIS NEC (OCT 05)	9143	BLISTER HAND-INFECTED (OCT 05)
73039	PERIOSTITIS-MULT (OCT 05)	9145	INSECT BITE HAND-INFECT (OCT 05)
73080	BONE INFECT NEC-UNSPEC (OCT 05)	9147	FOREIGN BODY HAND-INFECT (OCT 05)
73081	BONE INFECT NEC-SHLDER (OCT 05)	9149	SUPERF INJ HAND NEC-INF (OCT 05)
73082	BONE INFECT NEC-UP/ARM (OCT 05)	9151	ABRASION FINGER-INFECTED (OCT 05)
73083	BONE INFECT NEC-FOREARM (OCT 05)	9153	BLISTER FINGER-INFECTED (OCT 05)
73084	BONE INFECT NEC-HAND (OCT 05)	9155	INSECT BITE FINGER-INFEC (OCT 05)
73085	BONE INFECT NEC-PELVIS (OCT 05)	9157	FOREIGN BODY FINGER-INF (OCT 05)
73086	BONE INFECT NEC-L/LEG (OCT 05)	9159	SUPRF INJ FINGER NEC-INF (OCT 05)
73087	BONE INFECT NEC-ANKLE (OCT 05)	9161	ABRASION HIP/LEG-INFECT (OCT 05)
73088	BONE INFECT NEC-OTH SITE (OCT 05)	9163	BLISTER HIP & LEG-INFECT (OCT 05)
73089	BONE INFECT NEC-MULT (OCT 05)	9165	INSECT BITE HIP/LEG-INF (OCT 05)
73090	BONE INFEC NOS-UNSP SITE (OCT 05)	9167	FOREIGN BDY HIP/LEG-INF (OCT 05)
73091	BONE INFECT NOS-SHLDER (OCT 05)	9169	SUPERF INJ LEG NEC-INFEC (OCT 05)
73092	BONE INFECT NOS-UP/ARM (OCT 05)	9171	ABRASION FOOT/TOE-INFEC (OCT 05)
73093	BONE INFECT NOS-FOREARM (OCT 05)	9173	BLISTER FOOT & TOE-INFEC (OCT 05)
73094	BONE INFECT NOS-HAND (OCT 05)	9175	INSECT BITE FOOT/TOE-INF (OCT 05)
73095	BONE INFECT NOS-PELVIS (OCT 05)	9177	FOREIGN BDY FOOT/TOE-INF (OCT 05)
73096	BONE INFECT NOS-L/LEG (OCT 05)	9179	SUPERF INJ FOOT NEC-INF (OCT 05)
73097	BONE INFECT NOS-ANKLE (OCT 05)	9191	ABRASION NEC-INFECTED (OCT 05)
73098	BONE INFECT NOS-OTH SITE (OCT 05)	9193	BLISTER NEC-INFECTED (OCT 05)
73099	BONE INFECT NOS-MULT (OCT 05)	9195	INSECT BITE NEC-INFECTED (OCT 05)
7713	TETANUS NEONATORUM (OCT 05)	9197	SUPERFICIAL FB NEC-INFEC (OCT 05)
7714	OMPHALITIS OF NEWBORN (OCT 05)	9199	SUPERFIC INJ NEC-INFECT (OCT 05)
7715	NEONATAL INFEC MASTITIS (OCT 05)	99590	SIRS, NOS (OCT 05)
77181	NB SEPTICEMIA SEPSIS (OCT 05)	99591	SIRS-INFECT W/O ORG DYSF (OCT 05)
77182	NB URINARY TRACT INFECTN (OCT 05)	99592	SIRS-INFECT W ORGAN DYSF (OCT 05)
77183	BACTEREMIA OF NEWBORN (OCT 05)	99660	INFECT INFLAMM DEVICE IMPLANT GRAFT NOS (OCT 05)
77189	PERINATAL INFECTION NEC (OCT 05)	99661	INFECT INFLAMM CARDIAC DEVICE IMPLANT GRAFT (OCT 05)
7775	NECROT ENTEROCOLITIS NB (OCT 05)	99662	INFECT INFLAMM VASCULAR DEVICE IMPLANT GRAFT (OCT 05)
7854	GANGRENE (OCT 05)	99663	INFECT INFLAMM NERV DEVICE IMPLANT GRAFT (OCT 05)
78552	SEPTIC SHOCK (OCT 05)	99664	INFECT INFLAMM URINARY CATH (OCT 05)
7907	BACTEREMIA (OCT 05)	99665	INFECT INFLAMM GU DEVICE IMPLANT GRAFT (OCT 05)
9101	ABRASION HEAD-INFECTED (OCT 05)	99666	INFECT INFLAMM JOINT PROSTH (OCT 05)
9103	BLISTER HEAD-INFECTED (OCT 05)	99667	INFECT INFLAMM OTH ORTHOP DEVICE IMPLANT GRAFT NOS (OCT 05)
9105	INSECT BITE HEAD-INFECT (OCT 05)	99669	INFECT INFLAMM OTH DEVICE IMPLANT GRAFT (OCT 05)
9107	FOREIGN BODY HEAD-INFECT (OCT 05)	99762	INFECTION AMPUTAT STUMP (OCT 05)
9109	SUPERF INJ HEAD NEC-INF (OCT 05)	99851	INFECTED POSTOP SEROMA (OCT 05)
9111	ABRASION TRUNK-INFECTED (OCT 05)	99859	OTHER POSTOP INFECTION (OCT 05)
9113	BLISTER TRUNK-INFECTED (OCT 05)	9993	INFEC COMPL MED CARE NEC (OCT 05)
9115	INSECT BITE TRUNK-INFEC (OCT 05)		
9117	FOREIGN BODY TRUNK-INFEC (OCT 05)		
9119	SUPERF INJ TRNK NEC-INF (OCT 05)		
9121	ABRASION SHLDR/ARM-INFEC (OCT 05)		
9123	BLISTER SHOULDER/ARM-INF (OCT 05)		
9125	INSECT BITE SHLD/ARM-INF (OCT 05)		
9127	FB SHOULDER/ARM-INFECT (OCT 05)		
9129	SUPERF INJ SHLDR NEC-INF (OCT 05)		
9131	ABRASION FOREARM-INFECT (OCT 05)		

## Appendix P: Infection Diagnosis Codes and DRGs

### *Infection DRGs:*

020 NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS  
068 OTITIS MEDIA AND URI, AGE GREATER THAN 17 W/ CC  
069 OTITIS MEDIA AND URI, AGE GREATER THAN 17 W/O CC  
070 OTITIS MEDIA AND URI, AGE LESS THAN OR EQUAL TO 17  
079 RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 W/ CC  
080 RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 W/O CC  
081 RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE 0-17  
089 SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 W/ CC  
090 SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 W/O CC  
091 SIMPLE PNEUMONIA AND PLEURISY, AGE LESS THAN OR EQUAL TO 17  
126 ACUTE AND SUBACUTE ENDOCARDITIS  
238 OSTEOMYELITIS  
242 SEPTIC ARTHRITIS  
277 CELLULITIS, AGE GREATER THAN 17 W/ CC  
278 CELLULITIS, AGE GREATER THAN 17 W/O CC  
279 CELLULITIS, AGE 0-17  
320 KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 W/ CC  
321 KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 W/O CC  
322 KIDNEY AND URINARY TRACT INFECTIONS, AGE 0-17  
368 INFECTIONS OF FEMALE REPRODUCTIVE SYSTEM  
415 OR PROCEDURE FOR INFECTIOUS AND PARASITIC DISEASES  
416 SEPTICEMIA, AGE GREATER THAN 17  
417 SEPTICEMIA, AGE 0-17  
423 OTHER INFECTIOUS AND PARASITIC DISEASES DIAGNOSES

## Appendix Q: Cancer DRGs

These codes are used by the following PSIs:

PSI	How Used
<a href="#">Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23) - Page 21</a>	<a href="#">Denominator exclusion</a> - Page 21
<a href="#">Postoperative Sepsis (PSI 13) - Page 30</a>	<a href="#">Denominator exclusion</a> - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the cancer DRGs are referenced within the PSI detailed definition.

010	NERVOUS SYSTEM NEOPLASMS W/ CC	363	D AND C, CONIZATION AND RADIOIMPLANT FOR MALIGNANCY
011	NERVOUS SYSTEM NEOPLASMS W/O CC		
064	EAR, NOSE, MOUTH AND THROAT MALIGNANCY	367	MALIGNANCY OF FEMALE REPRODUCTIVE SYSTEM W/O CC
082	RESPIRATORY NEOPLASMS	400*	LYMPHOMA AND LEUKEMIA W/ MAJOR OR PROCEDURES
172	DIGESTIVE MALIGNANCY W/ CC		
173	DIGESTIVE MALIGNANCY W/O CC	401	LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/ CC
199	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY	402	LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/O CC
203	MALIGNANCY OF HEPATOBIILIARY SYSTEM OR PANCREAS	403	LYMPHOMA AND NONACUTE LEUKEMIA W/ CC
239	PATHOLOGICAL FRACTURES AND MUSCULOSKELETAL AND CONNECTIVE TISSUE MALIGNANCY	404	LYMPHOMA AND NONACUTE LEUKEMIA W/O CC
257	TOTAL MASTECTOMY FOR MALIGNANCY W/ CC	405	ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE 0-17
258	TOTAL MASTECTOMY FOR MALIGNANCY W/O CC	406	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURES W/ CC
259	SUBTOTAL MASTECTOMY FOR MALIGNANCY W/ CC	407	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURE W/O CC
260	SUBTOTAL MASTECTOMY FOR MALIGNANCY W/O CC	408	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ OTHER OR PROCEDURES
274	MALIGNANT BREAST DISORDERS W/ CC		
275	MALIGNANT BREAST DISORDERS W/O CC		
303	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NEOPLASM	409	RADIOTHERAPY
318	KIDNEY AND URINARY TRACT NEOPLASMS W/ CC	410	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
319	KIDNEY AND URINARY TRACT NEOPLASMS W/O CC	411	HISTORY OF MALIGNANCY W/O ENDOSCOPY
338	TESTES PROCEDURES FOR MALIGNANCY	412	HISTORY OF MALIGNANCY W/ ENDOSCOPY
344	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES FOR MALIGNANCY	413	OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/ CC
346	MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/ CC	414	OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/O CC
347	MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/O CC	473	ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE GREATER THAN 17
354	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXAL MALIGNANCY W/ CC	492	CHEMOTHERAPY W/ ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
355	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXAL MALIGNANCY W/O CC	539	LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W/ CC (OCT 03)
357	UTERINE AND ADNEXA PROCEDURES FOR OVARIAN OR ADNEXAL MALIGNANCY	540	LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W/O CC (OCT 03)