

AHRQ Quality Indicators

Pediatric Quality Indicators Technical Specifications

Department of Health and Human Services
Agency for Healthcare Research and Quality
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1.0 Pediatric Quality Indicators (PDI) Overview

This section describes the population included in the PDIs, provides the criteria for inclusion in the category "neonate," and describes the stratification categories available in the PDI software.

1.1 Pediatric Population

The population for the Pediatric Quality Indicators is as follows:

- Age under 18 years
- Not in MDC 14 (Pregnancy, Childbirth & the Puerperium)
- Not in Adult DRGs

Adult DRGs

001	CRANIOTOMY, AGE GREATER THAN 17 EXCEPT FOR TRAUMA	080	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 WITHOUT CC
002	CRANIOTOMY FOR TRAUMA, AGE GREATER THAN 17	089	SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 WITH CC
024	SEIZURE AND HEADACHE, AGE GREATER THAN 17 WITH CC	090	SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 WITHOUT CC
025	SEIZURE AND HEADACHE, AGE GREATER THAN 17 WITHOUT CC	096	BRONCHITIS AND ASTHMA, AGE GREATER THAN 17 WITH CC
028	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 WITH CC	097	BRONCHITIS AND ASTHMA, AGE GREATER THAN 17 WITHOUT CC
029	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 WITHOUT CC	135	CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE GREATER THAN 17 WITH CC
031	CONCUSSION, AGE GREATER THAN 17 WITH CC	136	CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE GREATER THAN 17 WITHOUT CC
032	CONCUSSION, AGE GREATER THAN 17 WITHOUT CC	154	STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE GREATER THAN 17 WITH CC
040	EXTRAOCULAR PROCEDURES EXCEPT ORBIT, AGE GREATER THAN 17	155	STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE GREATER THAN 17 WITH CC
046	OTHER DISORDERS OF THE EYE, AGE GREATER THAN 17 WITH CC	159	HERNIA PROCEDURES EXCEPT INGUINAL AND FEMORAL , AGE GREATER THAN 17 WITH CC
047	OTHER DISORDER OF THE EYE, AGE GREATER THAN 17 WITHOUT CC	160	HERNIA PROCEDURES EXCEPT INGUINAL AND FEMORAL, AGE GREATER THAN 17 WITHOUT CC
053	SINUS AND MASTOID PROCEDURES, AGE GREATER THAN 17	161	INGUINAL AND FEMORAL HERNIA PROCEDURES, AGE GREATER THAN 17 WITH CC
057	TONSILLECTOMY AND ADENOIDECTOMY PROCEDURES EXCEPT TONSILLECTOMY AND/OR ADENOIDECTOMY	162	INGUINAL AND FEMORAL HERNIA PROCEDURES, AGE GREATER THAN 17 WITHOUT CC
059	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE GREATER THAN 17	182	ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS, AGE GREATER THAN
061	MYRINGOTOMY WITH TUBE INSERTION, AGE GREATER THAN 17	183	ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS, AGE GREATER THAN
068	OTITIS MEDIA AND URI, AGE GREATER THAN 17 WITH CC		
069	OTITIS MEDIA AND URI, AGE GREATER THAN 17 WITHOUT CC		
073	OTHER EAR, NOSE, MOUTH AND THROAT DIAGNOSES, AGE GREATER THAN 17		
079	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 WITH CC		

185	DENTAL AND ORAL DISEASES EXCEPT EXTRACTIONS AND RESTORATIONS, AGE GREATER THAN 17	325	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE GREATER THAN 17 WITH CC
188	OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE GREATER THAN 17 WITH CC	326	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE GREATER THAN 17 WITHOUT CC
189	OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE GREATER THAN 17 WITHOUT CC	328	URETHRAL STRICTURE, AGE GREATER THAN 17 WITH CC
210	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURES, AGE GREATER THAN 17 WITH CC	329	URETHRAL STRICTURE, AGE GREATER THAN 17 WITHOUT CC
211	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURES, AGE GREATER THAN 17 WITHOUT	331	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE GREATER THAN 17 WITH CC
218	LOWER EXTREMITY AND HUMERUS PROCEURES EXCEPT HIP, FOOT AND FEMUR, AGE GREATER THAN 1	332	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE GREATER THAN 17 WITHOUT CC
219	LOWER EXTREMITY AND HUMERUS PROCEDURES EXCEPT HIP, FOOT AND FEMUR, AGE GREATER THAN	339	TESTES PROCEDURES FOR NONMALIGNANCY, AGE GREATER THAN 17
250	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE GREATER	342	CIRCUMCISION, AGE GREATER THAN 17
251	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE GREATER	392	SPLENECTOMY, AGE GREATER THAN 17
253	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT,	395	RED BLOOD CELL DISORDERS, AGE GREATER THAN 17
254	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT,	416	SEPTICEMIA, AGE GREATER THAN 17
277	CELLULITIS, AGE GREATER THAN 17 WITH CC	419	FEVER OF UNKNOWN ORIGIN, AGE GREATER THAN 17 WITH CC
278	CELLULTIIS, AGE GREATER THAN 17 WITHOUT CC	420	FEVER OF UNKNOWN ORIGIN, AGE GREATER THAN 17 WITHOUT CC
280	TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE GREATER THAN 17 WITH CC	421	VIRAL ILLNESS, AGE GREATER THAN 17
281	TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE GREATER THAN 17 WITHOUT CC	444	TRAUMATIC INJURY, AGE GREATER THAN 17 WITH CC
296	NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE GREATER THAN 17 WITH CC	445	TRAUMATIC INJURY, AGE GREATER THAN 17 WITHOUT CC
297	NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE GREATER THAN 17 WITHOUT CC	447	ALLERGIC REACTIONS, AGE GREATER THAN 17
312	URETHRAL PROCEDURES, AGE GREATER THAN 17 WITH CC	449	POISONING AND TOXIC EFFECTS OF DRUGS, AGE GREATER THAN 17 WITH CC
313	URETHRAL PROCEDURES, AGE GREATER THAN 17 WITHOUT CC	450	POISONING AND TOXIC EFFECTS OF DRUGS, AGE GREATER THAN 17 WITHOUT CC
320	KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 WITH CC	473	ACUTE LEUKEMIA WITHOUT MAJOR OR PROCEDURE, AGE GREATER THAN 17
321	KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 WITHOUT CC	562	SEIZURE AGE > 17 W CC OCT06-
		563	SEIZURE AGE > 17 W/O CC OCT06-
		564	HEADACHES AGE >17 OCT06-
		567	STOMACH, ESOPHAGEAL & DUODENAL PROC AGE > 17 W CC W MAJOR GI DX OCT06-
		568	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES PROC AGE > 17 W CC W/O MAJOR GI DX OCT06-
		575	SEPTICEMIA W MV96+ HOURS AGE >17
		576	SEPTICEMIA W/O MV96+ HOURS AGE >17

1.2 Definitions of Neonate and Newborn

The definition of **newborn** is any neonate with either 1) an ICD-9-CM diagnosis code for an in-hospital live 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), an ICD-9-CM diagnosis code for neonate observation and evaluation, or an ICD-9-CM diagnosis code for an in-hospital live birth.

Newborn in Hospital Live Birth Codes

V3000	SINGLE LB IN-HOSP W/O CS OCT05-	V3401	OTH MULT LB-IN HOSP W CS OCT05-
V3001	SINGLE LB IN-HOSP W CS OCT05-	V3500	OTH MULT SB-HOSP W/O CS OCT05-
V3100	TWIN-MATE LB-HOSP W/O CS OCT05-	V3501	OTH MULT SB-IN HOSP W CS OCT05-
V3101	TWIN-MATE LB-IN HOS W CS OCT05-	V3600	MULT LB/SB-IN HOS W/O CS OCT05-
V3200	TWIN-MATE SB-HOSP W/O CS OCT05-	V3601	MULT LB/SB-IN HOSP W CS OCT05-
V3201	TWIN-MATE SB-HOSP W CS OCT05-	V3700	MULT BRTH NOS-HOS W/O CS OCT05-
V3300	TWIN-NOS-IN HOSP W/O CS OCT05-	V3701	MULT BIRTH NOS-HOSP W CS OCT05-
V3301	TWIN-NOS-IN HOSP W CS OCT05-	V3900	LIVEBORN NOS-HOSP W/O CS OCT05-
V3400	OTH MULT LB-HOSP W/O CS OCT05-	V3901	LIVEBORN NOS-HOSP W CS OCT05-

Newborn out of Hospital Birth codes:

V301	SINGL LIVEBRN-BEFORE ADM OCT05-	V342	OTH MULTIPLE NB-NONHOSP OCT05-
V302	SINGLE LIVEBORN-NONHOSP OCT05-	V351	OTH MULT SB-BEFORE ADM OCT05-
V311	TWIN, MATE LB-BEFORE ADM OCT05-	V352	OTH MULTIPLE SB-NONHOSP OCT05-
V312	TWIN, MATE LB-NONHOSP OCT05-	V361	MULT NB/SB-BEFORE ADM OCT05-
V321	TWIN, MATE SB-BEFORE ADM OCT05-	V362	MULTIPLE NB/SB-NONHOSP OCT05-
V322	TWIN, MATE SB-NONHOSP OCT05-	V371	MULT BRTH NOS-BEFORE ADM OCT05-
V331	TWIN NOS-BEFORE ADMISSN OCT05-	V372	MULT BIRTH NOS-NONHOSP OCT05-
V332	TWIN NOS-NONHOSP OCT05-	V391	LIVEBORN NOS-BEFORE ADM OCT05-
V341	OTH MULT NB-BEFORE ADM OCT05-	V392	LIVEBORN NOS-NONHOSP OCT05-

Neonate Observation and Evaluation codes:

V290	NB OBSRV SUSPCT INFECT	V293	NB OBS GENETC/METABL CND
V291	NB OBSRV SUSPCT NEURLGCL	V298	NB OBSRV OTH SUSPCT COND
V292	OBSRV NB SUSPC RESP COND	V299	NB OBSRV UNSP SUSPCT CND

1.3 Age and Weight Classifications

The values of three variables related to age and weight are used in determining cases to include in the denominator. These values are also used in assigning cases to stratification categories.

1.3.1 Pediatric Age in Years

The values for Pediatric Age in Years include the following:

* The data elements in the AHRQ QI are based on the coding specifications used in the State Inpatient Data (SID) in the Healthcare Cost and Utilization Project. The SID coding specifications are similar to the Uniform Bill (UB-92) but not identical. For data elements used in the AHRQ QI, crosswalks between the SID and UB-92 coding specifications are included in the SID documentation available at <http://hcup-us.ahrq.gov/db/state/siddbdocumentation.jsp>.

- 1 = Less than one (1) year
- 2 = 1 to 2 years
- 3 = 3 to 5 years
- 4 = 6 to 12 years
- 5 = 13 to 17 years

1.3.2 Age in Days

Age in Days is defined on patients less than one year. Possible values for this category are as follows:

- 0 = N/A
- 1 = 0 to 28 days
- 2 = 29 to 60 days
- 3 = 61 to 90 days
- 4 = 91 to 365 days

1.3.3 Birth Weight

Values assigned to Birth Weight categories are based on ICD-9-CM diagnosis codes that specify infant weight in grams. The values are as follows:

- 0 = N/A
- 1 = 0 to 499 g
- 2 = 500 to 999 g
- 3 = 1000 to 1499 g
- 4 = 1500 to 1999 g
- 5 = 2000 to 2500 g

1.4 Stratification Categories

The PDI software reports rates stratified by age and/or birth weight and, in some cases, by specified clinical strata.

1.4.1 Based on Age and Weight

All PDIs stratify rates based on age and/or birth weight. PDI 4, Iatrogenic Pneumothorax in Neonates, stratifies rates based on the Birth Weight values of 2 - 5. PDI 5, Iatrogenic Pneumothorax, uses the values of 2-5 for Pediatric Age in Years as stratification categories and includes a stratification category for neonates with a Birth Weight of > 2500 g. Cases are assigned to this stratification category based on diagnosis codes. All other Provider-Level PDIs provide "Age stratified rates" as shown in Table 1.

Table 1 - Provider-level PDI Stratification Categories

Rate Category	How Assigned
Neonate, < 2000 g	Neonate = true, Birth Weight value < 5
Neonate, ≥ 2000 g	Neonate = true, Birth Weight value = 5 or diagnosis code for birth weight > 2500 g.
29 days - 364 days	Pediatric Age in Years = 1, Age in Days > 1
1 - 2 years	Pediatric Age in Years = 2
3 - 5 years	Pediatric Age in Years = 3
6 - 12 years	Pediatric Age in Years = 4
13 - 17 years	Pediatric Age in Years = 5

The "Age stratified rates" categories for Area-level PDIs vary, as shown in Table 2.

Table 2 - Area-level PDI Categories

Rate Category	How Assigned	PDI 14	PDI 15	PDI 16	PDI 17	PDI 18
91 days - 364 days	Pediatric Age in Years = 1, Age in Days = 4			Y		Y
2 years	Value of Data Element "Age" = 2	Y				
1-2 years	Pediatric Age in Years = 2			Y	Y	Y
3 - 5 years	Pediatric Age in Years = 3	Y		Y	Y	Y
6 - 12 years	Pediatric Age in Years = 4	Y	Y	Y	Y	Y
13 - 17 years	Pediatric Age in Years = 5	Y	Y	Y	Y	Y

1.4.2 Based on Clinical Categories

The following indicators have additional stratification based on clinical categories.

1.4.2.1 Accidental Puncture or Laceration (PDI 1)

Clinical categories for PDI 1 are based on Major Diagnostic Categories (MDC).

- Strata 1. Eye, ear, nose, mouth, throat, skin, breast, and other low-risk procedures (MDC 2, 3, 9, 19, 22, 23)
- Strata 2. Thoracic, cardiovascular, and specified neoplastic procedures (MDC 4, 5, 17)
- Strata 3. Kidney, and male/female reproductive procedures (MDC 11, 12, 13)
- Strata 4. Infectious, immunological, hematological, and ungroupable procedures (MDC 0/99, 16, 18, 25)
- Strata 5. Trauma, orthopedic, and neurologic procedures (MDC 1, 8, 21, 24)
- Strata 6. Gastrointestinal, hepatobiliary, and endocrine procedures (MDC 6, 7, 10)

1.4.2.2 Decubitus Ulcer (PDI 2) Stratification

PDI 2 stratifies rates by high-risk vs. lower risk groups.

High risk group:

Hemi-, para-, and quadriplegia, spina bifida, and anoxic brain damage

33371	ATHETOID CEREBRAL PALSY	34291	UNSP HEMIPLGA DOMNT SIDE
3420	FLACCID HEMIPLEGIA	34292	UNSP HMIPLGA NONDMNT SDE
34200	FLCCD HMIPLGA UNSPF SIDE	3430	INFANTILE CEREBRAL PALSY, DIPLEGIC
34201	FLCCD HMIPLGA DOMNT SIDE	3431	INFANTILE CEREBRAL PALSY, HEMIPLEGIC
34202	FLCCD HMIPLG NONDMNT SDE	3432	INFANTILE CEREBRAL PALSY, QUADRIPLLEGIC
3421	SPASTIC HEMIPLEGIA	3433	INFANTILE CEREBRAL PALSY, MONOPLLEGIC
34210	SPSTC HMIPLGA UNSPF SIDE	3434	INFANTILE CEREBRAL PALSY, INFANTILE HEMIPLEGIA
34211	SPSTC HMIPLGA DOMNT SIDE		
34212	SPSTC HMIPLG NONDMNT SDE		
34280	OT SP HMIPLGA UNSPF SIDE		
34281	OT SP HMIPLGA DOMNT SIDE		
34282	OT SP HMIPLG NONDMNT SDE		
3429	HEMIPLEGIA, UNSPECIFIED		
34290	UNSP HEMIPLGA UNSPF SIDE		

3438	INFANTILE CEREBRAL PALSY OTHER SPECIFIED INFANTILE CEREBRAL PALSY	3446	CAUDA EQUINA SYNDROME
3439	INFANTILE CEREBRAL PALSY, UNSPECIFIED	34460	CAUDA EQUINA SYNDROME, WITHOUT MENTION OF NEUROGENIC BLADDER
3440	QUADRIPLEGIA AND QUADRIPARESIS	34461	CAUDA EQUINA SYNDROME, WITH NEUROGENIC BLADDER
34400	QUADRIPLEGIA, UNSPECIFIED	3448	OTHER SPECIFIED PARALYTIC SYNDROMES
34401	QUADRIPLEGIA C1-C4, COMPLETE	34481	LOCKED-IN STATE
34402	QUADRIPLEGIA C1-C4, INCOMPLETE	34489	OTHER SPECIFIED PARALYTIC SYNDROMES
34403	QUADRIPLEGIA C5-C7, COMPLETE	3449	PARALYSIS, UNSPECIFIED
34404	QUADRIPLEGIA C5-C7, INCOMPLETE	43820	LATE EFFEMORAL HEMIPLEGIA SIDE NOS
34409	OTHER QUADRIPLEGIA	43821	LATE EFFEMORAL HEMIPLEGIA DOM SIDE
3441	PARAPLEGIA	43822	LATE EFFEMORAL HEMIPLEGIA NON-DOM
3442	DIPLEGIA OF UPPER LIMBS	43830	LATE EFFEMORAL HEMIPLEGIA UP LMB NOS
3443	MONOPLEGIA OF LOWER LIMB	43831	LATE EFFEMORAL HEMIPLEGIA UP LMB DOM
34430	MONOPLEGIA LWR LMB UNSPECIFIED SDE	43832	LT EFFEMORAL HEMIPLEGIA UPLMB NON-DOM
34431	MONOPLEGIA LWR LMB DMNT SDE	43840	LTE EFFEMORAL HEMIPLEGIA LOW LMB NOS
34432	MONOPLEGIA LWR LMB NONDMNT SDE	43841	LTE EFFEMORAL HEMIPLEGIA LOW LMB DOM
3444	MONOPLEGIA OF UPPER LIMB	43842	LT EFFEMORAL HEMIPLEGIA LOW LMB NON-DOM
34440	MONOPLEGIA UPR LMB UNSPECIFIED SDE	43850	LT EFFEMORAL HEMIPLEGIA SIDE NOS
34441	MONOPLEGIA UPR LMB DMNT SDE	43851	LT EFFEMORAL HEMIPLEGIA DOM SIDE
34442	MONOPLEGIA UPR LMB NONDMNT SDE	43852	LT EFFEMORAL HEMIPLEGIA NON-DOM
3445	UNSPECIFIED MONOPLEGIA	43853	LT EFFEMORAL HEMIPLEGIA BILAT
74100	SPINA BIFIDA, W HYDROCEPHALUS UNSPECIFIED REGION	74191	SPINA BIFIDA, W/O HYDROCEPHALUS CERVICAL REGION
74101	SPINA BIFIDA, W HYDROCEPHALUS CERVICAL REGION	74192	SPINA BIFIDA, W/O HYDROCEPHALUS DORSAL REGION
74102	SPINA BIFIDA, W HYDROCEPHALUS DORSAL REGION	74193	SPINA BIFIDA, W/O HYDROCEPHALUS LUMBAR REGION
74103	SPINA BIFIDA, W HYDROCEPHALUS LUMBAR REGION	7687	HYPOXIC-ISCHEMIC ENCEPHALOPATHY
74190	SPINA BIFIDA, W/O HYDROCEPHALUS UNSPECIFIED REGION		
3481	ANOXIC BRAIN DAMAGE	7685	SEVERE BIRTH ASPHYXIA

Secondary procedure code:

96.72 ADD CONTINUOUS MECHANICAL VENTILATION >=96 HRS

Low risk group: All patients not qualifying as high risk.

1.4.2.3 Postoperative Hemorrhage or Hematoma (PDI 8)

Stratifies rates by high-risk vs. lower risk groups.

High risk group:

Patients with any diagnosis codes indicating for specified coagulopathies

Patients with ICD-9-CM procedure code 3965 for Extracorporeal Membrane Oxygenation (ECMO)

ICD-9-CM Coagulopathies diagnosis codes:

2860	CONG FACTOR VIII DISORDER	2865	CIRCULATING ANTICOAGULANT DEFIBRINATION SYNDROME
2861	CONG FACTOR IX DISORDER	2866	DEFIBRINATION SYNDROME
2862	CONG FACTOR XI DISORDER	2867	ACQUIRED COAGULANT DEFICIT
2863	CONG DEF CLOT FACTOR NEC	2869	COAGULANT DEFECT NEC NOS
2864	VON WILLEBRAND'S DISEASE	2871	THROMBOCYTOPATHY

2873	PRIMARY THROMBOCYTOPENIA	28739	OTHER PRIMARY
28730	PRIMARY THROMBOCYTOPENIA, UNSPECIFIED OCT05-		THROMBOCYTOPENIA OCT05-
27831	IMMUNE THROMBOCYTOPENIC PURPURA OCT05-	2874	SECOND THROMBOCYTOPENIA
28732	EVANS' SYNDROME OCT05-	2875	THROMBOCYTOPENIA NOS
28733	CONGENITAL AND HEREDITARY THROMBOCYTOPENIC PURPURA OCT05-	2878	HEMORRHAGIC COND NEC
		2879	HEMORRHAGIC COND NOS

Low risk group: All patients not qualifying as high risk.

1.4.2.4 Postoperative Sepsis (PDI 10) and Postoperative Wound Dehiscence (PDI 11)

Clinical stratification for PDIs 10 and 11 is divided into four categories based on surgical class associated with the DRG and whether or not the admission type is elective (SID ATYPE=3), as shown in Table 3.

Table 3 - PDI 10 and PDI 11 Clinical Stratification Categories

Clinical Stratification	Surgical Class DRG	Admission Type
Strata 1. Clean Procedures Elective	1	Elective
Strata 2. Clean Procedures Non-Elective	1	Not Elective
Strata 3. Potentially Contaminated Elective	2, 3, or 9	Elective
Strata 4. Potentially Contaminated Non-Elective	2, 3, or 9	Not Elective

Surgical Class 1 DRGs

003	CRANIOTOMY, AGE 0-17	062	MYRINGOTOMY WITH TUBE INSERTION, AGE 0-17
004	SPINAL PROCEDURES	063	OTHER EAR, NOSE, MOUTH AND THROAT OR PROCEDURES
005	EXTRACRANIAL VASCULAR PROCEDURES	103	HEART TRANSPLANT
006	CARPAL TUNNEL RELEASE	104	CARDIAC VALVE AND OTHER MAJ CARDIOTHORACIC PROC WITH CARDIAC CATH
007	PERIPHERAL AND CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROC WITH CC	105	CARDIAC VALVE AND OTHER MAJ CARDIOTHORACIC PROCEDURES WO CARDIAC CATH
008	PERIPHERAL AND CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROC WO CC	106	CORONARY BYPASS WITH PTCA
036	RETINAL PROCEDURES	107	CORONARY BYPASS WITH CARDIAC CATHETERIZATION
037	ORBITAL PROCEDURES	108	OTHER CARDIOTHORACIC PROCEDURES
038	PRIMARY IRIS PROCEDURES	109	CORONARY BYPASS WITHOUT CARDIAC CATHETERIZATION
039	LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	110	MAJOR CARDIOVASCULAR PROCEDURES WITH CC
041	EXTRAOCULAR PROCEDURES EXCEPT ORBIT, AGE 0-17	111	MAJOR CARDIOVASCULAR PROCEDURES WITHOUT CC
042	INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS AND LENS	112	PERCUTANEOUS CARDIOVASCULAR PROCEDURES
049	MAJOR HEAD AND NECK PROCEDURES	113	AMPUTATION FOR CIRCULATORY SYSTEM DISORDERS EXCEPT UPPER LIMB AND TOE
050	SIALOADENECTOMY	114	UPPER LIMB AND TOES AMPUTATION FOR CIRCULATORY SITE
051	SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY	115	PERMANENT CARDIAC PACEMAKER IMPLANT WITH ACUTE MYOCARDIAL INFARCTION, HEART FAILURE OR SHOCK OR ACID LEAD OR GENERATOR PROCEDURE
052	CLEFT LIP AND PALATE REPAIR		
054	SINUS AND MASTOID PROCEDURES, AGE 0-17		
055	MISCELLANEOUS EAR, NOSE, MOUTH AND THROAT PROCEDURES		
056	RHINOPLASTY		
058	TONSILLECTOMY AND ADNOIDECTOMY PROCEDURES EXCEPT TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE 0-17		
060	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE 0 - 17		

116	OTHER PERMANENT CARDIAC PACEMAKER IMPLANT OR PTCA WITH CORONARY ARTERIAL STENT	268	SKIN, SUBCUTANEOUS TISSUE AND BREAST PLASTIC PROCEDURES
117	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT	285	AMPUTATION OF LOWER LIMB FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS
118	CARDIAC PACEMAKER DEVICE REPLACEMENT	286	ADRENAL AND PITUITARY PROCEDURES
119	VEIN LIGATION AND STRIPPING	287	SKIN GRAFTS AND WOUND DEBRIDEMENTS FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS
120	OTHER CIRCULATORY SYSTEM OR PROCEDURES	289	PARATHYROID PROCEDURES
163	HERNIA PROCEDURES, AGE 0-17	290	THYROID PROCEDURES
168	MOUTH PROCEDURES WITH CC	291	THYROGLOSSAL PROCEDURES
169	MOUTH PROCEDURES WITHOUT CC	292	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC OR PROCEDURES WITH CC
209	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF LOWER EXTREMITY	293	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC OR PROCEDURES WITHOUT CC
212	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURE, AGE 0-17	338	TESTES PROCEDURES FOR MALIGNANCY
213	AMPUTATION FOR MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DISORDERS	340	TESTES PROCEDURES FOR NONMALIGNANCY, AGE 0-17
216	BIOPSIES OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	343	CIRCUMCISION, AGE 0-17
217	WOUND DEBRIDEMENT AND SKIN GRAFT EXCEPT HAND FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DISORDERS	393	SPLENECTOMY, AGE 0-17
220	LOWER EXTREMITY AND HUMERUS PROC EXCEPT HIP, FOOT AND FEMUR, AGE 0-17	394	OTHER OR PROCEDURES OF THE BLOOD AND BLOOD-FORMING ORGANS
223	MAJOR SHOULDER/ELBOW PROC OR OTHER UPPER EXTREMITY PROC WITH CC	471	BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREMITY
224	SHOULDER, ELBOW OR FOREARM PROC EXCEPT MAJOR JOINT PROC WO CC	478	OTHER VASCULAR PROCEDURES WITH CC
225	FOOT PROCEDURES	479	OTHER VASCULAR PROCEDURES WITHOUT CC
226	SOFT TISSUE PROCEDURES WITH CC	481	BONE MARROW TRANSPLANT
227	SOFT TISSUE PROCEDURES WITHOUT CC	491	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY
228	MAJOR THUMB OR JOINT PROCEDURES OR OTHER HAND OR WRIST PROC WITH CC	496	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION
229	HAND OR WRIST PROCEDURES EXCEPT MAJOR JOINT PROCEDURES WITHOUT CC	497	SPINAL FUSION WITH CC
230	LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES OF HIP AND FEMUR	498	SPINAL FUSION WITHOUT CC
231	LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES EXCEPT HIP AND FEMUR	499	BACK AND NECK PROCEDURES EXCEPT SPINAL FUSION WITH CC
232	ARTHROSCOPY	500	BACK AND NECK PROCEDURES EXCEPT SPINAL FUSION WITHOUT CC
233	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE OR PROC WITH CC	501	KNEE PROCEDURES WITH PRINCIPAL DIAGNOSIS OF INFECTION, WITH CC
234	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE OR PROC WO CC	502	KNEE PROCEDURES WITH PRINCIPAL DIAGNOSIS OF INFECTION, WITHOUT CC
257	TOTAL MASTECTOMY FOR MALIGNANCY WITH CC	503	KNEE PROCEDURES WITHOUT PRINCIPAL DIAGNOSIS OF INFECTION
258	TOTAL MASTECTOMY FOR MALIGNANCY WITHOUT CC	514	CARDIAC DEFIBRILLATOR IMPLANT W CARDIAC CATH
259	SUBTOTAL MASTECTOMY FOR MALIGNANCY WITH CC	515	CARDIAC DEFIBRILLATOR IMPLANT WITHOUT CARDIAC CATH
260	SUBTOTAL MASTECTOMY FOR MALIGNANCY WITHOUT CC	516	PERCUTANEOUS CARDIOVASC PROC W AMI
261	BREAST PROCEDURE FOR NONMALIGNANCY EXCEPT BIOPSY AND LOCAL EXCISION	517	PERC CARDIO PROC W NON-DRUG ELUTING STENT WITHOUT AMI
262	BREAST BIOPSY AND LOCAL EXCISION FOR NONMALIGNANCY	518	PERC CARDIO PROC WITHOUT CORONARY ARTERY STENT OR AMI
		519	CERVICAL SPINAL FUSION W CC
		520	CERVICAL SPINAL FUSION WITHOUT CC
		525	HEART ASSIST SYSTEM IMPLANT
		526	PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT W AMI
		527	PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT WITHOUT AMI

528	INTRACRANIAL VASCULAR PROC W PDX HEMORRHAGE	547	CORONARY BYPASS W CARDIAC CATH W MAJOR CV DX
529	VENTRICULAR SHUNT PROCEDURES W CC	548	CORONARY BYPASS W CARDIAC CATH W/O MAJOR CV DX
530	VENTRICULAR SHUNT PROCEDURES W/O CC	549	CORONARY BYPASS W/O CARDIAC CATH W MAJOR CV DX
531	SPINAL PROCEDURES W CC	550	CORONARY BYPASS W/O CARDIAC CATH W/O MAJOR CV DX
532	SPINAL PROCEDURES W/O CC	551	PERMANENT CARDIAC PACEMAKER IMP W MAJ CV DX OR AICD LED OR GNRTR
533	EXTRACRANIAL PROCEDURES W CC	552	OTHER PERMANENT CARDIAC PACEMAKER IMPLANT W/O MAJOR CV DX
534	EXTRACRANIAL PROCEDURES W/O CC	553	OTHER VASCULAR PROCEDURES W CC W MAJOR CV DX
535	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK	554	OTHER VASCULAR PROCEDURES W CC W/O MAJOR CV DX
536	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK	555	PERCUTANEOUS CARDIOVASCULAR PROC W MAJOR CV DX
537	LOCAL EXCIS & REMOV OF INT FIX DEV EXCEPT HIP & FEMUR W CC	556	PERCUTANEOUS CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MAJOR CV DX
538	LOCAL EXCIS & REMOV OF INT FIX DEV EXCEPT HIP & FEMUR W/O CC	557	PRECUTANEOUS CARDIOVASCULAR PROC W DRUG-ELUTING STENT W MAJOR CV DX
543	CRANIOTOMY WITH IMPLANTATION OF CHEMOTHERAPEUTIC AGENT OR ACUTE COMPLEX CENTRAL NERVOUS SYSTEM PRINCIPAL DIAGNOSIS	558	PRECUTANEOUS CARIOVASCULAR PROC W DRUG-ELUTING STENT W/O MAJOR CV DX
544	MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTERMITY	577	CAROTID ARTERY STENT PROCEDURE
545	REVISION OF HIP OR KNEE REPLACEMENT		
546	SPINAL FUSION EXC CERV WITH CURVATURE OF THE SPINE OR MALIG		

Surgical Class 2 DRGs

075	MAJOR CHEST PROCEDURES	171	OTHER DIGESTIVE SYSTEM OR PROCEDURES WITHOUT CC
076	OTHER RESPIRATORY SYSTEM OR PROCEDURES WITH CC	191	PANCREAS, LIVER AND SHUNT PROCEDURES WITH CC
077	OTHER RESPIRATORY SYSTEM OR PROCEDURES WITHOUT CC	192	PANCREAS, LIVER AND SHUNT PROCEDURES WITHOUT CC
146	RECTAL RESECTION WITH CC	193	BILIARY TRACT PROCEDURES EXCEPT ONLY CHOLECYSTECTOMY WITH OR WITHOUT COMMON DUCT EXPLORATION WITH CC
147	RECTAL RESECTION WITHOUT CC	194	BILIARY TRACT PROCEDURES EXCEPT ONLY CHOLECYSTECTOMY WITH OR WITHOUT COMMON DUCT EXPLORATION WITHOUT CC
148	MAJOR SMALL AND LARGE BOWEL PROCEDURES WITH CC	195	CHOLECYSTECTOMY WITH COMMON DUCT EXPLORATION WITH CC
149	MAJOR SMALL AND LARGE BOWEL PROCEDURES WITHOUT CC	196	CHOLECYSTECTOMY WITH COMMON DUCT EXPLORATION WITHOUT CC
150	PERITONEAL ADHESIOLYSIS WITH CC	197	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE WITHOUT COMMON DUCT EXPLORATION WITH CC
151	PERITONEAL ADHESIOLYSIS WITHOUT CC	198	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE WITHOUT COMMON DUCT EXPORTATION WITHOUT CC
152	MINOR SMALL AND LARGE BOWEL PROCEDURES WITH CC	199	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY
153	MINOR SMALL AND LARGE BOWEL PROCEDURES WITHOUT CC	200	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR NONMALIGNANCY
156	STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE 0-17	201	OTHER HEPATOBIILIARY OR PANCREAS OR PROCEDURES
157	ANAL AND STOMAL PROCEDURES WITH CC	265	SKIN GRAFT AND OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS WITH CC
158	ANAL AND STOMAL PROCEDURES WITHOUT CC		
166	APPENDECTOMY WITHOUT COMPLICATED PRINCIPAL IAGNOSIS WITH CC		
167	APPENDECTOMY WITHOUT COMPLICATED PRINCIPAL DIAGNOSIS WITHOUT CC		
170	OTHER DIGESTIVE SYSTEM OR PROCEDURES WITH CC		

266	SKIN GRAFT AND/OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS WITHOUT CC	357	UTERINE AND ADNEXA PROCEDURES FOR OVARIAN OR ADNEXAL MALIGNANCY
267	PERIANAL AND PILONIDAL PROCEDURES	358	UTERINE AND ADNEXA PROCEDURES FOR NONMALIGNANCY WITH CC
269	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST PROCEDURES WITH CC	359	UTERINE AND ADNEXA PROCEDURES FOR NONMALIGNANCY WITHOUT CC
270	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST PROCEDURES WITHOUT CC	360	VAGINA, CERVIX AND VULVA PROCEDURES
288	OR PROCEDURES FOR OBESITY	361	LAPAROSCOPY AND INCISIONAL TUBAL INTERRUPTION
302	KIDNEY TRANSPLANT	362	ENDOSCOPIC TUBAL INTERRUPTION
303	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NEOPLASM	363	D AND C, CONIZATION AND RADIOIMPLANT FOR MALIGNANCY
304	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NONNEOPLASMS WITH CC	364	D AND C, CONIZATION EXCEPT FOR MALIGNANCY
305	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NONEOPLASMS WITHOUT CC	365	OTHER FEMALE REPRODUCTIVE SYSTEM OR PROCEDURES
306	PROSTATECTOMY WITH CC	370	CESAREAN SECTION WITH CC
307	PROSTATECTOMY WITHOUT CC	371	CESAREAN SECTION WITHOUT CC
308	MINOR BLADDER PROCEDURES WITH CC	374	VAGINAL DELIVERY WITH STERILIZATION AND/OR D AND C
309	MINOR BLADDER PROCEDURES WITHOUT CC	375	VAGINAL DELIVERY WITH OR PROCEDURE EXCEPT STERILIZATION AND OR D AND C
310	TRANSURETHRAL PROCEDURES WITH CC	377	POSTPARTUM AND POSTABORTION DIAGNOSES WITH OR PROCEDURE
311	TRANSURETHRAL PROCEDURES WITHOUT CC	381	ABORTION WITH D AND C ASPIRATION CURETTAGE OR HYSTERECTOMY
314	URETHRAL PROCEDURES, AGE 0-17	476	PROSTATIC OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
315	OTHER KIDNEY AND URINARY TRACT OR PROCEDURES	480	LIVER TRANSPLANT
334	MAJOR MALE PELVIC PROCEDURES WITH CC	482	TRACHEOSTOMY FOR FACE, MOUTH AND NECK DIAGNOSES
335	MAJOR MALE PELVIC PROCEDURES WITHOUT CC	483	TRACHEOSTOMY EXCEPT FOR FACE, MOUTH AND NECK DIAGNOSES
336	TRANSURETHRAL PROSTATECTOMY WITH CC	493	LAPAROSCOPIC CHOLECYSTECTOMY WO COMMON DUCT EXPLORATION WITH CC
337	TRANSURETHRAL PROSTATECTOMY WITHOUT CC	494	LAPAROSCOPIC CHOLECYSTECTOMY WO COMMON DUCT EXPLORATION WITHOUT CC
341	PENIS PROCEDURE	495	LUNG TRANSPLANT
344	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES FOR MALIGNANCY	512	SIMULTANEOUS PANCREAS/KIDNEY TRANSPLANT
345	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES EXCEPT FOR MALIGNANCY	513	PANCREAS TRANSPLANT
353	PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND RADICAL VULVECTOMY	541	TRACH W MV 96+HRS OR PDX EXC FACE, MTH, FACE & NECK DX W MAJ OR
354	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXAL MALIGNANCY WITH CC	542	TRACH W MV 96+HRS OR PDX EXC FACE, MTH, FACE & NECK DX WO MJ OR
355	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXA PROCEDURES WITHOUT CC	569	MAJOR SMALL & LARGE BOWEL PROCEDURES W CC W MAJOR GI DX
356	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	570	MAJOR SMALL & LARGE BOWEL PROCEDURES W CC W/O MAJOR GI DX
		573	MAJOR BLADDER PROCEDURES

Surgical Class 3 DRGs

263	SKIN GRAFT AND OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS WITH CC	484	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA
264	SKIN GRAFT AND OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS WITHOUT CC	485	LIMB REATTACHMENT, HIP AND FEMUR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
439	SKIN GRAFTS FOR INJURIES	486	OTHER OR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
440	WOUND DEBRIDEMENTS FOR INJURIES	504	EXTENSIVE 3RD DEGREE BURNS W SKIN GRAFT
441	HAND PROCEDURES FOR INJURIES	506	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W CC OR SIG TRAUMA
442	OTHER OR PROCEDURES FOR INJURIES WITH CC	507	FULL THICKNESS BURN W SKIN GRFT OR INHAL INJ W/O CC OR SIG TRAUMA
443	OTHER OR PROCEDURES FOR INJURIES WITHOUT CC		

Surgical Class 9 DRGs

400	LYMPHOMA AND LEUKEMIA WITH MAJOR OR PROCEDURES	424	OR PROCEDURES WITH PRINCIPAL DIAGNOSIS OF MENTAL ILLNESS
401	LYMPHOMA AND NONACUTE LEUKEMIA WITH OTHER OR PROCEDURE WITH CC	461	OR PROCEDURES WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES
402	LYMPHOMA AND NONACUTE LEUKEMIA WITH OTHER OR PROCEDURE WITHOUT CC	468	EXTENSIVE OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
406	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS WITH MAJOR OR PROCEDURES WITH CC	477	NONEXTENSIVE OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
407	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS WITH MAJOR OR PROCEDURES WITHOUT CC	488	HIV WITH EXTENSIVE OR PROCEDURE
408	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS WITH OTHER OR PROCEDURES	539	LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W CC
		540	LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W/O CC

1.4.2.5 Selected Infections Due to Medical Care (PDI 12) Stratification

Stratifies patients by three risk groups:

High Risk Group

Immunodeficient patients (HIV and AIDs, immune system disorders), high risk disorders (severe malnutrition, white blood cell disorder, renal failure, and short bowel syndrome), transplant, and ALL cancers

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

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

Cancer diagnosis codes

1400	MAL NEO UPPER VERMILION	1409	MAL NEO LIP/VERMIL NOS
1401	MAL NEO LOWER VERMILION	1410	MAL NEO TONGUE BASE
1403	MAL NEO UPPER LIP, INNER	1411	MAL NEO DORSAL TONGUE
1404	MAL NEO LOWER LIP, INNER	1412	MAL NEO TIP/LAT TONGUE
1405	MAL NEO LIP, INNER NOS	1413	MAL NEO VENTRAL TONGUE
1406	MAL NEO LIP, COMMISSURE	1414	MAL NEO ANT 2/3 TONGUE
1408	MAL NEO LIP NEC	1415	MAL NEO TONGUE JUNCTION

1416	MAL NEO LINGUAL TONSIL	1513	MAL NEO STOMACH FUNDUS
1418	MALIG NEO TONGUE NEC	1514	MAL NEO STOMACH BODY
1419	MALIG NEO TONGUE NOS	1515	MAL NEO STOM LESSER CURV
1420	MALIG NEO PAROTID	1516	MAL NEO STOM GREAT CURV
1421	MALIG NEO SUBMANDIBULAR	1518	MALIG NEOPL STOMACH NEC
1422	MALIG NEO SUBLINGUAL	1519	MALIG NEOPL STOMACH NOS
1428	MAL NEO MAJ SALIVARY NEC	1520	MALIGNANT NEOPL DUODENUM
1429	MAL NEO SALIVARY NOS	1521	MALIGNANT NEOPL JEJUNUM
1430	MALIG NEO UPPER GUM	1522	MALIGNANT NEOPLASM ILEUM
1431	MALIG NEO LOWER GUM	1523	MAL NEO MECKELS DIVERT
1438	MALIG NEO GUM NEC	1528	MAL NEO SMALL BOWEL NEC
1439	MALIG NEO GUM NOS	1529	MAL NEO SMALL BOWEL NOS
1440	MAL NEO ANT FLOOR MOUTH	1530	MAL NEO HEPATIC FLEXURE
1441	MAL NEO LAT FLOOR MOUTH	1531	MAL NEO TRANSVERSE COLON
1448	MAL NEO MOUTH FLOOR NEC	1532	MAL NEO DESCEND COLON
1449	MAL NEO MOUTH FLOOR NOS	1533	MAL NEO SIGMOID COLON
1450	MAL NEO CHEEK MUCOSA	1534	MALIGNANT NEOPLASM CECUM
1451	MAL NEO MOUTH VESTIBULE	1535	MALIGNANT NEO APPENDIX
1452	MALIG NEO HARD PALATE	1536	MALIG NEO ASCEND COLON
1453	MALIG NEO SOFT PALATE	1537	MAL NEO SPLENIC FLEXURE
1454	MALIGNANT NEOPLASM UVULA	1538	MALIGNANT NEO COLON NEC
1455	MALIGNANT NEO PALATE NOS	1539	MALIGNANT NEO COLON NOS
1456	MALIG NEO RETROMOLAR	1540	MAL NEO RECTOSIGMOID JCT
1458	MALIG NEOPLASM MOUTH NEC	1541	MALIGNANT NEOPL RECTUM
1459	MALIG NEOPLASM MOUTH NOS	1542	MALIG NEOPL ANAL CANAL
1460	MALIGNANT NEOPL TONSIL	1543	MALIGNANT NEO ANUS NOS
1461	MAL NEO TONSILLAR FOSSA	1548	MAL NEO RECTUM/ANUS NEC
1462	MAL NEO TONSIL PILLARS	1550	MAL NEO LIVER, PRIMARY
1463	MALIG NEOPL VALLECULA	1551	MAL NEO INTRAHEPAT DUCTS
1464	MAL NEO ANT EPIGLOTTIS	1552	MALIGNANT NEO LIVER NOS
1465	MAL NEO EPIGLOTTIS JUNCT	1560	MALIG NEO GALLBLADDER
1466	MAL NEO LAT OROPHARYNX	1561	MAL NEO EXTRAHEPAT DUCTS
1467	MAL NEO POST OROPHARYNX	1562	MAL NEO AMPULLA OF VATER
1468	MAL NEO OROPHARYNX NEC	1568	MALIG NEO BILIARY NEC
1469	MALIG NEO OROPHARYNX NOS	1569	MALIG NEO BILIARY NOS
1470	MAL NEO SUPER NASOPHARYNX	1570	MAL NEO PANCREAS HEAD
1471	MAL NEO POST NASOPHARYNX	1571	MAL NEO PANCREAS BODY
1472	MAL NEO LAT NASOPHARYNX	1572	MAL NEO PANCREAS TAIL
1473	MAL NEO ANT NASOPHARYNX	1573	MAL NEO PANCREATIC DUCT
1478	MAL NEO NASOPHARYNX NEC	1574	MAL NEO ISLET LANGERHANS
1479	MAL NEO NASOPHARYNX NOS	1578	MALIG NEO PANCREAS NEC
1480	MAL NEO POSTCRICOID	1579	MALIG NEO PANCREAS NOS
1481	MAL NEO PYRIFORM SINUS	1580	MAL NEO RETROPERITONEUM
1482	MAL NEO ARYEPIGLOTT FOLD	1588	MAL NEO PERITONEUM NEC
1483	MAL NEO POST HYPOPHARYNX	1589	MAL NEO PERITONEUM NOS
1488	MAL NEO HYPOPHARYNX NEC	1590	MALIG NEO INTESTINE NOS
1489	MAL NEO HYPOPHARYNX NOS	1591	MALIGNANT NEO SPLEEN NEC
1490	MAL NEO PHARYNX NOS	1598	MAL NEO GI/INTRA-ABD NEC
1491	MAL NEO WALDEYERS RING	1599	MAL NEO GI TRACT ILL-DEF
1498	MAL NEO ORAL/PHARYNX NEC	1600	MAL NEO NASAL CAVITIES
1499	MAL NEO OROPHRYN ILL-DEF	1601	MALIG NEO MIDDLE EAR
1500	MAL NEO CERVICAL ESOPHAG	1602	MAL NEO MAXILLARY SINUS
1501	MAL NEO THORACIC ESOPHAG	1603	MAL NEO ETHMOIDAL SINUS
1502	MAL NEO ABDOMIN ESOPHAG	1604	MALIG NEO FRONTAL SINUS
1503	MAL NEO UPPER 3RD ESOPH	1605	MAL NEO SPHENOID SINUS
1504	MAL NEO MIDDLE 3RD ESOPH	1608	MAL NEO ACCESS SINUS NEC
1505	MAL NEO LOWER 3RD ESOPH	1609	MAL NEO ACCESS SINUS NOS
1508	MAL NEO ESOPHAGUS NEC	1610	MALIGNANT NEO GLOTTIS
1509	MAL NEO ESOPHAGUS NOS	1611	MALIG NEO SUPRAGLOTTIS
1510	MAL NEO STOMACH CARDIA	1612	MALIG NEO SUBGLOTTIS
1511	MALIGNANT NEO PYLORUS	1613	MAL NEO CARTILAGE LARYNX
1512	MAL NEO PYLORIC ANTRUM	1618	MALIGNANT NEO LARYNX NEC

1619	MALIGNANT NEO LARYNX NOS	1761	SFT TISSUE - KPSIS SRCMA
1620	MALIGNANT NEO TRACHEA	1762	PALATE - KPSIS SARCOMA
1622	MALIG NEO MAIN BRONCHUS	1763	GI SITES - KPSIS SRCOMA
1623	MAL NEO UPPER LOBE LUNG	1764	LUNG - KAPOSIS SARCOMA
1624	MAL NEO MIDDLE LOBE LUNG	1765	LYM NDS - KPSIS SARCOMA
1625	MAL NEO LOWER LOBE LUNG	1768	SPF STS - KPSIS SARCOMA
1628	MAL NEO BRONCH/LUNG NEC	1769	KAPOSIS SARCOMA NOS
1629	MAL NEO BRONCH/LUNG NOS	179	MALIG NEOPL UTERUS NOS
1630	MAL NEO PARIETAL PLEURA	1800	MALIG NEO ENDOCERVIX
1631	MAL NEO VISCERAL PLEURA	1801	MALIG NEO EXOCERVIX
1638	MALIG NEOPL PLEURA NEC	1808	MALIG NEO CERVIX NEC
1639	MALIG NEOPL PLEURA NOS	1809	MAL NEO CERVIX UTERI NOS
1640	MALIGNANT NEOPL THYMUS	181	MALIGNANT NEOPL PLACENTA
1641	MALIGNANT NEOPL HEART	1820	MALIG NEO CORPUS UTERI
1642	MAL NEO ANT MEDIASTINUM	1821	MAL NEO UTERINE ISTHMUS
1643	MAL NEO POST MEDIASTINUM	1828	MAL NEO BODY UTERUS NEC
1648	MAL NEO MEDIASTINUM NEC	1830	MALIGN NEOPL OVARY
1649	MAL NEO MEDIASTINUM NOS	1832	MAL NEO FALLOPIAN TUBE
1650	MAL NEO UPPER RESP NOS	1833	MAL NEO BROAD LIGAMENT
1658	MAL NEO THORAX/RESP NEC	1834	MALIG NEO PARAMETRIUM
1659	MAL NEO RESP SYSTEM NOS	1835	MAL NEO ROUND LIGAMENT
1700	MAL NEO SKULL/FACE BONE	1838	MAL NEO ADNEXA NEC
1701	MALIGNANT NEO MANDIBLE	1839	MAL NEO ADNEXA NOS
1702	MALIG NEO VERTEBRAE	1840	MALIGN NEOPL VAGINA
1703	MAL NEO RIBS/STERN/CLAV	1841	MAL NEO LABIA MAJORA
1704	MAL NEO LONG BONES ARM	1842	MAL NEO LABIA MINORA
1705	MAL NEO BONES WRIST/HAND	1843	MALIGN NEOPL CLITORIS
1706	MAL NEO PELVIC GIRDLE	1844	MALIGN NEOPL VULVA NOS
1707	MAL NEO LONG BONES LEG	1848	MAL NEO FEMALE GENIT NEC
1708	MAL NEO BONES ANKLE/FOOT	1849	MAL NEO FEMALE GENIT NOS
1709	MALIG NEOPL BONE NOS	185	MALIGN NEOPL PROSTATE
1710	MAL NEO SOFT TISSUE HEAD	1860	MAL NEO UNDESCEND TESTIS
1712	MAL NEO SOFT TISSUE ARM	1869	MALIG NEO TESTIS NEC
1713	MAL NEO SOFT TISSUE LEG	1871	MALIGN NEOPL PREPUCE
1714	MAL NEO SOFT TIS THORAX	1872	MALIG NEO GLANS PENIS
1715	MAL NEO SOFT TIS ABDOMEN	1873	MALIG NEO PENIS BODY
1716	MAL NEO SOFT TIS PELVIS	1874	MALIG NEO PENIS NOS
1717	MAL NEOPL TRUNK NOS	1875	MALIG NEO EPIDIDYMIS
1718	MAL NEO SOFT TISSUE NEC	1876	MAL NEO SPERMATIC CORD
1719	MAL NEO SOFT TISSUE NOS	1877	MALIGN NEOPL SCROTUM
1720	MALIG MELANOMA LIP	1878	MAL NEO MALE GENITAL NEC
1721	MALIG MELANOMA EYELID	1879	MAL NEO MALE GENITAL NOS
1722	MALIG MELANOMA EAR	1880	MAL NEO BLADDER-TRIGONE
1723	MAL MELANOM FACE NEC NOS	1881	MAL NEO BLADDER-DOME
1724	MAL MELANOMA SCALP/NECK	1882	MAL NEO BLADDER-LATERAL
1725	MALIG MELANOMA TRUNK	1883	MAL NEO BLADDER-ANTERIOR
1726	MALIG MELANOMA ARM	1884	MAL NEO BLADDER-POST
1727	MALIG MELANOMA LEG	1885	MAL NEO BLADDER NECK
1728	MALIG MELANOMA SKIN NEC	1886	MAL NEO URETERIC ORIFICE
1729	MALIG MELANOMA SKIN NOS	1887	MALIG NEO URACHUS
1740	MALIG NEO NIPPLE	1888	MALIG NEO BLADDER NEC
1741	MAL NEO BREAST-CENTRAL	1889	MALIG NEO BLADDER NOS
1742	MAL NEO BREAST UP-INNER	1890	MALIG NEOPL KIDNEY
1743	MAL NEO BREAST LOW-INNER	1891	MALIG NEO RENAL PELVIS
1744	MAL NEO BREAST UP-OUTER	1892	MALIGN NEOPL URETER
1745	MAL NEO BREAST LOW-OUTER	1893	MALIGN NEOPL URETHRA
1746	MAL NEO BREAST-AXILLARY	1894	MAL NEO PARAURETHRAL
1748	MALIGN NEOPL BREAST NEC	1898	MAL NEO URINARY NEC
1749	MALIGN NEOPL BREAST NOS	1899	MAL NEO URINARY NOS
1750	MAL NEO MALE NIPPLE	1900	MALIGN NEOPL EYEBALL
1759	MAL NEO MALE BREAST NEC	1901	MALIGN NEOPL ORBIT
1760	SKIN - KAPOSIS SARCOMA	1902	MAL NEO LACRIMAL GLAND

1903	MAL NEO CONJUNCTIVA	1986	SECOND MALIG NEO OVARY
1904	MALIGN NEOPL CORNEA	1987	SECOND MALIG NEO ADRENAL
1905	MALIGN NEOPL RETINA	19881	SECOND MALIG NEO BREAST
1906	MALIGN NEOPL CHOROID	19882	SECOND MALIG NEO GENITAL
1907	MAL NEO LACRIMAL DUCT	19889	SECONDARY MALIG NEO NEC
1908	MALIGN NEOPL EYE NEC	1990	MALIG NEO DISSEMINATED
1909	MALIGN NEOPL EYE NOS	1991	MALIGNANT NEOPLASM NOS
1910	MALIGN NEOPL CEREBRUM	20100	HDGK PRG UNSP XTRNDL ORG
1911	MALIG NEO FRONTAL LOBE	20101	HODGKINS PARAGRAN HEAD
1912	MAL NEO TEMPORAL LOBE	20102	HODGKINS PARAGRAN THORAX
1913	MAL NEO PARIETAL LOBE	20103	HODGKINS PARAGRAN ABDOM
1914	MAL NEO OCCIPITAL LOBE	20104	HODGKINS PARAGRAN AXILLA
1915	MAL NEO CEREB VENTRICLE	20105	HODGKINS PARAGRAN INGUIN
1916	MAL NEO CEREBELLUM NOS	20106	HODGKINS PARAGRAN PELVIC
1917	MAL NEO BRAIN STEM	20107	HODGKINS PARAGRAN SPLEEN
1918	MALIG NEO BRAIN NEC	20108	HODGKINS PARAGRAN MULT
1919	MALIG NEO BRAIN NOS	20110	HDGK GRN UNSP XTRNDL ORG
1920	MAL NEO CRANIAL NERVES	20111	HODGKINS GRANULOM HEAD
1921	MAL NEO CEREBRAL MENING	20112	HODGKINS GRANULOM THORAX
1922	MAL NEO SPINAL CORD	20113	HODGKINS GRANULOM ABDOM
1923	MAL NEO SPINAL MENINGES	20114	HODGKINS GRANULOM AXILLA
1928	MAL NEO NERVOUS SYST NEC	20115	HODGKINS GRANULOM INGUIN
1929	MAL NEO NERVOUS SYST NOS	20116	HODGKINS GRANULOM PELVIC
193	MALIGN NEOPL THYROID	20117	HODGKINS GRANULOM SPLEEN
1940	MALIGN NEOPL ADRENAL	20118	HODGKINS GRANULOM MULT
1941	MALIG NEO PARATHYROID	20120	HDGK SRC UNSP XTRNDL ORG
1943	MALIG NEO PITUITARY	20121	HODGKINS SARCOMA HEAD
1944	MALIGN NEO PINEAL GLAND	20122	HODGKINS SARCOMA THORAX
1945	MAL NEO CAROTID BODY	20123	HODGKINS SARCOMA ABDOM
1946	MAL NEO PARAGANGLIA NEC	20124	HODGKINS SARCOMA AXILLA
1948	MAL NEO ENDOCRINE NEC	20125	HODGKINS SARCOMA INGUIN
1949	MAL NEO ENDOCRINE NOS	20126	HODGKINS SARCOMA PELVIC
1950	MAL NEO HEAD/FACE/NECK	20127	HODGKINS SARCOMA SPLEEN
1951	MALIGN NEOPL THORAX	20128	HODGKINS SARCOMA MULT
1952	MALIG NEO ABDOMEN	20140	LYM-HST UNSP XTRNDL ORGN
1953	MALIGN NEOPL PELVIS	20141	HODG LYMPH-HISTIO HEAD
1954	MALIGN NEOPL ARM	20142	HODG LYMPH-HISTIO THORAX
1955	MALIGN NEOPL LEG	20143	HODG LYMPH-HISTIO ABDOM
1958	MALIG NEO SITE NEC	20144	HODG LYMPH-HISTIO AXILLA
1960	MAL NEO LYMPH-HEAD/NECK	20145	HODG LYMPH-HISTIO INGUIN
1961	MAL NEO LYMPH-INTRATHOR	20146	HODG LYMPH-HISTIO PELVIC
1962	MAL NEO LYMPH INTRA-ABD	20147	HODG LYMPH-HISTIO SPLEEN
1963	MAL NEO LYMPH-AXILLA/ARM	20148	HODG LYMPH-HISTIO MULT
1965	MAL NEO LYMPH-INGUIN/LEG	20150	NDR SCLR UNSP XTRNDL ORG
1966	MAL NEO LYMPH-INTRAPELV	20151	HODG NODUL SCLERO HEAD
1968	MAL NEO LYMPH NODE-MULT	20152	HODG NODUL SCLERO THORAX
1969	MAL NEO LYMPH NODE NOS	20153	HODG NODUL SCLERO ABDOM
1970	SECONDARY MALIG NEO LUNG	20154	HODG NODUL SCLERO AXILLA
1971	SEC MAL NEO MEDIASTINUM	20155	HODG NODUL SCLERO INGUIN
1972	SECOND MALIG NEO PLEURA	20156	HODG NODUL SCLERO PELVIC
1973	SEC MALIG NEO RESP NEC	20157	HODG NODUL SCLERO SPLEEN
1974	SEC MALIG NEO SM BOWEL	20158	HODG NODUL SCLERO MULT
1975	SEC MALIG NEO LG BOWEL	20160	MXD CELR UNSP XTRNDL ORG
1976	SEC MAL NEO PERITONEUM	20161	HODGKINS MIX CELL HEAD
1977	SECOND MALIG NEO LIVER	20162	HODGKINS MIX CELL THORAX
1978	SEC MAL NEO GI NEC	20163	HODGKINS MIX CELL ABDOM
1980	SECOND MALIG NEO KIDNEY	20164	HODGKINS MIX CELL AXILLA
1981	SEC MALIG NEO URIN NEC	20165	HODGKINS MIX CELL INGUIN
1982	SECONDARY MALIG NEO SKIN	20166	HODGKINS MIX CELL PELVIC
1983	SEC MAL NEO BRAIN/SPINE	20167	HODGKINS MIX CELL SPLEEN
1984	SEC MALIG NEO NERVE NEC	20168	HODGKINS MIX CELL MULT
1985	SECONDARY MALIG NEO BONE	20170	LYM DPLT UNSP XTRNDL ORG

20171	HODG LYMPH DEPLET HEAD	20250	LTR-SIWE UNSP XTRNDL ORG
20172	HODG LYMPH DEPLET THORAX	20251	LETTERER-SIWE DIS HEAD
20173	HODG LYMPH DEPLET ABDOM	20252	LETTERER-SIWE DIS THORAX
20174	HODG LYMPH DEPLET AXILLA	20253	LETTERER-SIWE DIS ABDOM
20175	HODG LYMPH DEPLET INGUIN	20254	LETTERER-SIWE DIS AXILLA
20176	HODG LYMPH DEPLET PELVIC	20255	LETTERER-SIWE DIS INGUIN
20177	HODG LYMPH DEPLET SPLEEN	20256	LETTERER-SIWE DIS PELVIC
20178	HODG LYMPH DEPLET MULT	20257	LETTERER-SIWE DIS SPLEEN
20190	HODGK DIS UNSP XTRNDL ORG	20258	LETTERER-SIWE DIS MULT
20191	HODGKINS DIS NOS HEAD	20260	MLG MAST UNSP XTRNDL ORG
20192	HODGKINS DIS NOS THORAX	20261	MAL MASTOCYTOSIS HEAD
20193	HODGKINS DIS NOS ABDOM	20262	MAL MASTOCYTOSIS THORAX
20194	HODGKINS DIS NOS AXILLA	20263	MAL MASTOCYTOSIS ABDOM
20195	HODGKINS DIS NOS INGUIN	20264	MAL MASTOCYTOSIS AXILLA
20196	HODGKINS DIS NOS PELVIC	20265	MAL MASTOCYTOSIS INGUIN
20197	HODGKINS DIS NOS SPLEEN	20266	MAL MASTOCYTOSIS PELVIC
20198	HODGKINS DIS NOS MULT	20267	MAL MASTOCYTOSIS SPLEEN
20200	NDLR LYM UNSP XTRNDL ORG	20268	MAL MASTOCYTOSIS MULT
20201	NODULAR LYMPHOMA HEAD	20280	OTH LYMP UNSP XTRNDL ORG
20202	NODULAR LYMPHOMA THORAX	20281	LYMPHOMAS NEC HEAD
20203	NODULAR LYMPHOMA ABDOM	20282	LYMPHOMAS NEC THORAX
20204	NODULAR LYMPHOMA AXILLA	20283	LYMPHOMAS NEC ABDOM
20205	NODULAR LYMPHOMA INGUIN	20284	LYMPHOMAS NEC AXILLA
20206	NODULAR LYMPHOMA PELVIC	20285	LYMPHOMAS NEC INGUIN
20207	NODULAR LYMPHOMA SPLEEN	20286	LYMPHOMAS NEC PELVIC
20208	NODULAR LYMPHOMA MULT	20287	LYMPHOMAS NEC SPLEEN
20210	MYCS FNG UNSP XTRNDL ORG	20288	LYMPHOMAS NEC MULT
20211	MYCOSIS FUNGOIDES HEAD	20290	UNSP LYM UNSP XTRNDL ORG
20212	MYCOSIS FUNGOIDES THORAX	20291	LYMPHOID MAL NEC HEAD
20213	MYCOSIS FUNGOIDES ABDOM	20292	LYMPHOID MAL NEC THORAX
20214	MYCOSIS FUNGOIDES AXILLA	20293	LYMPHOID MAL NEC ABDOM
20215	MYCOSIS FUNGOIDES INGUIN	20294	LYMPHOID MAL NEC AXILLA
20216	MYCOSIS FUNGOIDES PELVIC	20295	LYMPHOID MAL NEC INGUIN
20217	MYCOSIS FUNGOIDES SPLEEN	20296	LYMPHOID MAL NEC PELVIC
20218	MYCOSIS FUNGOIDES MULT	20297	LYMPHOID MAL NEC SPLEEN
20220	SZRY DIS UNSP XTRNDL ORG	20298	LYMPHOID MAL NEC MULT
20221	SEZARYS DISEASE HEAD	2030	MULTIPLE MYELOMA
20222	SEZARYS DISEASE THORAX	20300	MULT MYELM W/O REMISSION
20223	SEZARYS DISEASE ABDOM	20301	MULT MYELM W REMISSION
20224	SEZARYS DISEASE AXILLA	2031	PLASMA CELL LEUKEMIA
20225	SEZARYS DISEASE INGUIN	20310	PLSM CELL LEUK W/O RMSON
20226	SEZARYS DISEASE PELVIC	20311	PLSM CELL LEUK W RMSON
20227	SEZARYS DISEASE SPLEEN	2038	IMMUNOPROLIFERAT NEO NEC
20228	SEZARYS DISEASE MULT	20380	OTH IMNPRFL NPL W/O RMSN
20230	MLG HIST UNSP XTRNDL ORG	20381	OTH IMNPRFL NPL W RMSN
20231	MAL HISTIOCYTOSIS HEAD	2040	ACUTE LYMPHOID LEUKEMIA
20232	MAL HISTIOCYTOSIS THORAX	20400	ACT LYM LEUK W/O RMSION
20233	MAL HISTIOCYTOSIS ABDOM	20401	ACT LYM LEUK W RMSION
20234	MAL HISTIOCYTOSIS AXILLA	2041	CHR LYMPHOID LEUKEMIA
20235	MAL HISTIOCYTOSIS INGUIN	20410	CHR LYM LEUK W/O RMSION
20236	MAL HISTIOCYTOSIS PELVIC	20411	CHR LYM LEUK W RMSION
20237	MAL HISTIOCYTOSIS SPLEEN	2042	SUBAC LYMPHOID LEUKEMIA
20238	MAL HISTIOCYTOSIS MULT	20420	SBAC LYM LEUK W/O RMSION
20240	LK RTCTL UNSP XTRNDL ORG	20421	SBAC LYM LEUK W RMSION
20241	HAIRY-CELL LEUKEM HEAD	2048	LYMPHOID LEUKEMIA NEC
20242	HAIRY-CELL LEUKEM THORAX	20480	OTH LYM LEUK W/O RMSION
20243	HAIRY-CELL LEUKEM ABDOM	20481	OTH LYM LEUK W RMSION
20244	HAIRY-CELL LEUKEM AXILLA	2049	LYMPHOID LEUKEMIA NOS
20245	HAIRY-CELL LEUKEM INGUIN	20490	UNS LYM LEUK W/O RMSION
20246	HAIRY-CELL LEUKEM PELVIC	20491	UNS LYM LEUK W RMSION
20247	HAIRY-CELL LEUKEM SPLEEN	2386	NEOPLASM OF UNCERTAIN BEHAVIOR
20248	HAIRY-CELL LEUKEM MULT		OF OTHER AND UNSPECIFIED SITES

2733 AND TISSUES, PLASMA CELLS
DISORDERS OF PLASMA PROTEIN

METABOLISM-MACROGLOBULINEMIA

Intermediate Risk Group

Intermediate-risk disorders: Cystic fibrosis, Hemophilia, Intermediate-risk immunodeficient patients (lupus and rare autoimmune diseases), specified renal disease, hepatic failure, cachexia, and spleen disorders

Cystic fibrosis codes

27700	CYSTIC FIBROS W/O ILEUS
27701	CYSTIC FIBROSIS W ILEUS
27702	CYSTIC FIBROS W PUL MAN
27703	CYSTIC FIBROSIS W GI MAN
27709	CYSTIC FIBROSIS NEC

Hemophilia and congenital clotting disorders

2860	CONGENITAL FACTOR VIII DISORDER	2863	CONGENITAL DEFICIENCY OF OTHER CLOTTING FACTORS
2861	CONGENITAL FACTOR IX DISORDER		
2862	CONGENITAL FACTOR XI DISORDER	2864	VON WILLEBRAND'S DISEASE

Lupus and rare autoimmune diseases:

7100	SYSTEMIC LUPUS ERYTHEMATOSUS	7108	OTHER SPECIFIED DIFFUSE DISEASES OF CONNECTIVE TISSUE
7101	SYSTEMIC SCLEROSIS		
7102	SICCA SYNDROME	7109	UNSPECIFIED DIFFUSE CONNECTIVE TISSUE DISEASE
7103	DERMATOMYOSITIS		
7104	POLYMYOSITIS		
7105	EOSINOPHILIA MYALGIA SYNDROME		

Specified renal disease:

580	ACUTE GLOMERULONEPHRITIS	583	NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC
581	NEPHROTIC SYNDROME		
582	CHRONIC GLOMERULONEPHRITIS		

Hepatic failure:

07022	VIRAL HEPATITIS B WITH HEPATIC COMA, CHRONIC, WITHOUT MENTION OF HEPATITIS DELTA	5723	PORTAL HYPERTENSION
		5728	OTHER SEQUELAE OF CHRONIC LIVER DISEASE
07023	VIRAL HEPATITIS B WITH HEPATIC COMA, CHRONIC, WITH MENTION OF HEPATITIS DELTA	V427	LIVER TRANSPLANT
		5722	HEPATIC COMA (WHEN ACCOMPANIED BY 5712, 5715 OR 5716 (CIRRHOSIS))
07044	CHRONIC HEPATITIS C WITH HEPATIC COMA	5724	HEPATORENAL SYNDROME (WHEN ACCOMPANIED BY 5712, 5715 OR 5716 (CIRRHOSIS))
4560	ESOPHAGEAL VARICES WITH BLEEDING		
4561	ESOPHAGEAL VARICES WITHOUT MENTION OF BLEEDING		
4562	ESOPHAGEAL VARIANCES IN DISEASES CLASSIFIED ELSEWHERE		

Moderate malnutrition:

7994	CACHEXIA
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Spleen disorders:

7590 ANOMALIES OF SPLEEN
2894 HYPERSPLENISM

2895 OTHER DISEASES OF SPLEEN
865 INJURY TO SPLEEN

Low risk group: All other patients.

2.0 Pediatric Quality 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.

2.1 Provider Level Indicators

2.1.1 Accidental Puncture or Laceration (PDI 1)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator 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 under age 18 defined by specific DRGs.

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

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

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)
- normal newborn (DRG 391)
- newborns with birth weight less than 500 grams

See [Appendix G: Low Birth Weight Categories](#)

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

2.1.2 Decubitus Ulcer (PDI 2)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator 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 OCT04-
 70701 DECUBITUS ULCER, ELBOW OCT04-
 70702 DECUBITUS ULCER, UP BACK OCT04-
 70703 DECUBITUS ULCER, LOW BACK OCT04-
 70704 DECUBITUS ULCER, HIP OCT04-
 70705 DECUBITUS ULCER, BUTTOCK OCT04-
 70706 DECUBITUS ULCER, ANKLE OCT04-
 70707 DECUBITUS ULCER, HEEL OCT04-
 70709 DECUBITUS ULCER, SITE NEC OCT04-

*No longer valid in FY2005

Denominator:

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

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

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

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

Exclude cases:

- neonates
- with length of stay of less than 5 days
- with ICD-9-CM code of decubitus ulcer (see Numerator) in the principal diagnosis field
- in MDC 9 (Skin, Subcutaneous Tissue, and Breast) or MDC 14 (Pregnancy, Childbirth and the Puerperium)
- 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)
- with an ICD-9-CM procedure code of debridement or pedicle graft as the only major operating room procedure (surgical cases only)
- admitted from a long-term care (SID ASOURCE=3) or acute care facility (SID ASOURCE=2)
- MDC 14 (pregnancy, childbirth, and puerperium)

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

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

ICD-9-CM procedure code for debridement or pedicle graft

8345	OTHER MYECTOMY	8671	CUT & PREP PEDICLE GRAFT
8622	EXC WOUND DEBRIDEMENT	8672	PEDICLE GRAFT ADVANCEMEN
8628	NONEXCIS DEBRIDEMENT WND	8674	ATTACH PEDICLE GRAFT NEC
8670	PEDICLE GRAFT/FLAP NOS	8675	REVISION OF PEDICLE GRFT

2.1.3 Foreign Body Left During Procedure (PDI 3)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator 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 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 under age 18 defined by specific DRGs

Surgical and Medical Discharge DRGs:

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

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

Exclude cases:

- with ICD-9-CM codes for foreign body left in during procedure in the principal diagnosis field
- normal newborn (DRG 391)
- newborns weighing less than 500 grams
- MDC 14 (pregnancy, childbirth, and puerperium)

See [Appendix G: Low Birth Weight Categories](#)

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

2.1.4 Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM code of 512.1 in any secondary diagnosis field.

Denominator:

All surgical and medical discharges under age 18 defined by specific DRGs

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

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

PDI 4 (only)

Include cases:

- neonates with birth weight less than 2500 grams

Exclude cases:

- neonates with birth weight less than 500 grams

PDI 5 (only)

Exclude cases:

- neonates with birth weight less than 2500 grams

See [Appendix G: Low Birth Weight Categories](#)

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

Both

Exclude cases:

- with ICD-9-CM code of 512.1 in the principal diagnosis field
- with diagnosis code of chest trauma or pleural effusion
- with an ICD-9-CM procedure code of thoracic surgery, lung or pleural biopsy or diaphragmatic surgery repair or assigned to a cardiac surgery DRG
- normal newborn (DRG 391)
- MDC 14 (pregnancy, childbirth, and puerperium)

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	INTRATHORACIC INJ NEC-OPEN
80707	FRACTURE SEVEN RIBS-CLOS	8628	INTRATHORACIC INJ NOS-CL
80708	FX EIGHT/MORE RIB-CLOSED	8629	INTRATHORACIC 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

2.1.4 Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5)

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
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	TUBRCULOUS PNEUMOTHORAX
01170	TUBRCULOUS 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	TPENU, 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

2.1.4 Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5)

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
 3223 OPEN ABLTN LUNG LES/TISS OCT06-
 3224 PERC ABLTN LUNG LES/TISS OCT06-
 3225 THOR ABLTN LUNG LES/TISS OCT06-
 3226 ABLTN LUNG TISS NEC/NOS OCT06-

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
 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

2.1.4 Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5)

- 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
- 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
- 537 ABD REPAIR-DIAPHR HERNIA
- 5380 THOR REP-DIAPH HERN NOS
- 5381 DIAPHRAGMATIC PPLICATION
- 5382 PARASTERN HERNIA REPAIR

Operations on thoracic duct:

- 4061 CANNULATION OF THORACIC DUCT
- 4062 FISTULIZATION OF THORACIC DUCT
- 4063 CLOSURE OF FISTULA OF THORACIC DUCT

2.1.4 Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5)

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
 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

2.1.4 Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5)

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 OCT05-
 548 CORONARY BYPASS W CARDIAC CATH W/O MAJOR CV DX OCT05-
 549 CORONARY BYPASS W/O CARDIAC CATH W MAJOR CV DX OCT05-
 550 CORONARY BYPASS W/O CARDIAC CATH W/O MAJOR CV DX OCT05-

2.1.5 Pediatric Heart Surgery Mortality (PDI 6)			
Numerator:			
Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator with a code of pediatric heart surgery in any procedure field with ICD-9-CM diagnosis of congenital heart disease in any field.			
Denominator:			
Discharges under age 18 with ICD-9-CM procedure codes for congenital heart disease (1P) in any field or non-specific heart surgery (2P) in any field with ICD-9-CM diagnosis of congenital heart disease (2D) in any field.			
Congenital heart disease procedures (1P)			
3500	CLOSED VALVOTOMY NOS	3552	PROS REPAIR ATRIA DEF-CL
3501	CLOSED AORTIC VALVOTOMY	3553	PROST REPAIR VENTRIC DEF
3502	CLOSED MITRAL VALVOTOMY	3554	PROS REP ENDOCAR CUSHION
3503	CLOSED PULMON VALVOTOMY	3560	GRFT REPAIR HRT SEPT NOS
3504	CLOSED TRICUSP VALVOTOMY	3561	GRAFT REPAIR ATRIAL DEF
3510	OPEN VALVULOPLASTY NOS	3562	GRAFT REPAIR VENTRIC DEF
3511	OPN AORTIC VALVULOPLASTY	3563	GRFT REP ENDOCAR CUSHION
3512	OPN MITRAL VALVULOPLASTY	3570	HEART SEPTA REPAIR NOS
3513	OPN PULMON VALVULOPLASTY	3571	ATRIA SEPTA DEF REP NEC
3514	OPN TRICUS VALVULOPLASTY	3572	VENTR SEPTA DEF REP NEC
3520	REPLACE HEART VALVE NOS	3573	ENDOCAR CUSHION REP NEC
3521	REPLACE AORT VALV-TISSUE	3581	TOT REPAIR TETRAL FALLOT
3522	REPLACE AORTIC VALVE NEC	3582	TOTAL REPAIR OF TAPVC
3523	REPLACE MITR VALV-TISSUE	3583	TOT REP TRUNCUS ARTERIOS
3524	REPLACE MITRAL VALVE NEC	3584	TOT COR TRANSPOS GRT VES
3525	REPLACE PULM VALV-TISSUE	3591	INTERAT VEN RETRNR TRANSP
3526	REPLACE PULMON VALVE NEC	3592	CONDUIT RT VENT-PUL ART
3527	REPLACE TRIC VALV-TISSUE	3593	CONDUIT LEFT VENTR-AORTA
3528	REPLACE TRICUSP VALV NEC	3594	CONDUIT ARTIUM-PULM ART
3531	PAPILLARY MUSCLE OPS	3595	HEART REPAIR REVISION
3532	CHORDAE TENDINEAE OPS	3598	OTHER HEART SEPTA OPS
3533	ANNULOPLASTY	3599	OTHER OP ON HRT VALVES
3534	INFUNDIBULECTOMY	3699	OTHER OPERATIONS ON VESSEL OF HEART
3535	TRABECUL CARNEAE CORD OP	3733	EXCISION OR DESTRUCTION OF OTHER LESION OR TISSUE OF HEART
3539	TISS ADJ TO VALV OPS NEC	375	HEART TRANSPLANTATION (invalid as of OCT03)
3541	ENLARGE EXISTING SEP DEF	3751	HEART TRANSPLANTATION OCT03-
3542	CREATE SEPTAL DEFECT	3752	IMPLANT TOT REP HRT SYS OCT03-
3550	PROSTH REP HRT SEPTA NOS	390	SYSTEMIC-PULM ART SHUNT
3551	PROS REP ATRIAL DEF-OPN	3921	CAVAL-PULMON ART ANASTOM
Congenital heart disease diagnoses (2D)			
7450	COMMON TRUNCUS	7465	CONGEN MITRAL STENOSIS
74510	COMPL TRANSPOS GREAT VES	7466	CONG MITRAL INSUFFICIENC

2.1.5 Pediatric Heart Surgery Mortality (PDI 6)			
74511	DOUBLE OUTLET RT VENTRIC	7467	HYPOPLAS LEFT HEART SYND
74512	CORRECT TRANSPOS GRT VES	74681	CONG SUBAORTIC STENOSIS
74519	TRANSPOS GREAT VESS NEC	74682	COR TRIATRIATUM
7452	TETRALOGY OF FALLOT	74683	INFUNDIB PULMON STENOSIS
7453	COMMON VENTRICLE	74684	OBSTRUCT HEART ANOM NEC
7454	VENTRICULAR SEPT DEFECT	74685	CORONARY ARTERY ANOMALY
7455	SECUNDUM ATRIAL SEPT DEF	74687	MALPOSITION OF HEART
74560	ENDOCARD CUSHION DEF NOS	74689	CONG HEART ANOMALY NEC
74561	OSTIUM PRIMUM DEFECT	7469	CONG HEART ANOMALY NOS
74569	ENDOCARD CUSHION DEF NEC	7470	PATENT DUCTUS ARTERIOSUS
7457	COR BILOCULARE	74710	COARCTATION OF AORTA
7458	SEPTAL CLOSURE ANOM NEC	74711	INTERRUPT OF AORTIC ARCH
7459	SEPTAL CLOSURE ANOM NOS	74720	CONG ANOM OF AORTA NOS
74600	PULMONARY VALVE ANOM NOS	74721	ANOMALIES OF AORTIC ARCH
74601	CONG PULMON VALV ATRESIA	74722	AORTIC ATRESIA/STENOSIS
74602	CONG PULMON VALVE STENOS	74729	CONG ANOM OF AORTA NEC
74609	PULMONARY VALVE ANOM NEC	7473	PULMONARY ARTERY ANOM
7461	CONG TRICUSP ATRES/STEN	74740	GREAT VEIN ANOMALY NOS
7462	EBSTEIN'S ANOMALY	74741	TOT ANOM PULM VEN CONN
7463	CONG AORTA VALV STENOSIS	74742	PART ANOM PULM VEN CONN
7464	CONG AORTA VALV INSUFFIC	74749	GREAT VEIN ANOMALY NEC
Non-specific cardiac procedures (2P)			
3834	RESECTION OF ABDOMINAL AORTA WITH ANASTOMOSIS	3885	OCCLUDE THORACIC VES NEC
3835	THOR VESSEL RESECT/ANAST	3949	OTHER REVISION OF VASCULAR PROCEDURE
3844	RESECTION OF ABDOMINAL AORTA WITH REPLACEMENT	3956	REPAIR OF BLOOD VESSEL WITH TISSUE PATCH GRAFT
3845	RESECT THORAC VES W REPL	3957	REPAIR OF BLOOD VESSEL WITH SYNTHETIC PATCH GRAFT
3864	OTHER EXCISION OF ABDOMINAL AORTA	3958	REPAIR OF BLOOD VESSEL WITH UNSPECIFIED TYPE OF PATCH GRAFT
3865	OTHER EXCISION OF THORACIC VESSEL	3959	REPAIR OF VESSEL NEC
3884	OTHER SURGICAL OCCLUSION OF ABDOMINAL AORTA		
Exclude cases:			
<ul style="list-style-type: none"> • MDC 14 (pregnancy, childbirth and puerperium) • with transcatheter interventions (either 3AP, 3BP, 3CP, 3DP, 3EP with 3D, or 3FP) as single cardiac procedures, performed without bypass (5P) but with catheterization (6P); • with septal defects (4P) as single cardiac procedures without bypass (5P) • heart transplant (7P) • premature infants (4D) with PDA closure (3D and 3EP) as only cardiac procedure; • age less than or equal to 30 days with PDA closure as only cardiac procedure • missing discharge disposition (DISP=missing) • transferring to another short-term hospital (DISP=2) • neonates with birth weight less than 500 grams 			

2.1.5 Pediatric Heart Surgery Mortality (PDI 6)			
Transcatheter interventions procedure codes:			
Closed heart valvotomy (3AP)			
3500	CLOSED HEART VALVOTOMY, UNSPECIFIED VALUE		
3501	CLOSED HEART VALVOTOMY, AORTIC VALUE		
3502	CLOSED HEART VALVOTOMY, MITRAL VALUE		
3503	CLOSED HEART VALVOTOMY, PULMONARY VALUE		
3504	CLOSED HEART VALVOTOMY, TRICUSPID VALUE		
Atrial septal enlargement (3BP)			
3541	ENLARGEMENT OF EXISTING ATRIAL SEPTAL DEFECT		
3542	CREATION OF SEPTAL DEFECT IN HEART		
Atrial septal defect repair (3CP)			
3551	REPAIR OF ATIAL SEPTAL DEFECT WITH PROSTHESIS, OPEN TECHNIQUE		
3571	OTHER AND UNSPECIFIED REPAIR OF ATRIAL SEPTAL DEFECT		
Ventricular septal defect repair (3DP)			
3553	REPAIR OF VENTRICULAR SEPTAL DEFECT WITH PROSTHESIS		
3572	OTHER AND UNSPECIFIED REPAIR OF VENTRICULAR SEPTAL DEFECT		
Occlusion of thoracic vessel (3EP)			
3885	OCCLUDE THORACIC VES NEC		
PDA closure diagnosis code (3D)			
7470	PATENT DUCTUS ARTERIOSUS		
Other surgical occlusion (3FP)			
3884	OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL		
3885	OTHER SURGICAL OCCLUSION OF THORACIC VESSEL		
3959	OTHER REPAIR OF VESSEL		
Atrial septal defect repair and enlargement (4P)			
3541	ENLARGE EXISTING SEP DEF		
3552	PROS REPAIR ATRIA DEF-CL		
Extracorporeal circulation (5P)			
3961	EXTRACORPOREAL CIRCULAT		
Catheterization (6P)			
3721	RT HEART CARDIAC CATH	8852	ANGIOCADIOGRAPHY OF RIGHT HEART STRUCTURES
3722	LEFT HEART CARDIAC CATH	8853	ANGIOCADIOGRAPHY OF LEFT HEART STRUCTURES
3723	RT/LEFT HEART CARD CATH	8854	COMBINED RIGHT AND LEFT HEART

2.1.5 Pediatric Heart Surgery Mortality (PDI 6)			
8842	CONTRAST AORTOGRAM	8855	ANGIOCARDIOGRAPHY
8843	CONTR PULMON ARTERIOGRAM	8856	CORONARY ARTERIOGRAPHY USING A SINGLE CATHETER
8844	ARTERIOGRAPHY OF OTHER INTRATHORACIC VESSELS	8857	CORONARY ARTERIOGRAPHY USING TWO CATHETERS
8850	ANGIOCARDIOGRAPHY, NOT OTHERWISE SPECIFIED	8858	OTHER AND UNSPECIFIED CORONARY ARTERIOGRAPHY
8851	ANGIOCARDIOGRAPHY OF VENAE CAVAE		NEGATIVE-CONTRAST CARDIAC ROENTGENOGRAPHY
Heart Transplant (7P)			
375	HEART TRANSPLANTATION (invalid as of OCT03)		
3751	HEART TRANSPLANTATION OCT03-		
3752	IMPLANT TOT REP HRT SYS OCT03-		
Premature infants (4D)			
76500	EXTREME IMMATUR WTNOS	76510	PRETERM INFANT NEC WTNOS
76501	EXTREME IMMATUR <500G	76511	PRETERM NEC <500G
76502	EXTREME IMMATUR 500-749G	76512	PRETERM NEC 500-749G
76503	EXTREME IMMATUR 750-999G	76513	PRETERM NEC 750-999G
76504	EXTREME IMMAT 1000-1249G	76514	PRETERM NEC 1000-1249G
76505	EXTREME IMMAT 1250-1499G	76515	PRETERM NEC 1250-1499G
76506	EXTREME IMMAT 1500-1749G	76516	PRETERM NEC 1500-1749G
76507	EXTREME IMMAT 1750-1999G	76517	PRETERM NEC 1750-1999G
76508	EXTREME IMMAT 2000-2499G	76518	PRETERM NEC 2000-2499G
76509	EXTREME IMMAT 2500+G	76519	PRETERM NEC 2500+G

2.1.6 Pediatric Heart Surgery Volume (PDI 7)			
Numerator:			
Discharges under age 18 with ICD-9-CM procedure codes for either congenital heart disease (1P) in any field or non-specific heart surgery (2P) in any field with ICD-9-CM diagnosis of congenital heart disease (2D) in any field.			
Congenital heart disease procedures (1P)			
3500	CLOSED VALVOTOMY NOS	3552	PROS REPAIR ATRIA DEF-CL
3501	CLOSED AORTIC VALVOTOMY	3553	PROST REPAIR VENTRIC DEF
3502	CLOSED MITRAL VALVOTOMY	3554	PROS REP ENDOCAR CUSHION
3503	CLOSED PULMON VALVOTOMY	3560	GRFT REPAIR HRT SEPT NOS
3504	CLOSED TRICUSP VALVOTOMY	3561	GRAFT REPAIR ATRIAL DEF
3510	OPEN VALVULOPLASTY NOS	3562	GRAFT REPAIR VENTRIC DEF
3511	OPN AORTIC VALVULOPLASTY	3563	GRFT REP ENDOCAR CUSHION
3512	OPN MITRAL VALVULOPLASTY	3570	HEART SEPTA REPAIR NOS
3513	OPN PULMON VALVULOPLASTY	3571	ATRIA SEPTA DEF REP NEC
3514	OPN TRICUS VALVULOPLASTY	3572	VENTR SEPTA DEF REP NEC
3520	REPLACE HEART VALVE NOS	3573	ENDOCAR CUSHION REP NEC
3521	REPLACE AORT VALV-TISSUE	3581	TOT REPAIR TETRAL FALLOT
3522	REPLACE AORTIC VALVE NEC	3582	TOTAL REPAIR OF TAPVC
3523	REPLACE MITR VALV-TISSUE	3583	TOT REP TRUNCUS ARTERIOS
3524	REPLACE MITRAL VALVE NEC	3584	TOT COR TRANSPOS GRT VES
3525	REPLACE PULM VALV-TISSUE	3591	INTERAT VEN RETRN TRANSP

2.1.6 Pediatric Heart Surgery Volume (PDI 7)			
3526	REPLACE PULMON VALVE NEC	3592	CONDUIT RT VENT-PUL ART
3527	REPLACE TRIC VALV-TISSUE	3593	CONDUIT LEFT VENTR-AORTA
3528	REPLACE TRICUSP VALV NEC	3594	CONDUIT ARTIUM-PULM ART
3531	PAPILLARY MUSCLE OPS	3595	HEART REPAIR REVISION
3532	CHORDAE TENDINEAE OPS	3598	OTHER HEART SEPTA OPS
3533	ANNULOPLASTY	3599	OTHER OP ON HRT VALVES
3534	INFUNDIBULECTOMY	3699	OTHER OPERATIONS ON VESSEL OF HEART
3535	TRABECUL CARNEAE CORD OP	3733	EXCISION OR DESTRUCTION OF OTHER LESION OR TISSUE OF HEART
3539	TISS ADJ TO VALV OPS NEC	375	HEART TRANSPLANTATION (invalid as of OCT 03)
3541	ENLARGE EXISTING SEP DEF	3751	HEART TRANSPLANTATION OCT03-
3542	CREATE SEPTAL DEFECT	3752	IMPLANT TOT REP HRT SYS OCT03-
3550	PROSTH REP HRT SEPTA NOS	390	SYSTEMIC-PULM ART SHUNT
3551	PROS REP ATRIAL DEF-OPN	3921	CAVAL-PULMON ART ANASTOM
Non-specific cardiac procedures (2P)			
3834	RESECTION OF ABDOMINAL AORTA WITH ANASTOMOSIS	3885	OCCLUDE THORACIC VES NEC
3835	THOR VESSEL RESECT/ANAST	3949	OTHER REVISION OF VASCULAR PROCEDURE
3844	RESECTION OF ABDOMINAL AORTA WITH REPLACEMENT	3956	REPAIR OF BLOOD VESSEL WITH TISSUE PATCH GRAFT
3845	RESECT THORAC VES W REPL	3957	REPAIR OF BLOOD VESSEL WITH SYNTHETIC PATCH GRAFT
3864	OTHER EXCISION OF ABDOMINAL AORTA	3958	REPAIR OF BLOOD VESSEL WITH UNSPECIFIED TYPE OF PATCH GRAFT
3865	OTHER EXCISION OF THORACIC VESSEL	3959	REPAIR OF VESSEL NEC
3884	OTHER SURGICAL OCCLUSION OF ABDOMINAL AORTA		
Congenital heart disease diagnoses (2D)			
7450	COMMON TRUNCUS	7465	CONGEN MITRAL STENOSIS
74510	COMPL TRANSPOS GREAT VES	7466	CONG MITRAL INSUFFICIENC
74511	DOUBLE OUTLET RT VENTRIC	7467	HYOPLAS LEFT HEART SYND
74512	CORRECT TRANSPOS GRT VES	74681	CONG SUBAORTIC STENOSIS
74519	TRANSPOS GREAT VESS NEC	74682	COR TRIARIATUM
7452	TETRALOGY OF FALLOT	74683	INFUNDIB PULMON STENOSIS
7453	COMMON VENTRICLE	74684	OBSTRUCT HEART ANOM NEC
7454	VENTRICULAR SEPT DEFECT	74685	CORONARY ARTERY ANOMALY
7455	SECUNDUM ATRIAL SEPT DEF	74687	MALPOSITION OF HEART
74560	ENDOCARD CUSHION DEF NOS	74689	CONG HEART ANOMALY NEC
74561	OSTIUM PRIMUM DEFECT	7469	CONG HEART ANOMALY NOS
74569	ENDOCARD CUSHION DEF NEC	7470	PATENT DUCTUS ARTERIOSUS
7457	COR BILOCULARE	74710	COARCTATION OF AORTA
7458	SEPTAL CLOSURE ANOM NEC	74711	INTERRUPT OF AORTIC ARCH
7459	SEPTAL CLOSURE ANOM NOS	74720	CONG ANOM OF AORTA NOS
74600	PULMONARY VALVE ANOM NOS	74721	ANOMALIES OF AORTIC ARCH
74601	CONG PULMON VALV ATRESIA	74722	AORTIC ATRESIA/STENOSIS
74602	CONG PULMON VALVE STENOS	74729	CONG ANOM OF AORTA NEC
74609	PULMONARY VALVE ANOM NEC	7473	PULMONARY ARTERY ANOM
7461	CONG TRICUSP ATRES/STEN	74740	GREAT VEIN ANOMALY NOS
7462	EBSTEIN'S ANOMALY	74741	TOT ANOM PULM VEN CONNEX
7463	CONG AORTA VALV STENOSIS	74742	PART ANOM PULM VEN CONN
7464	CONG AORTA VALV INSUFFIC	74749	GREAT VEIN ANOMALY NEC

2.1.6 Pediatric Heart Surgery Volume (PDI 7)

Exclude cases:

- MDC 14 (pregnancy, childbirth and puerperium);
- with transcatheter interventions (either 3AP, 3BP, 3CP, 3DP, 3EP with 3D, or 3FP) as single cardiac procedures, performed without bypass (5P) but with catheterization (6P)
- with septal defects (4P) as single cardiac procedures without bypass (5P)

Transcatheter interventions procedure codes:

Closed heart valvotomy (3AP)

3500	CLOSED HEART VALVOTOMY, UNSPECIFIED VALUE
3501	CLOSED HEART VALVOTOMY, AORTIC VALUE
3502	CLOSED HEART VALVOTOMY, MITRAL VALUE
3503	CLOSED HEART VALVOTOMY, PULMONARY VALUE
3504	CLOSED HEART VALVOTOMY, TRICUSPID VALUE

Atrial septal enlargement (3BP)

3541	ENLARGEMENT OF EXISTING ATRIAL SEPTAL DEFECT
3542	CREATION OF SEPTAL DEFECT IN HEART

Atrial septal defect repair (3CP)

3551	REPAIR OF ATRIAL SEPTAL DEFECT WITH PROSTHESIS, OPEN TECHNIQUE
3571	OTHER AND UNSPECIFIED REPAIR OF ATRIAL SEPTAL DEFECT

Ventricular septal defect repair (3DP)

3553	REPAIR OF VENTRICULAR SEPTAL DEFECT WITH PROSTHESIS
3572	OTHER AND UNSPECIFIED REPAIR OF VENTRICULAR SEPTAL DEFECT

Occlusion of thoracic vessel (3EP)

3885	OCCLUDE THORACIC VESSEL
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PDA closure diagnosis code (3D)

7470	PATENT DUCTUS ARTERIOSUS
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Other surgical occlusion (3FP)

3884	OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL
3885	OTHER SURGICAL OCCLUSION OF THORACIC VESSEL
3959	OTHER REPAIR OF VESSEL

Atrial septal defect repair and enlargement (4P)

3541	ENLARGE EXISTING SEP DEF
3552	PROS REPAIR ATRIAL DEF-CL

Extracorporeal circulation (bypass) (5P)

3961	EXTRACORPOREAL CIRCULATION
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2.1.6 Pediatric Heart Surgery Volume (PDI 7)			
Catheterization (6P)			
3721	RT HEART CARDIAC CATH	8852	ANGIOCARDIOGRAPHY OF RIGHT HEART STRUCTURES
3722	LEFT HEART CARDIAC CATH	8853	ANGIOCARDIOGRAPHY OF LEFT HEART STRUCTURES
3723	RT/LEFT HEART CARD CATH	8854	COMBINED RIGHT AND LEFT HEART ANGIOCARDIOGRAPHY
8842	CONTRAST AORTOGRAM	8855	CORONARY ARTERIOGRAPHY USING A SINGLE CATHETER
8843	CONTR PULMON ARTERIOGRAM	8856	CORONARY ARTERIOGRAPHY USING TWO CATHETERS
8844	ARTERIOGRAPHY OF OTHER INTRATHORACIC VESSELS	8857	OTHER AND UNSPECIFIED CORONARY ARTERIOGRAPHY
8850	ANGIOCARDIOGRAPHY, NOT OTHERWISE SPECIFIED	8858	NEGATIVE-CONTRAST CARDIAC ROENTGENOGRAPHY
8851	ANGIOCARDIOGRAPHY OF VENAE CAVAE		
Denominator:			
Not applicable.			

2.1.7 Postoperative Hemorrhage or Hematoma (PDI 8)	
Numerator:	
Discharges among cases meeting the inclusion and exclusion rules for the denominator with the following:	
<ul style="list-style-type: none"> • ICD-9-CM code for postoperative hemorrhage <u>or</u> postoperative hematoma in any secondary diagnosis field 	
AND	
<ul style="list-style-type: none"> • ICD-9-CM code for postoperative control of hemorrhage <u>or</u> for drainage of hematoma in any procedure code field. 	
<i>ICD-9-CM Postoperative Hemorrhage diagnosis code:</i>	
99811	HEMORRHAGE COMPLICATING A PROCEDURE
<i>ICD-9-CM Postoperative Hematoma diagnosis code:</i>	
99812	HEMATOMA COMPLICATING A PROCEDURE
<i>ICD-9-CM Control of Postoperative Hemorrhage procedure codes:</i>	
287	CONTROL OF HEMORRHAGE AFTER TONSILLECTOMY AND ADENOIDECTOMY
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

2.1.7 Postoperative Hemorrhage or Hematoma (PDI 8)	
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
<i>ICD-9-CM Drainage of Hematoma procedure codes:</i>	
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 elective* surgical discharges under age 18 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 - Admission type # is recorded as elective (SID ATYPE = 3)	
Exclude cases:	
<ul style="list-style-type: none"> • 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. 	
<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"> • obstetrical patients in MDC 14 (Pregnancy, Childbirth and the Puerperium) • neonates with birth weight less than 500 grams 	
See Appendix G: Low Birth Weight Categories	
Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PDI detailed definition.	

2.1.8 Postoperative Respiratory Failure (PDI 9)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM codes 518.81 or 518.84 for acute respiratory failure in any secondary diagnosis field.

OR

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM codes for reintubation procedure in any secondary procedure field as follows:

- (96.04) one or more days after the major operating room procedure code
- (96.70 or 96.71) 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 under age 18 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 - Admission type # is recorded as elective (SID ATYPE = 3)

Exclude cases:

- with ICD-9-CM codes for acute respiratory failure in the principal diagnosis field.
- 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.
- with ICD-9-CM diagnosis code of neuromuscular disorder
- with respiratory or circulatory diseases (MDC 4 and 5)
- MDC 14 (Pregnancy, Childbirth, and the Puerperium)
- neonates with birth weight less than 500 grams

See [Appendix G: Low Birth Weight Categories](#)

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

ICD-9-CM Tracheostomy procedure codes:

3121	MEDIASTINAL TRACHEOSTOMY
3129	OTHER PERM TRACHEOSTOMY
3174	REVISION OF TRACHEOSTOMY

ICD-9-CM Neuromuscular Disorder diagnosis 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

2.1.8 Postoperative Respiratory Failure (PDI 9)	
3591	HERED PROG MUSC DYSTRPHY
3592	MYOTONIC DISORDERS
3593	FAMIL PERIODIC PARALYSIS
3594	TOXIC MYOPATHY
3595	MYOPATHY IN ENDOCRIN DIS
3596	INFL MYOPATHY IN OTH DIS
35981	CRITICAL ILLNESS MYOPHTY
35989	MYOPATHIES NEC
3599	MYOPATHY NOS

2.1.9 Postoperative Sepsis (PDI 10)	
Numerator:	
Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM code for sepsis in any <u>secondary</u> diagnosis field.	
See Appendix F: Sepsis Diagnosis Codes	
Denominator:	
All surgeries under age 18 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:	
<ul style="list-style-type: none"> • with ICD-9-CM codes for sepsis in the principal diagnosis field • with ICD-9-CM codes for infection in the principal diagnosis field • MDC 14 (Pregnancy, Childbirth and the Puerperium) • with length of stay of less than 4 days • neonates • with DRG code in surgical class 4 	
See Appendix F: Sepsis Diagnosis Codes	
See Appendix H: Infection Diagnosis Codes	
Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PDI detailed definition.	
<i>DRG Codes for Surgical Class 4</i>	
164	APPENDECTOMY WITH COMPLICATED PRINCIPAL DIAGNOSIS WITH CC
165	APPENDECTOMY WITH COMPLICATED PRINCIPAL DIAGNOSIS WIHTOUT CC
415	OR PROCEDURE FOR INFECTIOUS AND PARASITIC DISEASES
578	INFECTIOUS & PARASITIC DISEASES W OR PROCEDURE
579	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W OR PROCEDURE

2.1.10 Postoperative Wound Dehiscence (PDI 11)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM code for reclosure of postoperative disruption of abdominal wall (54.61) in any procedure field.

Denominator:

All abdominopelvic surgical discharges under age 18.

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 high- or intermediate-risk immunocompromised state
- neonates with birth weight less than 500 grams
- with procedure code for gastroschisis or umbilical hernia repair in newborns (omphalacele repair) performed before reclosure
- MDC 14 (pregnancy, childbirth, and puerperium)

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

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

See [Appendix G: Low Birth Weight Categories](#)

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

ICD-9-CM abdominopelvic procedure codes:

3804	INCISION OF AORTA	5171	SIMPLE SUTURE OF COMMON BILE DUCT
3806	INCISION OF ABDOMINAL ARTERIES	5172	CHOLEDOCHOPLASTY
3807	INCISION OF ABDOMINAL VEINS	5179	REPAIR OF OTHER BILE DUCTS
3814	ENDARTERECTOMY OF AORTA	5181	DILATION OF SPHINCTER OF ODDI
3816	ENDARTERECTOMY OF ABDOMINAL ARTERIES	5182	PANCREATIC SPHINCTEROTOMY
3834	RESECTION OF AORTA W/ ANASTOMOSIS	5183	PANCREATIC SPHINCTEROPLASTY
3836	RESECTION OF ABDOMINAL ARTERIES W/ ANASTOMOSIS	5189	OTHER OPERATIONS ON SPHINCTER OF ODDI
3837	RESECTION OF ABDOMINAL VEINS W/ ANASTOMOSIS	5192	CLOSURE OF CHOLECYSTOSTOMY
3844	RESECTION OF AORTA, ABDOMINAL W/ REPLACEMENT	5193	CLOSURE OF OTHER BILIARY FISTULA
3846	RESECTION OF ABDOMINAL ARTERIES W/ REPLACEMENT	5194	REVISION OF ANASTOMOSIS OF BILIARY TRACT
3847	RESECTION OF ABDOMINAL VEINS W/ REPLACEMENT	5195	REMOVAL OF PROSTHETIC DEVICE FROM BILE DUCT
3857	LIGATION AND STRIPPING OF VARICOSE VEINS, ABDOMINAL VEINS	5199	OTHER OPERATIONS ON BILIARY TRACT
3864	OTHER EXCISION OF AORTA, ABDOMINAL	5201	DRAINAGE OF PANCREATIC CYST BY CATHETER
3866	OTHER EXCISION OF ABDOMINAL ARTERIES	5209	OTHER PANCREATOTOMY
3867	OTHER EXCISION OF ABDOMINAL VEINS	5212	OPEN BIOPSY OF PANCREAS

2.1.10 Postoperative Wound Dehiscence (PDI 11)			
3884	OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL	5222	OTHER EXCISION OR DESTRUCTION OF LESION OR TISSUE OF PANCREAS OR PANCREATIC DUCT
3886	OTHER SURGICAL OCCLUSION OF ABDOMINAL ARTERIES	523	MARSUPIALIZATION OF PANCREATIC CYST
3887	OTHER SURGICAL OCCLUSION OF ABDOMINAL VEINS	524	INTERNAL DRAINAGE OF PANCREATIC CYST
391	INTRA-ABDOMINAL VENOUS SHUNT	5251	PROXIMAL PANCREATECTOMY
3924	AORTA-RENAL BYPASS	5252	DISTAL PANCREATECTOMY
3925	AORTA-ILIAC-FEMORAL BYPASS	5253	RADICAL SUBTOTAL PANCREATECTOMY
3926	OTHER INTRA-ABDOMINAL VASCULAR SHUNT OR BYPASS	5259	OTHER PARTIAL PANCREATECTOMY
4052	RADICAL EXCISION OF PERIAORTIC LYMPH NODES	526	TOTAL PANCREATECTOMY
4053	RADICAL EXCISION OF ILIAC LYMPH NODES	527	RADICAL PANCREATICODUODENECTOMY
412	SPLENOTOMY	5280	PANCREATIC TRANSPLANT, NOS
4133	OPEN BIOPSY OF SPLEEN	5281	REIMPLANTATION
4141	MARSUPIALIZATION OF SPLENIC CYST	5282	HOMOTRANSPLANT OF PANCREAS
4142	EXCISION OF LESION OR TISSUE OF SPLEEN	5283	HETEROTRANSPLANT OF PANCREAS
4143	PARTIAL SPLENECTOMY	5292	CANNULATION OF PANCREATIC DUCT
415	TOTAL SPLENECTOMY	5295	OTHER REPAIR OF PANCREAS
4193	EXCISION OF ACCESSORY SPLEEN	5296	ANASTOMOSIS OF PANCREAS
4194	TRANSPLANTATION OF SPLEEN	5299	OTHER OPERATIONS ON PANCREAS
4195	REPAIR AND PLASTIC OPERATIONS ON SPLEEN	5300	UNILATERAL REPAIR OF INGUINAL HERNIA, NOS
4199	OTHER OPERATIONS ON SPLEEN	5301	REPAIR OF DIRECT INGUINAL HERNIA
4240	ESOPHAGECTOMY, NOS	5302	REPAIR OF INDIRECT INGUINAL HERNIA
4241	PARTIAL ESOPHAGECTOMY	5303	REPAIR OF DIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
4242	TOTAL ESOPHAGECTOMY	5304	REPAIR OF INDIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
4253	INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL	5305	REPAIR OF INGUINAL HERNIA W/ GRAFT OR PROSTHESIS, NOS
4254	OTHER INTRATHORACIC ESOPHAGOENTEROSTOMY	5310	BILATERAL REPAIR OF INGUINAL HERNIA, NOS
4255	INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON	5311	BILATERAL REPAIR OF DIRECT INGUINAL HERNIA
4256	OTHER INTRATHORACIC ESOPHAGOCOLOSTOMY	5312	BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA
4263	ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL	5313	BILATERAL REPAIR OF INGUINAL HERNIA, ONE DIRECT AND ONE INDIRECT
4264	OTHER ANTESTERNAL ESOPHAGOENTEROSTOMY	5314	BILATERAL REPAIR OF DIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
4265	ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON	5315	BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
4266	OTHER ANTESTERNAL ESOPHAGOCOLOSTOMY	5316	BILATERAL REPAIR OF INGUINAL HERNIA, ONE DIRECT AND ONE INDIRECT, W/ GRAFT OR PROSTHESIS
4291	LIGATION OF ESOPHAGEAL VARICES	5317	BILATERAL INGUINAL HERNIA REPAIR W/ GRAFT OR PROSTHESIS, NOS
430	GASTROTOMY	5321	UNILATERAL REPAIR OF FEMORAL HERNIA
433	PYLOROMYOTOMY	5329	OTHER UNILATERAL FEMORAL HERNIORRHAPHY

2.1.10 Postoperative Wound Dehiscence (PDI 11)			
4342	LOCAL EXCISION OF OTHER LESION OR TISSUE OF STOMACH	5331	BILATERAL REPAIR OF FEMORAL HERNIA W/ GRAFT OR PROSTHESIS
4349	OTHER DESTRUCTION OF LESION OR TISSUE OF STOMACH	5339	OTHER BILATERAL FEMORAL HERNIORRHAPHY
435	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO ESOPHAGUS	5341	REPAIR OF UMBILICAL HERNIA W/ PROSTHESIS
436	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO DUODENUM	5349	OTHER UMBILICAL HERNIORRHAPHY
437	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO JEJUNUM	5351	INCISIONAL HERNIA REPAIR
4381	PARTIAL GASTRECTOMY W/ JEJUNA TRANSPOSITION	5359	REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL
4389	OTHER PARTIAL GASTRECTOMY	5361	INCISIONAL HERNIA REPAIR W/ PROSTHESIS
4391	TOTAL GASTRECTOMY W/ INTESTINAL INTERPOSITION	5369	REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL W/ PROSTHESIS
4399	OTHER TOTAL GASTRECTOMY	537	REPAIR OF DIAPHRAGMATIC HERNIA, ABDOMINAL APPROACH
4400	VAGOTOMY, NOS	540	INCISION OF ABDOMINAL WALL
4401	TRUNCAL VAGOTOMY	5411	EXPLORATORY LAPAROTOMY
4402	HIGHLY SELECTIVE VAGOTOMY	5419	OTHER LAPAROTOMY
4403	OTHER SELECTIVE VAGOTOMY	5422	BIOPSY OF ABDOMINAL WALL OR UMBILICUS
4411	TRANSABDOMINAL GASTROSCOPY	5423	BIOPSY OF ABDOMINAL WALL OR UMBILICUS
4415	OPEN BIOPSY OF STOMACH	543	EXCISION OR DESTRUCTION OF LESION OR TISSUE OF ABDOMINAL WALL OR UMBILICUS
4421	DILATION OF PYLORUS BY INCISION	544	EXCISION OR DESTRUCTION OF PERITONEAL TISSUE
4429	OTHER PYLOROPLASTY	5459	OTHER LYSIS OF PERITONEAL ADHESIONS
4431	HIGH GASTRIC BYPASS	5463	OTHER SUTURE OF ABDOMINAL WALL
4439	OTHER GASTROENTEROSTOMY	5464	SUTURE OF PERITONEUM
4440	SUTURE OF PEPTIC ULCER, NOS	5471	REPAIR OF GASTROSCHISIS
4441	SUTURE OF GASTRIC ULCER SITE	5472	OTHER REPAIR OF ABDOMINAL WALLS
4442	SUTURE OF DUODENAL ULCER SITE	5473	OTHER REPAIR OF PERITONEUM
445	REVISION OF GASTRIC ANASTOMOSIS	5474	OTHER REPAIR OF OMENTUM
4461	SUTURE OF LACERATION OF STOMACH	5475	OTHER REPAIR OF MESENTERY
4463	CLOSURE OF OTHER GASTRIC FISTULA	5492	REMOVAL OF FOREIGN BODY FROM PERITONEAL CAVITY
4464	GASTROPEXY	5493	CREATION OF CUTANEOPERITONEAL FISTULA
4465	ESOPHAGOGASTROPLASTY	5494	CREATION OF PERITONEOVASCULAR SHUNT
4466	OTHER PROCEDURES FOR CREATION OF ESOPHAGOGASTRIC SPHINCTERIC COMPETENCE	5495	INCISION OF PERITONEUM
4469	OTHER REPAIR OF STOMACH	5532	OPN ABLTN RENAL LES/TISS OCT06-
4491	LIGATION OF GASTRIC VARICES	5535	ABLTN RENAL LES/TISS NEC OCT06-
4492	INTRAOPERATIVE MANIPULATION OF STOMACH	5551	NEPHROURETERECTOMY
4499**	GASTRIC OPERATION NEC OCT04-	5552	NEPHRECTOMY OF REMAINING KIDNEY
4500	INCISION OF INTESTINE, NOS	5553	REMOVAL OF TRANSPLANTED OR REJECTED KIDNEY
4501	INCISION OF DUODENUM	5554	BILATERAL NEPHRECTOMY
4502	OTHER INCISION OF SMALL INTESTINE	5561	RENAL AUTOTRANSPLANTATION
4503	INCISION OF LARGE INTESTINE	5569	OTHER KIDNEY TRANSPLANTATION

2.1.10 Postoperative Wound Dehiscence (PDI 11)			
4531	OTHER LOCAL EXCISION OF LESION OF DUODENUM	557	NEPHROPEXY
4532	OTHER DESTRUCTION OF LESION OF DUODENUM	5583	CLOSURE OF OTHER FISTULA OF KIDNEY
4533	LOCAL EXCISION OF LESION OR TISSUE OF SMALL INTESTINE, EXCEPT DUODENUM	5584	REDUCTION OF TORSION OF RENAL
4534	OTHER DESTRUCTION OF LESION OF SMALL INTESTINE, EXCEPT DUODENUM	5585	SYMPHYSIOTOMY FOR HORESHOE KIDNEY
4541	EXCISION OF LESION OR TISSUE OF LARGE INTESTINE	5586	ANASTOMOSIS OF KIDNEY
4549	OTHER DESTRUCTION OF LESION OF LARGE INTESTINE	5587	CORRECTION OF URETEROPELVIC JUNCTION
4550	ISOLATION OF INTESTINAL SEGMENT, NOS	5591	DECAPSULATION OF KIDNEY
4551	ISOLATION OF SEGMENT OF SMALL INTESTINE	5597	IMPLANTATION OR REPLACEMENT OF MECHANICAL KIDNEY
4552	ISOLATION OF SEGMENT OF LARGE INTESTINE	5598	REMOVAL OF MECHANICAL KIDNEY
4561	MULTIPLE SEGMENTAL RESECTION OF SMALL INTESTINE	5651	FORMATION OF CUTANEOUS URETERO-ILEOSTOMY
4562	OTHER PARTIAL RESECTION OF SMALL INTESTINE	5652	REVISION OF CUTANEOUS URETERO-ILEOSTOMY
4563	TOTAL REMOVAL OF SMALL INTESTINE	5661	FORMATION OF OTHER CUTANEOUS URETEROSTOMY
4571	MULTIPLE SEGMENTAL RESECTION OF LARGE INTESTINE	5662	REVISION OF OTHER CUTANEOUS URETEROSTOMY
4572	CESECTOMY	5671	URINARY DIVERSION TO INTESTINE
4573	RIGHT HEMICOLECTOMY	5672	REVISION OF URETEROINTESTINAL ANASTOMOSIS
4574	RESECTION OF TRANSVERSE COLON	5673	NEPHROCYSTANASTOMOSIS, NOS
4575	LEFT HEMICOLECTOMY	5674	URETERONEOXYSTOSTOMY
4576	SIGMOIDECTOMY	5675	TRANSURETEROURETEROSTOMY
4579	OTHER PARTIAL EXCISION OF LARGE INTESTINE	5683	CLOSURE OF URETEROSTOMY
458	TOTAL INTRA-ABDOMINAL COLECTOMY	5684	CLOSURE OF OTHER FISTULA OF URETER
4590	INTESTINAL ANASTOMOSIS, NOS	5685	URETEROPEXY
4591	SMALL-TO-SMALL INTESTINAL ANASTOMOSIS	5686	REMOVAL OF LIGATURE FROM URETER
4592	ANASTOMOSIS OF SMALL INTESTINE TO RECTAL STUMP	5689	OTHER REPAIR OF URETER
4593	OTHER SMALL-TO-LARGE INTESTINAL ANASTOMOSIS	5695	LIGATION OF URETER
4594	LARGE-TO-LARGE INTESTINAL ANASTOMOSIS	5771	RADICAL CYSTECTOMY
4595	ANASTOMOSIS TO ANUS	5779	OTHER TOTAL CYSTECTOMY
4601	EXTERIORIZATION OF SMALL INTESTINE	5782	CLOSURE OF CYSTOSTOMY
4603	EXTERIORIZATION OF LARGE INTESTINE	5787	RECONSTRUCTION OF URINARY BLADDER
4610	COLOSTOMY, NOS	5900	RETROPERITONEAL DISSECTION, NOS
4611	TEMPORARY COLOSTOMY	5902	OTHER LYSIS OF PERIRENAL OR PERIURETERAL ADHESIONS
4613	PERMANENT COLOSTOMY	5909	OTHER INCISION OF PERIRENAL OR PERIURETERAL TISSUE
4620	ILEOSTOMY, NOS	6012	OPEN BIOPSY OF PROSTATE
4621	TEMPORARY ILESOSTOMY	6014	OPEN BIOPSY OF SEMINAL VESICLES
4622	CONTINENT ILEOSTOMY	6015	BIOPSY OF PERIPROSTATIC TISSUE
4623	OTHER PERMANENT ILEOSTOMY	603	SUPRAPUBIC PROSTATECTOMY
4640	REVISION OF INTESTINA STOMA, NOS	604	RETROPUBIC PROSTATECTOMY

2.1.10 Postoperative Wound Dehiscence (PDI 11)			
4641	REVISION OF STOMA OF SMALL INTESTINE	605	RADICAL PROSTATECTOMY
4642	REPAIR OF PERICOLOSTOMY HERNIA	6061	LOCAL EXCISION OF LESION OF PROSTATE
4643	OTHER REVISION OF STOMA OF LARGE INTESTINE	6072	INCISION OF SEMINAL VESICLE
4650	CLOSURE OF INTESTINAL STOMA, NOS	6073	EXCISION OF SEMINAL VESICLE
4651	CLOSURE OF STOMA OF SMALL INTESTINE	6079	OTHER OPERATIONS ON SEMINAL VESICLES
4652	CLOSURE OF STOMA OF LARGE INTESTINE	6093	REPAIR OF PROSTATE
4660	FIXATION OF INTESTINE, NOS	6509	OTHER OOPHORECTOMY
4661	FIXATION OF SMALL INTESTINE TO ABDOMINAL WALL	6512	OTHER BIOPSY OF OVARY
4662	OTHER FIXATION OF SMALL INTESTINE	6521	MARSUPIALIZATION OF OVARIAN CYST
4663	FIXATION OF LARGE INTESTINE TO ABDOMINAL WALL	6522	WEDGE RESECTION OF OVARY
4664	OTHER FIXATION OF LARGE INTESTINE	6529	OTHER LOCAL EXCISION OR DESTRUCTION OF OVARY
4672	CLOSURE OF FISTULA OF DUODENUM	6539	OTHER UNILATERAL OOPHORECTOMY
4674	CLOSURE OF FISTULA OF SMALL INTESTINE, EXCEPT DUODENUM	6549	OTHER UNILATERAL SALPINGOOPHORECTOMY
4676	CLOSURE OF FISTULA OF LARGE INTESTINE	6551	OTHER REMOVAL OF BOTH OVARIES AT SAME OPERATIVE EPISODE
4680	INTRA-ABDOMINAL MANIPULATION OF INTESTINE, NOS	6552	OTHER REMOVAL OF REMAINING OVARY
4681	INTRA-ABDOMINAL MANIPULATION OF SMALL INTESTINE	6561	OTHER REMOVAL OF BOTH OVARIES AND TUBES AT SAME OPERATIVE EPISODE
4682	INTRA-ABDOMINAL MANIPULATION OF LARGE INTESTINE	6562	OTHER REMOVAL OF REMAINING OVARY AND TUBE
4691	MYOTOMY OF SIGMOID COLON	6571	OTHER SIMPLE SUTURE OF OVARY
4692	MYOTOMY OF OTHER PARTS OF COLON	6572	OTHER REIMPLANTATION OF OVARY
4693	REVISION OF ANASTOMOSIS OF SMALL INTESTINE	6573	OTHER SALPINGO OOPHOROPLASTY
4694	REVISION OF ANASTOMOSIS OF LARGE INTESTINE	6579	OTHER REPAIR OF OVARY
4699	OTHER OPERATIONS ON INTESTINES	6589	OTHER LYSIS OF ADHESIONS OF OVARY AND FALLOPIAN TUBE
4709	OTHER APPENDECTOMY	6592	TRANSPLANTATION OF OVARY
4719	OTHER INCIDENTAL APPENDECTOMY	6593	MANUAL RUPTURE OF OVARIAN CYST
472	DRAINAGE OF APPENDICEAL ABSCESS	6594	OVARIAN DENERVATION
4791	APPENDECTOMY	6595	RELEASE OF TORSION OF OVARY
4792	CLOSURE OF APPENDICEAL FISTULA	6599	OTHER OPERATIONS ON OVARY
4799	OTHER OPERATIONS ON APPENDIX, OTHER	6601	SALPINGOTOMY
4841	SUBMUCOSAL RESECTION OF RECTUM	6602	SALPINGOSTOMY
4849	OTHER PULL-THROUGH RESECTION OF RECTUM	6631	OTHER BILATERAL LIGATION AND CRUSHING OF FALLOPIAN TUBES
485	ABDOMINOPERINEAL RESECTION OF RECTUM	6632	OTHER BILATERAL LIGATION AND DIVISION OF FALLOPIAN TUBES
4875	ABDOMINAL PROCTOPEXY	6639	OTHER BILATERAL DESTRUCTION OR OCCLUSION OF FALLOPIAN TUBES
500	HEPATOTOMY	664	TOTAL UNILATERAL SALPINGECTOMY
5012	OPEN BIOPSY OF LIVER	6651	REMOVAL OF BOTH FALLOPIAN TUBES AT SAME OPERATIVE EPISODE
5021	MARSUPIALIZATION OF LESION OF LIVER	6652	REMOVAL OF REMAINING FALLOPIAN TUBE
5022	PARTIAL HEPATECTOMY	6661	EXCISION OR DESTRUCTION OF LESION OF FALLOPIAN TUBE

2.1.10 Postoperative Wound Dehiscence (PDI 11)			
5023	OPN ABLTN LIVER LES/TISS OCT06-	6662	SALPINGECTOMY W/ REMOVAL OF TUBAL PREGNANCY
5026	ABLTN LIVER LES/TISS NEC OCT06-	6663	BILATERAL PARTIAL SALPINGECTOMY, NOS
5029	OTHER DESTRUCTION OF LESION OF LIVER	6669	OTHER PARTIAL SALPINGECTOMY
503	LOBECTOMY OF LIVER	6671	SIMPLE SUTURE OF FALLOPIAN TUBE
504	TOTAL HEPATECTOMY	6672	SALPINGO-OOPHOROSTOMY
5051	AUXILIARY LIVER TRANSPLANT	6673	SALPINGO-SALPINGOSTOMY
5059	OTHER TRANSPLANT OF LIVER	6674	SALPINGO-UTEROSTOMY
5069	OTHER REPAIR OF LIVER	6679	OTHER REPAIR OF FALLOPIAN TUBE
5103	OTHER CHOLECYSTOSTOMY	6692	UNILATERAL DESTRUCTION OR OCCLUSION OF FALLOPIAN TUBE
5104	OTHER CHOLECYSTOTOMY	6697	BURYING OF FIMBRIAE IN UTERINE WALL
5113	OPEN BIOPSY OF GALLBLADDER OR BILE DUCTS	680	OTHER INCISION AND EXCISION OF UTERUS
5121	OTHER PARTIAL CHOLECYSTECTOMY	6813	OPEN BIOPSY OF UTERUS
5122	CHOLECYSTECTOMY	6814	OPEN BIOPSY OF UTERINE LIGAMENTS
5131	ANASTOMOSIS OF GALLBLADDER TO HEPATIC DUCTS	683	SUBTOTAL ABDOMINAL HYSTERECTOMY
5132	ANASTOMOSIS OF GALLBLADDER TO INTESTINE	6839	OTHER SUBTOTAL ABDOMINAL HYSTERECTOMY
5133	ANASTOMOSIS OF GALLBLADDER TO PANCREAS	684	TOTAL ABDOMINAL HYSTERECTOMY
5134	ANASTOMOSIS OF GALLBLADDER TO STOMACH	6841	LAP TOTAL ABDOMINAL HYST OCT06-
5135	OTHER GALLBLADDER ANASTOMOSIS	6849	TOTAL ABD HYST NEC/NOS OCT06-
5136	CHOLEDOCHOENTEROSTOMY	686	RADICAL ABDOMINAL HYSTERECTOMY
5137	ANASTOMOSIS OF HEPATIC DUCT TO GASTROINTESTINAL TRACT	6861	LAP RADICAL ABDOMNL HYST OCT06-
5139	OTHER BILE DUCT ANASTOMOSIS	6869	RADICAL ABD HYST NEC/NOS OCT06-
5141	COMMON DUCT EXPLORATION FOR REMOVAL OF CALCULUS	688	PELVIC EVISCERATION
5142	COMMON DUCT EXPLORATION FOR RELIEF OF OTHER OBSTRUCTION	6922	OTHER UTERINE SUSPENSION
5143	INSERTION OF CHOLEDOCHOHEPATIC TUBE FOR DECOMPRESSION	693	PARACERVICAL UTERINE DENERVATION
5149	INCISION OF OTHER BILE DUCTS FOR RELIEF OF OBSTRUCTION	6941	SUTURE OF LACERATION OF UTERUS
5151	EXPLORATION OF COMMON DUCT	6942	CLOSURE OF FISTULA OF UTERUS
5159	INCISION OF OTHER BILE DUCT	6949	OTHER REPAIR OF UTERUS
** only for discharges occurring on or after October 1, 2004			
<i>ICD-9-CM codes for gastroschisis or umbilical hernia repair</i>			
5341	REPAIR OF UMBILICAL HERNIA WITH PROSTHESIS	5349	OTHER UMBILICAL HERNIORRHAPHY
		5471	REPAIR OF GASTROSCHISIS

2.1.11 Selected Infections Due to Medical Care (PDI 12)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM code of 999.3 or 996.62 in any secondary diagnosis field.

Denominator:

All surgical and medical discharges under age 18 defined by specific DRGs

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

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

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

Exclude cases:

- with ICD-9-CM code of 999.3 or 996.62 in the principal diagnosis field
- newborns
- neonates with birth weight less than 500 grams
- with length of stay less than 2 days
- MDC 14 (pregnancy, childbirth, and puerperium)

2.1.12 Transfusion Reaction (PDI 13)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator 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

Denominator:

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

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

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

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

Exclude cases:

- with ICD-9-CM code for transfusion reaction in the principal diagnosis field
- neonates
- MDC 14 (pregnancy, childbirth, and puerperium)

2.2 Area-Level Indicators

2.2.1 Asthma Admission Rate (PDI 14)

Numerator:

Discharges ages 2 to 17 years with ICD-9-CM principal diagnosis code of asthma (see below).

Include ICD-9-CM diagnosis codes:

49300	EXT ASTHMA W/O STAT ASTH	49321	CH OB ASTHMA W STAT ASTH
49301	EXT ASTHMA W STATUS ASTH	49322	CH OBS ASTH W ACUTE EXAC OCT00-
49302	EXT ASTHMA W ACUTE EXAC OCT00-	49381	EXERCSE IND BRONCHOSPASM OCT03-
49310	INT ASTHMA W/O STAT ASTH	49382	COUGH VARIANT ASTHMA OCT03-
49311	INT ASTHMA W STATUS ASTH	49390	ASTHMA W/O STATUS ASTHM
49312	INT ASTHMA W ACUTE EXAC OCT00-	49391	ASTHMA W STATUS ASTHMAT
49320	CH OB ASTH W/O STAT ASTH	49392	ASTHMA W ACUTE EXACERBTN OCT00-

Exclude cases:

- MDC 14 (pregnancy, childbirth, and puerperium)
- transfer from other institution
- age less than 2 years
- with diagnosis code for cystic fibrosis and anomalies of the respiratory system

ICD-9-CM code for cystic fibrosis and anomalies of the respiratory system

27700	CYSTIC FIBROS W/O ILEUS	74860	LUNG ANOMALY NOS
27701	CYSTIC FIBROS W ILEUS	74861	CONGEN BRONCHIECTASIS
27702	CYSTIC FIBROS W PUL MAN	74869	LUNG ANOMALY NEC
27703	CYSTIC FIBROSIS W GI MAN	7488	RESPIRATORY ANOMALY NEC
27709	CYSTIC FIBROSIS NEC	7489	RESPIRATORY ANOMALY NOS
74721	ANOMALIES OF AORTIC ARCH	7503	CONG ESOPH FISTULA/ATRES
7483	LARYNGOTRACH ANOMALY NEC	7593	SITUS INVERSUS
7484	CONGENITAL CYSTIC LUNG	7707	CHRONIC RESPIRATORY DISEASE ARISING IN THE PERINATAL PERIOD
7485	AGENESIS OF LUNG		

Denominator:

Population ages 2 to 17 years in Metro Area or county.

2.2.2 Diabetes Short-term Complications Admission Rate (PDI 15)

Numerator:

All non-maternal discharges ages 6 to 17 years with ICD-9-CM principal diagnosis code for short-term complications (ketoacidosis, hyperosmolarity, coma).

Include ICD-9-CM diagnosis codes:

25010	DM KETO T2, DM CONT	25022	DM W/ HYPROSM T2, DM UNCNT
25011	DM KETO T1, DM CONT	25023	DM W/ HYPROSM T1, DM UNCNT
25012	DM KETO T2, DM UNCONT	25030	DM COMA NEC TYP II, DM CNT
25013	DM KETO T1, DM UNCONT	25031	DM COMA NEC T1, DM CONT
25020	DM W/ HYPROSM T2, DM CONT	25032	DM COMA NEC T2, DM UNCONT
25021	DM W/ HYPROSM T1, DM CONT	25033	DM COMA NEC T1, DM UNCONT

Exclude cases:

- transfer from other institution
- MDC 14 (pregnancy, childbirth, and puerperium)

Denominator:

Population ages 6 to 17 in Metro Area or county.

2.2.3 Gastroenteritis Admission Rate (PDI 16)

Numerator:

All non-maternal discharges ages 3 months to 17 years with ICD-9-CM principal diagnosis code for gastroenteritis
or
 with secondary diagnosis code of gastroenteritis and a principal diagnosis code of dehydration.

ICD-9-CM gastroenteritis diagnosis codes:

00861	ENTERITIS ROTAVIRUS	00869	ENTERITIS NOS
00862	ENTERITIS ADENOVIRUS	0088	VIRAL ENTERITIS NOS
00863	ENTERITIS NORWALK VIRUS	0090	INFECTIOUS ENTERITIS NOS
00864	ENTERITIS OTH SML RND VIRUS	0091	ENTERITIS OF INFECT ORIG
00865	ENTERITIS CALICIVIRUS	0092	INFECTIOUS DIARRHEA
00866	ENTERITIS ASTROVIRUS	0093	DIARRHEA OF PRESU INFECT ORIG
00867	ENTERITIS ENTEROVIRUS NEC	5589	NONINF GASTROENTERIT NEC

ICD-9-CM dehydration diagnosis codes:

2765	HYPOVOLEMIA	27651	DEHYDRATION OCT06-
27650	VOL DEPLETION, UNSPECIFIED OCT06-	27652	HYPOVOLEMIA OCT06-

Exclude cases:

- transfer from other institution
- Age less than or equal to 90 days (or neonates if age in days is missing)
- with diagnosis code of gastrointestinal abnormalities or bacterial gastroenteritis
- MDC 14 (pregnancy, childbirth, and puerperium)

2.2.3 Gastroenteritis Admission Rate (PDI 16)

ICD-9-CM gastrointestinal abnormalities diagnosis codes:

5550	REGIONAL ENTERITIS, SMALL INTESTINE	5569	ULCERATIVE COLITIS NOS
5551	REGIONAL ENTERITIS, LARGE INTESTINE	5581	GASTROENTERITIS AND COLITIS DUE TO RADIATION
5552	REGIONAL ENTERITIS, SMALL INTESTINE WITH LARGE INTESTINE	5582	TOXIC GASTROENTERITIS AND COLITIS
5559	REGIONAL ENTERITIS, UNSPECIFIED SITE	5583	ALLERGIC GASTROENTERITIS AND COLITIS
5560	ULCERATIVE CHRONIC ENTEROCOLITIS	5790	CELIAC DISEASE
5561	ULCERATIVE CHRONIC ILEOCOLITIS	5791	TROPICAL SPRUE
5562	ULCERATIVE CHRONIC PROCTITIS	5792	BLIND LOOP SYNDROME
5563	ULCERATIVE CHRONIC PROCTOSIGMOIDITIS	5793	OTHER AND UNSPECIFIED POSTSURGICAL NONABSORPTION
5564	PSEUDOPOLYPOSIS OF COLON	5794	PANCREATIC STEATORRHEA
5565	LEFT-SIDED ULCERATIVE CHRONIC COLITIS	5798	OTHER SPECIFIED INTESTINAL MALABSORPTION
5566	UNIVERSAL ULCERATIVE CHRONIC COLITIS	5799	UNSPECIFIED INTESTINAL MALABSORPTION
5568	OTHER ULCERATIVE COLITIS	•	•

ICD-9-CM bacterial gastrointestinal diagnosis codes:

0030	SALMONELLA GASTROENTERITIS	0075	CYCLOSPORIASIS
0040	SHIGELLA DYSENTERIAE	0078	OTHER SPECIFIED PROTOZOAL INTESTINAL DISEASES
0041	SHIGELLA FLEXNERI	0079	UNSPECIFIED PROTOZOAL INTESTINAL DISEASE
0042	SHIGELLA BOYDII	0080	ESCHERICHIA COLI
0043	SHIGELLA SONNEI	00800	E. COLI NOS
0048	OTHER SPECIFIED SHIGELLA INFECTIONS	00801	ENTEROPATHOGENIC E. COLI
0049	SHIGELLOSIS, NOS	00802	ENTEROTOXIGENIC E. COLI
0050	STAPHYLOCOCCAL FOOD POISONING	00803	ENTEROINVASIVE E. COLI
0051	BOTULISM	00804	ENTEROHEMORRHAGE E. COLI
0052	FOOD POISONING DUE TO CLOSTRIDIUM PERFRINGENS	00809	OTHER INTESTINAL E. COLI INFECTIONS
0053	FOOD POISONING DUE TO OTHER CLOSTRIDIA	0081	ARIZONA GROUP OF PARACOLON BACILLI
0054	FOOD POISONING DUE TO VIBRIO PARAHAEMOLYTICUS	0082	AEROBACTER AEROGENES
0058	OTHER BACTERIAL FOOD POISONING	0083	PROTEUS
00581	FOOD POISONING DUE TO VIBRIO VULNIFICUS	0084	OTHER SPECIFIED BACTERIA
00589	OTHER BACTERIAL FOOD POISONING	00841	OTHER SPECIFIED BACTERIA, STAPHYLOCOCCUS
0059	FOOD POISONING NOS	00842	OTHER SPECIFIED BACTERIA, PSEUDOMONAS
0060	ACUTE AMEBIC DYSENTERY WO MENTION OF ABSCESS	00843	OTHER SPECIFIED BACTERIA, CAMPYLOBACTER
0061	CHRONIC INTESTINAL AMEBIASIS WO MENTION OF ABSCESS	00844	OTHER SPECIFIED BACTERIA, YERSINIA ENTEROCOLITICA
0062	AMEBIC NONDYSENTERIC COLLITIS	00845	OTHER SPECIFIED BACTERIA, CLOSTRIDIUM DIFFICILE
0070	BALANTIDIASIS	00846	OTHER SPECIFIED BACTERIA, OTHER ANAEROBES
0071	GIARDIASIS	00847	OTHER SPECIFIED BACTERIA, OTHER GRAM-NEGATIVE BACTERIA

2.2.3 Gastroenteritis Admission Rate (PDI 16)			
0072	COCCIDIOSIS	00849	OTHER SPECIFIED BACTERIA, OTHER
0073	INTESTINAL TRICHOMONIASIS	0085	BACTERIAL ENTERITIS, NOS
0074	CRYPTOSPORIDIOSIS	11285	CANDIDAL ENTERITIS
Denominator:			
Population 3 months to 17 years in Metro Area or county.			

2.2.4 Perforated Appendix Admission Rate (PDI 17)			
Numerator:			
Discharges ages 1 to 17 years with ICD-9-CM diagnosis code for perforations or abscesses of appendix in any field.			
<i>ICD-9-CM perforated appendix diagnosis codes (outcome of interest):</i>			
5400	AC APPEND W PERITONITIS	5401	ABSCESS OF APPENDIX
Exclude cases:			
<ul style="list-style-type: none"> • transfer from other institution, • age less than 1 year • MDC 14 (pregnancy, childbirth, and puerperium) • MDC 15 (newborns and other neonates) 			
Denominator:			
All non-maternal discharges ages 1 to 17 years in Metro Area or county with diagnosis code for appendicitis in any field.			
<i>ICD-9-CM appendicitis diagnosis codes (population at risk):</i>			
5400	AC APPEND W PERITONITIS	5409	ACUTE APPENDICITIS NOS
5401	ABSCESS OF APPENDIX	541	APPENDICITIS NOS

2.2.5 Urinary Tract Infection Admission Rate (PDI 18)			
Numerator:			
All non-maternal discharges ages 3 months to 17 years with ICD-9-CM principal diagnosis code of urinary tract infection.			
<i>ICD-9-CM urinary tract diagnosis codes:</i>			
59010	AC PYELONEPHRITIS NOS	59081	PYELONEPHRIT IN OTH DIS
59011	AC PYELONEPHR W MED NECR	5909	INFECTION OF KIDNEY NOS
5902	RENAL/PERIRENAL ABSCESS	5950	ACUTE CYSTITIS
5903	PYELOURETERITIS CYSTICA	5959	CYSTITIS NOS
59080	PYELONEPHRITIS NOS	5990	URIN TRACT INFECTION NOS

2.2.5 Urinary Tract Infection Admission Rate (PDI 18)

Exclude cases:

- transfer from other institution
- with diagnosis code of kidney/urinary tract disorder
- with diagnosis code of high- or intermediate-risk immunocompromised state
- age less than or equal to 90 days (or neonates if age in days is missing)
- MDC 14 (pregnancy, childbirth, and puerperium)

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

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

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

ICD-9-CM kidney/urinary tract disorder diagnosis codes

59370	VESCOURETRL RFLUX UNSPCF	75317	MEDULLARY SPONGE KIDNEY
59371	VESICOURETERAL REFLUX UNILTRL	75319	CYSTIC KIDNEY DISEAS NEC
59372	VESICOURETERAL REFLUX NPHT BLTRL	75320	OBS DFCT REN PLV&URT NOS
59373	VESICOURETERAL REFLUX W NPHT NOS	75321	CONGEN OBST URTROPLV JNC
7530	RENAL AGENESIS	75322	CONG OBST URETEROVES JNC
75310	CYSTIC KIDNEY DISEAS NOS	75323	CONGENITAL URETEROCELE
75311	CONGENITAL RENAL CYST	75329	OBST DEF REN PLV&URT NEC
75312	POLYCYSTIC KIDNEY NOS	7533	KIDNEY ANOMALY NEC
75313	POLYCYST KID-AUTOSOM DOM	7534	URETERAL ANOMALY NEC
75314	POLYCYST KID-AUTOSOM REC	7535	EXSTROPHY OF URNIARY BLADDER
75315	RENAL DYSPLASIA	7536	ATRESIA AND STENOSIS OF URETHRA AND BLADDER NECK
75316	MEDULLARY CYSTIC KIDNEY	7538	CYSTOURETHRAL ANOM NEC
		7539	URINARY ANOMALY NOS

Denominator:

Population in Metro Area or county ages 3 months to 17 years.

Appendix A: Operating Room Procedure Codes

These codes are used by the following PDIs:

PDI	How Used
Decubitus Ulcer (PDI 2) - Page 19	Denominator exclusion - Page 19
Postoperative Hemorrhage or Hematoma (PDI 8) - Page 33	Denominator inclusion - Page 34
Postoperative Respiratory Failure (PDI 9) - Page 35	Denominator inclusion - Page 35
Postoperative Sepsis (PDI 10) - Page 36	Denominator inclusion - Page 36

In the table above, control-click (Word) or click (PDF) the **PDI** 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 PDI 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.

0044	PROC-VESSEL BIFURCATION OCT06-	0142	GLOBUS PALLIDUS OPS
0050	IMPL CRT PACEMAKER SYS	0151	EX CEREB MENINGEAL LES
0051	IMPL CRT DEFIBRILLAT SYS	0152	HEMISPHERECTOMY
0052	IMP/REP LEAD LF VEN SYS	0153	BRAIN LOBECTOMY
0053	IMP/REP CRT PACEMAKR GEN	0159	OTHER BRAIN EXCISION
0054	IMP/REP CRT DEFIB GENAT	016	EXCISE SKULL LESION
0056	INS/REP IMPL SENSOR LEAD OCT06-	0201	LINEAR CRANIECTOMY
0057	IMP/REP SUBCUE CARD DEV OCT06-	0202	ELEVATE SKULL FX FRAGMNT
0061	PERC ANGIO PRECEREB VES OCT04-	0203	SKULL FLAP FORMATION
0062	PERC ANGIO INTRACRAN VES OCT04-	0204	BONE GRAFT TO SKULL
0066	PTCA OR CORONARY ATHER OCT05-	0205	SKULL PLATE INSERTION
0070	REV HIP REPL-ACETAB/FEM OCT05-	0206	CRANIAL OSTEOPLASTY NEC
0071	REV HIP REPL-ACETAB COMP OCT05-	0207	SKULL PLATE REMOVAL
0072	REV HIP REPL-FEM COMP OCT05-	0211	SIMPLE SUTURE OF DURA
0073	REV HIP REPL-LINER/HEAD OCT05-	0212	BRAIN MENINGE REPAIR NEC
0074	HIP REPL SURF-METAL/POLY OCT05-	0213	MENINGE VESSEL LIGATION
0075	HIP REP SURF-METAL/METAL OCT05-	0214	CHOROID PLEXECTOMY
0076	HIP REP SURF-CERMC/CERMC OCT05-	022	VENTRICULOSTOMY
0077	HIP REPL SURF-CERMC/POLY OCT06-	0231	VENTRICL SHUNT-HEAD/NECK
0080	REV KNEE REPLACEMT-TOTAL OCT05-	0232	VENTRI SHUNT-CIRCULA SYS
0081	REV KNEE REPL-TIBIA COMP OCT05-	0233	VENTRICL SHUNT-THORAX
0082	REV KNEE REPL-FEMUR COMP OCT05-	0234	VENTRICL SHUNT-ABDOMEN
0083	REV KNEE REPLACE-PATELLA OCT05-	0235	VENTRI SHUNT-UNINARY SYS
0084	REV KNEE REPL-TIBIA LIN OCT05-	0239	OTHER VENTRICULAR SHUNT
0085	RESRF HIPTOTAL-ACET/FEM OCT06-	0242	REPLACE VENTRICLE SHUNT
0086	RESRF HIPPART-FEM HEAD OCT06-	0243	REMOVE VENTRICLE SHUNT
0087	RESRF HIPPART-ACETABLUM OCT06-	0291	LYSIS CORTICAL ADHESION
0112	OPEN CEREB MENINGES BX	0292	BRAIN REPAIR
0114	OPEN BRAIN BIOPSY	0293	IMPLANT BRAIN STIMULATOR
0115	SKULL BIOPSY	0294	INSERT/REPLAC SKULL TONG
0118	OTHER BRAIN DX PROCEDURE	0299	SKULL & BRAIN OP NEC
0119	OTHER SKULL DX PROCEDURE	0301	REMOVAL FB SPINAL CANAL
0121	CRANIAL SINUS I & D	0302	REOPEN LAMINECTOMY SITE
0122	REMOV INTRACRAN STIMULAT	0309	SPINAL CANAL EXPLOR NEC
0123	REOPEN CRANIOTOMY SITE	031	INTRASPIN NERVE ROOT DIV
0124	OTHER CRANIOTOMY	0321	PERCUTANEOUS CHORDOTOMY
0125	OTHER CRANIECTOMY	0329	OTHER CHORDOTOMY
0126	INS CATH-CRANIAL CAVITY OCT05-	0332	SPINAL CORD/MENINGES BX
0127	REM CATH-CRANIAL CAVITY OCT05-	0339	OTHER SPINAL DX PROC
0128	INTRACEREB CTH-BURR HOLE OCT06-	034	EXCIS SPINAL CORD LESION
0131	INCISE CEREBRAL MENINGES	0351	SPINE MENINGOCELE REPAIR
0132	LOBOTOMY & TRACTOTOMY	0352	MYELOMENINGOCEL REPAIR
0139	OTHER BRAIN INCISION	0353	VERTEBRAL FX REPAIR
0141	THALAMUS OPERATIONS	0359	SPINAL STRUCT REPAIR NEC

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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
0639	PART THYROIDECTOMY NEC	0824	EXC MAJ LES LID FUL-THIC
064	COMPLETE THYROIDECTOMY	0825	DESTRUCTION LID LESION
0650	SUBSTERN THYROIDECT NOS	0831	PTOSIS REP-FRONT MUS SUT
0651	PART SUBSTERN THYROIDECT	0832	PTOSIS REP-FRONT MUS SLNG
0652	TOT SUBSTERN THYROIDECT	0833	PTOSIS REP-LEVAT MUS ADV
066	LINGUAL THYROID EXCISION	0834	PTOSIS REP-LEVAT MUS NEC
067	THYROGLOSS DUCT EXCISION	0835	PTOS REP-TARSAL TECHNIQ
0681	TOTAL PARATHYROIDECTOMY	0836	BLEPHAROPTOS REPAIR NEC

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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
1032	DESTRUCT CONJUNC LES NEC	1251	GONIOPUNCTURE
1033	OTH CONJUNC DESTRUC PROC	1252	GONIOTOMY
1041	SYMBLEPH REP W FREE GRFT	1253	GONIOTOMY W GONIOPUNCTUR
1042	GRAFT CONJUNC CUL-DE-SAC	1254	TRABECULOTOMY AB EXTERNO
1043	CONJUN CUL-DE-SAC RX NEC	1255	CYCLODIALYSIS
1044	CONJUNC FREE GRAFT NEC	1259	FACILIT INTRAOC CIRC NEC
1049	CONJUNCTIVOPLASTY NEC	1261	TREPHIN SCLERA W IRIDECT
105	CONJUNC/LID ADHESIOLYSIS	1262	THERMCAUT SCLER W IRIDEC

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1263	IRIDENCELEISIS/IRIDOTASIS	1441	SCLERAL BUCKLE W IMPLANT
1264	TRABECULECTOM AB EXTERNO	1449	SCLERAL BUCKLING NEC
1265	SCLER FISTULIZ W IRIDECT	1451	DETACH RETINA-DIATHERMY
1266	POSTOP REVIS SCL FISTUL	1452	DETACH RETINA-CRYOTHERAP
1269	SCLER FISTULIZING OP NEC	1453	DETACH RETINA XENON COAG
1271	CYCLODIATHERMY	1454	DETACH RETINA LASER COAG
1272	CYCLOCRYOTHERAPY	1455	DETACH RET PHOTOCOAG NOS
1273	CYCLOPHOTOCOAGULATION	1459	REPAIR RETINA DETACH NEC
1274	CIL BODY DIMINUTION NOS	146	REMOV PROS MAT POST SEG
1279	GLAUCOMA PROCEDURE NEC	1471	ANTERIOR REMOV VITREOUS
1281	SUTURE SCLERAL LACER	1472	VITREOUS REMOVAL NEC
1282	SCLERAL FISTULA REPAIR	1473	ANTERIOR MECHAN VITRECT
1283	REVIS ANT SEG OP WND NEC	1474	MECH VITRECTOMY NEC
1284	DESTRUCT SCLERAL LESION	1475	VITREOUS SUBSTITUT INJEC
1285	REPAIR STAPHYLOM W GRAFT	1479	VITREOUS OPERATION NEC
1286	REP SCLER STAPHYLOMA NEC	149	OTHER POST SEGMENT OPS
1287	GRAFT REINFORCE SCLERA	1501	EXTRAOC MUSC-TEND BIOPSY
1288	SCLERA REINFORCEMENT NEC	1509	EXTRAOC MUSC DX PROC NEC
1289	SCLERAL OPERATION NEC	1511	ONE EXTRAOC MUS RECESS
1291	THERAPEUT EVAC ANT CHAMB	1512	1 EXTRAOC MUSCL ADVANCE
1292	ANTERIOR CHAMBER INJECT	1513	1 EXTRAOC MUSCL RESECT
1293	REMOV EPITHEL DOWNGROWTH	1519	XTRAOC MUS OP/DETACH NEC
1297	IRIS OPERATION NEC	1521	LENGTHEN 1 EXTRAOC MUSC
1298	CILIARY BODY OP NEC	1522	SHORTEN 1 EXTRAOC MUSC
1299	ANTERIOR CHAMBER OP NEC	1529	OP ON 1 EXTRAOC MUSC NEC
1300	REMOVE FB LENS NOS	153	TEMP DETACH >1 XTROC MUS
1301	MAGNET REMOVE FB LENS	154	OTH OP ON >L EXTRAOC MUS
1302	NONMAGNET REMOVE FB LENS	155	EXTRAOCUL MUS TRANSPOSIT
1311	TEMP-INF INTRCAP LENS EX	156	REVIS EXTRAOC MUSC SURG
1319	INTRACAPSUL LENS EXT NEC	157	EXTRAOC MUSC INJ REPAIR
132	LINEAR EXTRACAP LENS EXT	159	OTH EXTRAOC MUS-TEND OP
133	SIMPL ASPIR LENS EXTRACT	1601	ORBITOTOMY W BONE FLAP
1341	CATARAC PHACOEMULS/ASPIR	1602	ORBITOTOMY W IMPLANT
1342	POST CATARAC FRAG/ASPIR	1609	ORBITOTOMY NEC
1343	CATARACT FRAG/ASPIR NEC	161	REMOVE PENETRAT FB EYE
1351	TEMP-INF XTRACAP LENS EX	1622	DIAGNOSTIC ASP OF ORBIT
1359	EXTRACAP LENS EXTRAC NEC	1623	EYEBALL & ORBIT BIOPSY
1361	EXTRACAP LENS EXTRAC NEC	1629	EYEBAL/ORBIT DX PROC NEC
1362	EXTRACAP LENS EXTRAC NEC	1631	EYE EVISC W SYNCH IMPLAN
1363	EXTRACAP LENS EXTRAC NEC	1639	EYEBALL EVISCERATION NEC
1364	AFTER-CATAR DISCISSION	1641	EYE ENUC/IMPLAN/MUSC ATT
1365	AFTER-CATARACT EXCISION	1642	EYE ENUC W IMPLANT NEC
1366	AFTER CATAR FRAGMENTATION	1649	EYEBALL ENUCLEATION NEC
1369	CATARACT EXTRACTION NEC	1651	RADICAL ORBITOMAXILLECT
1370	INSERT PSEUDOPHAKOS NOS	1652	ORBIT EXENT W BONE REMOV
1371	INSERT LENS AT CATAR EXT	1659	ORBITAL EXENTERATION NEC
1372	SECONDARY INSERT LENS	1661	2NDRY OCULAR IMP INSERT
138	IMPLANTED LENS REMOVAL	1662	REVIS/REINSERT OCUL IMP
139	OTHER OPERATIONS ON LENS	1663	REVIS ENUC SOCKET W GRFT
1390	OPERATION ON LENS NEC OCT06-	1664	ENUC SOCKET REVIS NEC
1391	IMPL INTRAOC TELESC PROS OCT06-	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
1426	CHORIORET LES RADIOTHER	1692	EXCISION ORBITAL LESION
1427	CHORIORET LES RAD IMPLAN	1693	EXCISION EYE LESION NOS
1429	CHORIORET LES DESTR NEC	1698	OPERATION ON ORBIT NEC
1431	RETINAL TEAR DIATHERMY	1699	OPERATION ON EYEBALL NEC
1432	RETINAL TEAR CRYOTHERAPY	1821	PREAURICULAR SINUS EXCIS
1439	RETINAL TEAR REPAIR NEC	1831	RAD EXCIS EXT EAR LES

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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
2185	AUGMENTATION RHINOPLASTY	2772	EXCISION OF UVULA
2186	LIMITED RHINOPLASTY	2773	REPAIR OF UVULA
2187	RHINOPLASTY NEC	2779	OTHER UVULA OPERATIONS
2188	SEPTOPLASTY NEC	2792	MOUTH INCISION NOS
2189	NASAL REPAIR NEC	2799	ORAL CAVITY OPS NEC
2199	NASAL OPERATION NEC	280	PERITONSILLAR I & D

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2811	TONSIL&ADENOID BIOPSY	323	SEGMENTAL LUNG RESECTION
2819	TONSIL&ADENOID DX OP NEC	324	LOBECTOMY OF LUNG
282	TONSILLECTOMY	325	COMPLETE PNEUMONECTOMY
283	TONSILLECTOMY/ADENOIDEC	326	RAD DISSEC THORAC STRUCT
284	EXCISION OF TONSIL TAG	329	OTHER EXCISION OF LUNG
285	EXCISION LINGUAL TONSIL	330	INCISION OF BRONCHUS
286	ADENOIDECTOMY	331	INCISION OF LUNG
287	HEMORR CONTRL POST T & A	3325	OPEN BRONCHIAL BIOPSY
2891	INCIS TO REMOV TONSIL FB	3327	CLOS ENDOSCOPIC LUNG BX
2892	EXCIS TONSIL/ADENOID LES	3328	OPEN LUNG BIOPSY
2899	TONSIL/ADENOID OPS NEC	3329	BRONCH/LUNG DX PROC NEC
290	PHARYNGOTOMY	3334	THORACOPLASTY
292	EXC BRONCHIAL CLEFT CYST	3339	SURG COLLAPS OF LUNG NEC
293	EXC BRONCHIAL CLEFT CYST	3341	BRONCHIAL LACERAT SUTURE
2931	CRICOPHARYNGEAL MYOTOMY	3342	BRONCHIAL FISTULA CLOS
2932	PHARYNGEAL DIVERTICULEC	3343	LUNG LACERATION CLOSURE
2933	PHARYNGECTOMY	3348	BRONCHIAL REPAIR NEC
2939	EXCIS/DESTR LES PHAR NEC	3349	LUNG REPAIR NEC
294	PLASTIC OP ON PHARYNX	335	LUNG REPAIR NEC
2951	SUTURE OF PHARYNGEAL LAC	3350	LUNG TRANSPLANT NOS
2952	CLOS BRANCH CLEFT FISTUL	3351	UNILAT LUNG TRANSPLANT
2953	CLOS PHARYNX FISTULA NEC	3352	BILAT LUNG TRANSPLANT
2954	LYSIS PHARYNGEAL ADHES	336	COMB HEART/LUNG TRANSPLA
2959	PHARYNGEAL REPAIR NEC	3392	BRONCHIAL LIGATION
2992	DIVIS GLOSSOPHARYNG NERV	3393	PUNCTURE OF LUNG
2999	PHARYNGEAL OPERATION NEC	3398	BRONCHIAL OPERATION NEC
3001	LARYNX CYST MARSUPIALIZ	3399	LUNG OPERATION NEC
3009	DESTRUCT LARYNX LES NEC	3402	EXPLORATORY THORACOTOMY
301	HEMILARYNGECTOMY	3403	REOPEN THORACOTOMY SITE
3021	EPIGLOTTIDECTOMY	341	INCISION OF MEDIASTINUM
3022	VOCAL CORDECTOMY	3421	TRANSPLEURA THORACOSCOPY
3029	OTHER PART LARYNGECTOMY	3422	MEDIASTINOSCOPY
303	COMPLETE LARYNGECTOMY	3426	OPEN MEDIASTINAL BIOPSY
304	RADICAL LARYNGECTOMY	3427	BIOPSY OF DIAPHRAGM
3121	MEDIASTINAL TRACHEOSTOMY	3428	DX PROCEDURE THORAX NEC
3129	OTHER PERM TRACHEOSTOMY	3429	DX PROC MEDIASTINUM NEC
313	INCIS LARYNX TRACHEA NEC	343	DESTRUCT MEDIASTIN LES
3145	OPN BX LARYNX OR TRACHEA	344	DESTRUCT CHEST WALL LES
315	LOCAL DESTRUC TRACH LES	3451	DECORTICATION OF LUNG
3161	SUTURE OF LARYNGEAL LAC	3459	OTHER PLEURAL EXCISION
3162	LARYNGEAL FISTULA CLOS	346	SCARIFICATION OF PLEURA
3163	LARYNGOSTOMY REVISION	3473	CLOS THORACIC FISTUL NEC
3164	LARYNGEAL FX REPAIR	3474	PECTUS DEFORMITY REPAIR
3169	OTHER LARYNGEAL REPAIR	3479	OTHER CHEST WALL REPAIR
3171	SUTURE OF TRACHEAL LACER	3481	EXCISE DIAPHRAGM LESION
3172	CLOSURE OF TRACHEOSTOMY	3482	SUTURE DIAPHRAGM LACERAT
3173	TRACHEA FISTULA CLOS NEC	3483	CLOSE DIAPHRAGM FISTULA
3174	REVISION OF TRACHEOSTOMY	3484	OTHER DIAPHRAGM REPAIR
3175	TRACHEAL RECONSTRUCTION	3485	IMPLANT DIAPHRA PACEMAKE
3179	OTHER TRACHEAL REPAIR	3489	DIAPHRAGM OPERATION NEC
3191	LARYNGEAL NERV DIVISION	3493	REPAIR OF PLEURA
3192	LYSIS TRACH/LARYNX ADHES	3499	THORACIC OPERATION NEC
3198	OTH LARYNGEAL OPERATION	3500	CLOSED VALVOTOMY NOS
3199	OTHER TRACHEAL OPERATION	3501	CLOSED AORTIC VALVOTOMY
320	OTHER TRACHEAL OPERATION	3502	CLOSED MITRAL VALVOTOMY
3209	OTHER DESTRUC BRONC LES	3503	CLOSED PULMON VALVOTOMY
321	OTHER BRONCHIAL EXCISION	3504	CLOSED TRICUSP VALVOTOMY
3221	EMPHYSEMA BLEB PPLICATION	3510	OPEN VALVULOPLASTY NOS
3222	LUNG VOL REDUCTION SURG	3511	OPN AORTIC VALVULOPLASTY
3223	OPEN ABLTN LUNG LES/TISS OCT06-	3512	OPN MITRAL VALVULOPLASTY
3224	PERC ABLTN LUNG LES/TISS OCT06-	3513	OPN PULMON VALVULOPLASTY
3225	THOR ABLTN LUNG LES/TISS OCT06-	3514	OPN TRICUS VALVULOPLASTY
3226	ABLTN LUNG TISS NEC/NOS OCT06-	3520	REPLACE HEART VALVE NOS
3229	DESTROY LOC LUNG LES NEC	3521	REPLACE AORT VALV-TISSUE

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3522	REPLACE AORTIC VALVE NEC	3710	INCISION OF HEART NOS
3523	REPLACE MITR VALV-TISSUE	3711	CARDIOTOMY
3524	REPLACE MITRAL VALVE NEC	3712	PERICARDIOTOMY
3525	REPLACE PULM VALV-TISSUE	3724	PERICARDIAL BIOPSY
3526	REPLACE PULMON VALVE NEC	3731	PERICARDIECTOMY
3527	REPLACE TRIC VALV-TISSUE	3732	HEART ANEURYSM EXCISION
3528	REPLACE TRICUSP VALV NEC	3733	EXC/DEST HRT LESION OPEN
3531	PAPILLARY MUSCLE OPS	3734	EXC/DEST HRT LES OTHER
3532	CHORDAE TENDINEAE OPS	3735	PARTIAL VENTRICULECTOMY
3533	ANNULOPLASTY	374	HEART & PERICARD REPAIR
3534	INFUNDIBULECTOMY	3741	IMPL CARDIAC SUPPORT DEV OCT05-
3535	TRABECUL CARNEAE CORD OP	3749	HEART/PERICARD REPR NEC OCT05-
3539	TISS ADJ TO VALV OPS NEC	375	HEART & PERICARD REPAIR
3542	CREATE SEPTAL DEFECT	3751	HEART TRANSPLANTATION (Oct 03)
3550	PROSTH REP HRT SEPTA NOS	3752	IMPLANT TOT REP HRT SYS
3551	PROS REP ATRIAL DEF-OPN	3753	REPL/REP THORAC UNIT HRT
3552	PROS REPAIR ATRIA DEF-CL	3754	REPL/REP OTH TOT HRT SYS
3553	PROST REPAIR VENTRIC DEF	3761	PULSATION BALLOON IMPLAN
3554	PROS REP ENDOCAR CUSHION	3762	IMPLANT HRT ASST SYS NEC
3555	PROS REP VENTRC DEF-CLOS OCT06-	3763	REPLACE HRT ASSIST SYST
3560	GRFT REPAIR HRT SEPT NOS	3764	REMOVE HEART ASSIST SYS
3561	GRAFT REPAIR ATRIAL DEF	3765	IMP EXT PUL HRT ASST SYS
3562	GRAFT REPAIR VENTRIC DEF	3766	IMP IMP PUL HRT ASST SYS
3563	GRFT REP ENDOCAR CUSHION	3767	IMP CARDIOMYOSTIMUL SYS
3570	HEART SEPTA REPAIR NOS	3774	INT OR REPL LEAD EPICAR
3571	ATRIA SEPTA DEF REP NEC	3775	REVISION OF LEAD
3572	VENTR SEPTA DEF REP NEC	3776	REPL TV ATRI-VENT LEAD
3573	ENDOCAR CUSHION REP NEC	3777	REMOVAL OF LEAD W/O REPL
3581	TOT REPAIR TETRAL FALLOT	3779	REVIS OR RELOCATE POCKET
3582	TOTAL REPAIR OF TAPVC	3780	INT OR REPL PERM PACEMKR
3583	TOT REP TRUNCUS ARTERIOS	3785	REPL PACEM W 1-CHAM, NON
3584	TOT COR TRANSPOS GRT VES	3786	REPL PACEM 1-CHAM, RATE
3591	INTERAT VEN RETRN TRANSP	3787	REPL PACEM W DUAL-CHAM
3592	CONDUIT RT VENT-PUL ART	3789	REVISE OR REMOVE PACEMAK
3593	CONDUIT LEFT VENTR-AORTA	3790	INS LEFT ATR APPEND DEV OCT04-
3594	CONDUIT ARTIUM-PULM ART	3791	OPN CHEST CARDIAC MASSAG
3595	HEART REPAIR REVISION	3794	IMPLT/REPL CARDDEFIB TOT
3596	PERC HEART VALVULOPLASTY	3795	IMPLT CARDIODEFIB LEADS
3598	OTHER HEART SEPTA OPS	3796	IMPLT CARDIODEFIB GENATR
3599	OTHER HEART VALVE OPS	3797	REPL CARDIODEFIB LEADS
3600	OTHER HEART VALVE OPS	3798	REPL CARDIODEFIB GENRATR
3601	PTCA-1 VES/ATH W/O AGENT	3799	OTHER HEART/PERICARD OPS
3602	PTCA-1 VES/ATH W AGENT	3800	INCISION OF VESSEL NOS
3603	OPEN CORONRY ANGIOPLASTY	3801	INTRACRAN VESSEL INCIS
3605	PTCA-MULTIPLE VESSEL/ATH	3802	HEAD/NECK VES INCIS NEC
3609	REM OF COR ART OBSTR NEC	3803	UPPER LIMB VESSEL INCIS
3610	AORTOCORONARY BYPASS NOS	3804	INCISION OF AORTA
3611	AORTOCOR BYPAS-1 COR ART	3805	THORACIC VESSEL INC NEC
3612	AORTOCOR BYPAS-2 COR ART	3806	ABDOMEN ARTERY INCISION
3613	AORTOCOR BYPAS-3 COR ART	3807	ABDOMINAL VEIN INCISION
3614	AORTCOR BYPAS-4+ COR ART	3808	LOWER LIMB ARTERY INCIS
3615	1 INT MAM-COR ART BYPASS	3809	LOWER LIMB VEIN INCISION
3616	2 INT MAM-COR ART BYPASS	3810	ENDARTERECTOMY NOS
3617	ABD-CORON ARTERY BYPASS	3811	INTRACRAN ENDARTERECTOMY
3619	HRT REVAS BYPS ANAS NEC	3812	HEAD & NECK ENDARTER NEC
362	ARTERIAL IMPLANT REVASC	3813	UPPER LIMB ENDARTERECTOM
363	ARTERIAL IMPLANT REVASC	3814	ENDARTERECTOMY OF AORTA
3631	OPEN CHEST TRANS REVASC	3815	THORACIC ENDARTERECTOMY
3632	OTH TRANSMYO REVASCULAR	3816	ABDOMINAL ENDARTERECTOMY
3633	ENDO TRANSMYO REVASCULAR OCT06-	3818	LOWER LIMB ENDARTERECT
3634	PERC TRANSMYO REVASCULAR OCT06-	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

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3832	HEAD/NECK VES RESEC-ANAS	3950	ANGIO/ATH NON-CORO VES
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 OCT05-
3846	ABD ARTERY RESEC W REPLA	3974	ENDO REM OBS HD/NECK VES OCT06-
3847	ABD VEIN RESECT W REPLAC	3979	ENDO REPAIR OTHER VESSEL
3848	LEG ARTERY RESEC W REPLA	398	VASCULAR BODY OPERATIONS
3849	LEG VEIN RESECT W REPLAC	3991	FREEING OF VESSEL
3850	VARICOSE V LIG-STRIP NOS	3992	VEIN INJECT-SCLEROS AGNT
3851	INTCRAN VAR V LIG-STRIP	3993	INSERT VES-TO-VES CANNUL
3852	HEAD/NECK VAR V LIG-STR	3994	REPLAC VES-TO-VES CANNUL
3853	ARM VARICOSE V LIG-STRIP	3998	HEMORRHAGE CONTROL NOS
3855	THORAC VAR V LIG-STRIP	3999	VESSEL OPERATION NEC
3857	ABD VARICOS V LIGA-STRIP	400	INCIS LYMPHATIC STRUCTUR
3859	LEG VARICOS V LIGA-STRIP	4011	LYMPHATIC STRUCT BIOPSY
3860	EXCISION OF VESSEL NOS	4019	LYMPHATIC DIAG PROC NEC
3861	INTRACRAN VESSEL EXCIS	4021	EXCIS DEEP CERVICAL NODE
3862	HEAD/NECK VESSEL EXCIS	4022	EXCISE INT MAMMARY NODE
3863	ARM VESSEL EXCISION	4023	EXCISE AXILLARY NODE
3864	EXCISION OF AORTA	4024	EXCISE INGUINAL NODE
3865	THORACIC VESSEL EXCISION	4029	SIMP EXC LYMPH STRUC NEC
3866	ABDOMINAL ARTERY EXCIS	403	REGIONAL LYMPH NODE EXC
3867	ABDOMINAL VEIN EXCISION	4040	RAD NECK DISSECTION NOS
3868	LEG ARTERY EXCISION	4041	UNILAT RAD NECK DISSECT
3869	LEG VEIN EXCISION	4042	BILAT RAD NECK DISSECT
387	INTERRUPTION VENA CAVA	4050	RAD NODE DISSECTION NOS
3880	SURG VESSEL OCCLUS NEC	4051	RAD DISSEC AXILLARY NODE
3881	OCCLUS INTRACRAN VES NEC	4052	RAD DISSEC PERIAORT NODE
3882	OCCLUS HEAD/NECK VES NEC	4053	RAD DISSECT ILIAC NODES
3883	OCCLUDE ARM VESSEL NEC	4054	RADICAL GROIN DISSECTION
3884	OCCLUDE AORTA NEC	4059	RAD NODE DISSECTION NEC
3885	OCCLUDE THORACIC VES NEC	4061	THORAC DUCT CANNULATION
3886	OCCLUDE ABD ARTERY NEC	4062	THORACIC DUCT FISTULIZAT
3887	OCCLUDE ABD VEIN NEC	4063	CLOSE THORACIC DUCT FIST
3888	OCCLUDE LEG ARTERY NEC	4064	LIGATE THORACIC DUCT
3889	OCCLUDE LEG VEIN NEC	4069	THORACIC DUCT OP NEC
390	SYSTEMIC-PULM ART SHUNT	409	LYMPH STRUCTURE OP NEC
391	INTRA-ABD VENOUS SHUNT	412	SPLENOTOMY
3921	CAVAL-PULMON ART ANASTOM	4133	OPEN SPLEEN BIOPSY
3922	AORTA-SUBCLV-CAROT BYPAS	4141	SPLENIC CYST MARSUPIAL
3923	INTRATHORACIC SHUNT NEC	4142	EXC SPLENIC LESION/TISS
3924	AORTA-RENAL BYPASS	4143	PARTIAL SPLENECTOMY
3925	AORTA-ILIAC-FEMOR BYPASS	415	TOTAL SPLENECTOMY
3926	INTRA-ABDOMIN SHUNT NEC	4193	EXC OF ACCESSORY SPLEEN
3927	DIALYSIS ARTERIOVENOSTOM	4194	SPLEEN TRANSPLANTATION
3928	EXTRACRAN-INTRACR BYPASS	4195	REPAIR OF SPLEEN
3929	VASC SHUNT & BYPASS NEC	4199	SPLEEN OPERATION NEC
3930	SUTURE OF VESSEL NOS	4201	ESOPHAGEAL WEB INCISION
3931	SUTURE OF ARTERY	4209	ESOPHAGEAL INCISION NEC
3932	SUTURE OF VEIN	4210	ESOPHAGOSTOMY NOS
3941	POSTOP VASC OP HEM CONTR	4211	CERVICAL ESOPHAGOSTOMY
3942	REVIS REN DIALYSIS SHUNT	4212	ESOPH POUCH EXTERIORIZAT
3943	REMOV REN DIALYSIS SHUNT	4219	EXT FISTULIZAT ESOPH NEC
3949	VASC PROC REVISION NEC	4221	ESOPHAGOSCOPY BY INCIS

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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 OCT04-
4240	ESOPHAGECTOMY NOS	4468	LAPAROSCOPI GASTROPLSTY OCT04-
4241	PARTIAL ESOPHAGECTOMY	4469	GASTRIC REPAIR NEC
4242	TOTAL ESOPHAGECTOMY	4491	LIGATE GASTRIC VARICES
4251	THORAC ESOPHAGOESOPHAGOS	4492	INTRAOP GASTRIC MANIPUL
4252	THORAC ESOPHAGOGASTROST	4495	LAP GASTRIC RESTRICT PROC OCT04-
4253	THORAC SM BOWEL INTERPOS	4496	LAP REV GAST RESTRI PROC OCT04-
4254	THORAC ESOPHAGOENTER NEC	4497	LAP REM GAST RESTRICT DEV OCT04-
4255	THORAC LG BOWEL INTERPOS	4498	ADJUST GAST RESTRICT DEV OCT04-
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 ESOPHAGOESOPHAGOST	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
4432	PERCU GASTROJEJUNOSTOMY	4620	ILEOSTOMY NOS
4438	LAP GASTROENTEROSTOMY OCT04-	4621	TEMPORARY ILEOSTOMY
4439	GASTROENTEROSTOMY NEC	4622	CONTINENT ILEOSTOMY
4440	SUTURE PEPTIC ULCER NOS	4623	PERMANENT ILEOSTOMY NEC
4441	SUT GASTRIC ULCER SITE	4640	INTEST STOMA REVIS NOS
4442	SUTURE DUODEN ULCER SITE	4641	SM BOWEL STOMA REVISION
445	REVISION GASTRIC ANASTOM	4642	PERICOLEST HERNIA REPAIR
4461	SUTURE GASTRIC LACERAT	4643	LG BOWEL STOMA REVIS NEC
4463	CLOSE GASTRIC FISTUL NEC	4650	INTEST STOMA CLOSURE NOS

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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	5023	OPN ABLTN LIVER LES/TISS OCT06-
4792	CLOSE APPENDICEAL FISTUL	5024	PERC ABLTN LIVER LES/TIS OCT06-
4799	APPENDICEAL OPS NEC	5025	LAP ABLTN LIVER LES/TISS OCT06-
480	PROCTOTOMY	5026	ABLTN LIVER LES/TISS NEC OCT06-
481	PROCTOSTOMY	5029	DESTRUC HEPATIC LES NEC
4821	TRANSAB PROCTOSIGMOIDOSC	503	HEPATIC LOBECTOMY
4825	OPEN RECTAL BIOPSY	504	TOTAL HEPATECTOMY
4835	LOCAL EXCIS RECTAL LES	5051	AUXILIARY LIVER TRANSPL
4841	SOAVE SUBMUC RECT RESECT	5059	LIVER TRANSPLANT NEC
4849	PULL-THRU RECT RESEC NEC	5061	CLOSURE LIVER LACERAT
485	ABD-PERINEAL RECT RESECT	5069	LIVER REPAIR NEC
4861	TRANSASAC RECTOSIGMOIDECT	5102	TROCAR CHOLECYSTOSTOMY
4862	ANT RECT RESECT W COLOST	5103	CHOLECYSTOSTOMY NEC
4863	ANTERIOR RECT RESECT NEC	5104	CHOLECYSTOTOMY NEC
4864	POSTERIOR RECT RESECTION	5113	OPEN BILIARY TRACT BX
4865	DUHAMEL RECTAL RESECTION	5119	BILIARY TR DX PROC NEC
4866	DUHAMEL RECTAL RESECTION	5121	OTH PART CHOLECYSTECTOMY
4869	RECTAL RESECTION NEC	5122	CHOLECYSTECTOMY
4871	SUTURE OF RECTAL LACER	5123	LAPAROSCOPIC CHOLECYSTEC
4872	CLOSURE OF PROCTOSTOMY	5124	LAP PART CHOLECYSTECTOMY
4873	CLOSE RECTAL FIST NEC	5131	GB-TO-HEPAT DUCT ANAST
4874	RECTORECTOSTOMY	5132	GB-TO-INTESTINE ANASTOM
4875	ABDOMINAL PROCTOPEXY	5133	GB-TO-PANCREAS ANASTOM
4876	PROCTOPEXY NEC	5134	GB-TO-STOMACH ANASTOMOS
4879	REPAIR OF RECTUM NEC	5135	GALLBLADDER ANASTOM NEC
4881	PERIRECTAL INCISION	5136	CHOLEDOCHOENTEROSTOMY
4882	PERIRECTAL EXCISION	5137	HEPATIC DUCT-GI ANASTOM
4891	INCIS RECTAL STRICTURE	5139	BILE DUCT ANASTOMOS NEC
4892	ANORECTAL MYOMECTOMY	5141	CDE FOR CALCULUS REMOV
4893	REPAIR PERIRECT FISTULA	5142	CDE FOR OBSTRUCTION NEC
4899	RECTAL PERIRECT OP NEC	5143	CHOLEDOCHOHEPAT INTUBAT
4901	INCIS PERIANAL ABSCESS	5149	INCIS OBSTR BILE DUC NEC
4902	PERIANAL INCISION NEC	5151	COMMON DUCT EXPLORATION
4904	PERIANAL EXCISION NEC	5159	BILE DUCT INCISION NEC

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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 NEPHROSTM 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	5532	OPN ABLTN RENAL LES/TISS OCT06-
5301	REPAIR DIRECT ING HERNIA	5533	PERC ABLTN RENL LES/TISS OCT06-
5302	REPAIR INDIR ING HERNIA	5534	LAP ABLTN RENAL LES/TISS OCT06-
5303	DIR ING HERNIA REP-GRAFT	5535	ABLTN RENAL LES/TISS NEC OCT06-
5304	IND ING HERNIA REP-GRAFT	5539	LOC DESTR RENAL LES NEC
5305	ING HERNIA REP-GRAFT NOS	554	PARTIAL NEPHRECTOMY
5310	BILAT ING HERNIA REP NOS	5551	NEPHROURETERECTOMY
5311	BILAT DIR ING HERN REP	5552	SOLITARY KIDNEY NEPHRECT
5312	BILAT IND ING HERN REP	5553	REJECTED KIDNEY NEPHRECT
5313	BIL DIR/IND ING HRN REP	5554	BILATERAL NEPHRECTOMY
5314	BIL DIR ING HRN REP-GRFT	5561	RENAL AUTOTRANSPLANT
5315	BIL IND ING HRN REP-GRFT	5569	KIDNEY TRANSPLANT NEC
5316	BIL DIR/IND ING HERN-PRO	557	NEPHROPEXY
5317	BIL ING HRN REP-GRFT NOS	5581	SUTURE KIDNEY LACERATION
5321	UNIL FEMOR HRN REP-GRFT	5582	CLOSE NEPHROST & PYELOST
5329	UNIL FEMOR HERN REP NEC	5583	CLOSE RENAL FISTULA NEC
5331	BIL FEM HERN REPAIR-GRFT	5584	REDUCE RENAL PEDICL TORS
5339	BIL FEM HERN REPAIR NEC	5585	SYMPHYSIOTOMY
5341	UMBIL HERNIA REPAIR-GRFT	5586	RENAL ANASTOMOSIS
5349	UMBIL HERNIA REPAIR NEC	5587	CORRECT URETEROPELV JUNC
5351	INCISIONAL HERNIA REPAIR	5589	RENAL REPAIR NEC
5359	ABD WALL HERN REPAIR NEC	5591	RENAL DECAPSULATION
5361	INCIS HERNIA REPAIR-GRFT	5597	IMPLANT MECHANIC KIDNEY
5369	ABD HERN REPAIR-GRFT NEC	5598	REMOV MECHANICAL KIDNEY

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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
5841	SUTURE URETHRAL LACERAT	6219	TESTES DX PROCEDURE NEC

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

† Age over 28 days.

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6739	CERVICAL LES DESTRUC NEC	7050	CYSTOCEL/RECTOCEL REPAIR
674	AMPUTATION OF CERVIX	7051	CYSTOCELE REPAIR
675	AMPUTATION OF CERVIX	7052	RECTOCELE REPAIR
6751	TRANSAB CERCLAGE CERVIX	7061	VAGINAL CONSTRUCTION
6759	OTH REP INT CERVICAL OS	7062	VAGINAL RECONSTRUCTION
6761	SUTURE CERVICAL LACERAT	7071	SUTURE VAGINA LACERATION
6762	CERVICAL FISTULA REPAIR	7072	REPAIR COLOVAGIN FISTULA
6769	CERVICAL REPAIR NEC	7073	REPAIR RECTOVAG FISTULA
680	HYSTEROTOMY	7074	REP VAGINOENT FISTUL NEC
6813	OPEN UTERINE BIOPSY	7075	REPAIR VAG FISTULA NEC
6814	OPEN UTERINE LIGAMENT BX	7076	HYMENORRHAPHY
6815	CLOS UTERINE LIGAMENT BX	7077	VAGINAL SUSPENS & FIXAT
6816	CLOSED UTERINE BIOPSY	7079	VAGINAL REPAIR NEC
6819	UTERUS/ADNEX DX PROC NEC	708	VAGINAL VAULT OBLITERAT
6821	ENDOMET SYNECHIAE DIVIS	7091	VAGINAL OPERATION NEC
6822	INCISION UTERINE SEPTUM	7092	CUL-DE-SAC OPERATION NEC
6823	ENDOMETRIAL ABLATION	7101	VULVAR ADHESIOLYSIS
6829	UTERINE LES DESTRUCT NEC	7109	INCIS VULVA/PERINEUM NEC
683	UTERINE LES DESTRUCT NEC	7111	VULVAR BIOPSY
6831	LAP SCERVIC HYSTERECTOMY	7119	VULVAR DIAGNOS PROC NEC
6839	OTH SUBTOT ABD HYSTERECT (Oct 03)	7122	INCISE BARTHOLIN'S GLAND
684	TOTAL ABD HYSTERECTOMY	7123	BARTHOLIN GLAND MARSUP
6841	LAP TOTAL ABDOMINAL HYST OCT06-	7124	DESTRUC BARTHOLIN GLAND
6849	TOTAL ABD HYST NEC/NOS OCT06-	7129	BARTHOLIN'S GLAND OP NEC
685	VAGINAL HYSTERECTOMY	713	LOCAL VULVAR EXCIS NEC
6851	LAP AST VAG HYSTERECTOMY	714	OPERATIONS ON CLITORIS
6859	VAG HYSTERECTOMY NEC/NOS	715	RADICAL VULVECTOMY
686	RADICAL ABD HYSTERECTOMY	7161	UNILATERAL VULVECTOMY
6861	LAP RADICAL ABDOMNL HYST OCT06-	7162	BILATERAL VULVECTOMY
6869	RADICAL ABD HYST NEC/NOS OCT06-	7171	SUTURE VULVAR LACERATION
687	RADICAL VAG HYSTERECTOMY	7172	REPAIR VULVAR FISTULA
6871	LAP RADICAL VAGINAL HYST OCT06-	7179	VULVAR/PERIN REPAIR NEC
6879	RADICAL VAG HYST NEC/NOS OCT06-	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

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7661	CL OSTEOPLASTY MAND RAMI	7744	METACARPAL/CARPAL BIOPSY
7662	OPEN OSTEOPLAS MAND RAMI	7745	FEMORAL BIOPSY
7663	OSTEOPLASTY MANDIBLE BDY	7746	PATELLAR BIOPSY
7664	MAND ORTHOGNATHIC OP NEC	7747	TIBIA & FIBULA BIOPSY
7665	SEG OSTEOPLASTY MAXILLA	7748	METATARSAL/TARSAL BIOPSY
7666	TOT OSTEOPLASTY MAXILLA	7749	BONE BIOPSY NEC
7667	REDUCTION GENIOPLASTY	7751	BUNIONECT/SFT/OSTEOTOMY
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

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7810	APPLIC EXT FIX DEV NOS	7877	OSTEOCLASIS-TIBIA/FIBULA
7811	APPL EXT FIX-CHEST CAGE	7878	OSTEOCLASIS-METATAR/TAR
7812	APPLIC EXT FIX-HUMERUS	7879	OSTEOCLASIS NEC
7813	APPL EXT FIX-RADIUS/ULNA	7880	OTHER BONE DX PROC NOS
7814	APPL EXT FIX-METACAR/CAR	7881	OTH DX PROCED-CHEST CAGE
7815	APPLIC EXT FIX DEV-FEMUR	7882	OTH DX PROCED-HUMERUS
7816	APPL EXT FIX DEV-PATELLA	7883	OTH DX PROC-RADIUS/ULNA
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

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7959	OPEN RED-SEP EIPHY NEC	8043	WRIST STRUCTURE DIVISION
7960	OPEN FX SITE DEBRIDE NOS	8044	HAND JOINT STRUCT DIVIS
7961	DEBRID OPEN FX-HUMERUS	8045	HIP STRUCTURE DIVISION
7962	DEBRID OPN FX-RADIUS/ULN	8046	KNEE STRUCTURE DIVISION
7963	DEBRID OPN FX-METAC/CAR	8047	ANKLE STRUCTURE DIVISION
7964	DEBRID OPN FX-FINGER	8048	FOOT JOINT STRUCT DIVIS
7965	DEBRID OPN FX-FEMUR	8049	JT STRUCTUR DIVISION NEC
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

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8124	ARTHRODESIS OF ELBOW	8203	BURSOTOMY OF HAND
8125	CARPORADIAL FUSION	8209	INC SOFT TISSUE HAND NEC
8126	METACARPOCARPAL FUSION	8211	TENOTOMY OF HAND
8127	METACARPOPHALANGEAL FUS	8212	FASCIOTOMY OF HAND
8128	INTERPHALANGEAL FUSION	8219	DIV SOFT TISSUE HAND NEC
8129	ARTHRODESIS NEC	8221	EXC LES TEND SHEATH HAND
8130	SPINAL REFUSION NOS	8222	EXCISION HAND MUSCLE LES
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	COLLATERAL LIG REPAIR NEC	8252	HAND TENDON RECESSION
8147	OTHER REPAIR OF KNEE	8253	HAND TENDON REATTACHMENT
8148	OTHER REPAIR OF KNEE	8254	HAND MUSCLE REATTACHMENT
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 RECONST
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 OCT04-	8284	REPAIR OF MALLET FINGER
8166	KYPHOPLASTY OCT04-	8285	OTHER TENODESIS OF HAND
8169	OTH HIP REPAIR JAN80--SEP89 OCT05-	8286	OTHER TENOPLASTY OF HAND
8171	ARTHROPLAS METACARP WIT	8289	HAND PLASTIC OP NEC
8172	ARTHROPLASTY METACARP 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

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835	BURSECTOMY	8462	INS TOT DISC PROST CERV OCT04-
8361	TENDON SHEATH SUTURE	8463	INS SPIN DISC PROS THOR OCT04-
8362	DELAYED TENDON SUTURE	8464	INS PART DISC PROS LUMB OCT04-
8363	ROTATOR CUFF REPAIR	8465	INS TOTL DISC PROS LUMB OCT04-
8364	OTHER SUTURE OF TENDON	8466	REVISE DISC PROST CERV OCT04-
8365	OTHER MUSCLE/FASC SUTURE	8467	REVISE DISC PROST THORA OCT04-
8371	TENDON ADVANCEMENT	8468	REVISE DISC PROSTH LUMB OCT04-
8372	TENDON RECESSION	8469	REVISE DISC PROSTH NOS OCT04-
8373	TENDON REATTACHMENT	8472	APP EXT FIX DEV-RING SYS OCT05-
8374	MUSCLE REATTACHMENT	8473	APP HYBRID EXT FIX DEV OCT05-
8375	TENDON TRNSFR/TRANSPLANT	8491	AMPUTATION NOS
8376	OTHER TENDON TRANSPOSIT	8492	SEPARAT EQUAL JOIN TWIN
8377	MUSCLE TRNSFR/TRANSPLANT	8493	SEPARAT UNEQU JOIN TWIN
8379	OTHER MUSCLE TRANSPOSIT	8499	MUSCULOSKELETAL OP NEC
8381	TENDON GRAFT	8512	OPEN BREAST BIOPSY
8382	MUSCLE OR FASCIA GRAFT	8520	BREAST TISSU DESTRUC NOS
8383	TENDON PULLEY RECONSTRUC	8521	LOCAL EXCIS BREAST LES
8384	CLUBFOOT RELEASE NEC	8522	QUADRANT RESECT BREAST
8385	MUSC/TEND LNG CHANGE NEC	8523	SUBTOTAL MASTECTOMY
8386	QUADRICEPSPLASTY	8524	EXC ECTOPIC BREAST TISSU
8387	OTHER PLASTIC OPS MUSCLE	8525	EXCISION OF NIPPLE
8388	OTHER PLASTIC OPS TENDON	8531	UNILAT REDUCT MAMMOPLAST
8389	OTHER PLASTIC OPS FASCIA	8532	BILAT REDUCT MAMMOPLASTY
8391	ADHESIOLYSIS MUS/TEN/FAS	8533	UNIL SUBQ MAMMECT-IMPLNT
8392	INSERT SKEL MUSC STIMULAT	8534	UNILAT SUBQ MAMMECT NEC
8393	REMOV SKEL MUSC STIMULAT	8535	BIL SUBQ MAMMECT-IMPLANT
8399	MUS/TEN/FAS/BUR OP NEC	8536	BILAT SUBQ MAMMECTOM NEC
8400	UPPER LIMB AMPUTAT NOS	8541	UNILAT SIMPLE MASTECTOMY
8401	FINGER AMPUTATION	8542	BILAT SIMPLE MASTECTOMY
8402	THUMB AMPUTATION	8543	UNILAT EXTEN SIMP MASTEC
8403	AMPUTATION THROUGH HAND	8544	BILAT EXTEND SIMP MASTEC
8404	DISARTICULATION OF WRIST	8545	UNILAT RADICAL MASTECTOM
8405	AMPUTATION THRU FOREARM	8546	BILAT RADICAL MASTECTOMY
8406	DISARTICULATION OF ELBOW	8547	UNIL EXT RAD MASTECTOMY
8407	AMPUTATION THRU HUMERUS	8548	BIL EXTEN RAD MASTECTOMY
8408	SHOULDER DISARTICULATION	8550	AUGMENT MAMMOPLASTY NOS
8409	FOREQUARTER AMPUTATION	8553	UNILAT BREAST IMPLANT
8410	LOWER LIMB AMPUTAT NOS	8554	BILATERAL BREAST IMPLANT
8411	TOE AMPUTATION	856	MASTOPEXY
8412	AMPUTATION THROUGH FOOT	857	TOTAL BREAST RECONSTRUCT
8413	DISARTICULATION OF ANKLE	8582	BREAST SPLIT-THICK GRAFT
8414	AMPUTAT THROUGH MALLEOLI	8583	BREAST FULL-THICK GRAFT
8415	BELOW KNEE AMPUTAT NEC	8584	BREAST PEDICLE GRAFT
8416	DISARTICULATION OF KNEE	8585	BREAST MUSCLE FLAP GRAFT
8417	ABOVE KNEE AMPUTATION	8586	TRANSPOSITION OF NIPPLE
8418	DISARTICULATION OF HIP	8587	NIPPLE REPAIR NEC
8419	HINDQUARTER AMPUTATION	8589	MAMMOPLASTY NEC
8421	THUMB REATTACHMENT	8593	BREAST IMPLANT REVISION
8422	FINGER REATTACHMENT	8594	BREAST IMPLANT REMOVAL
8423	FOREARM/WRIST/HAND REATT	8595	INSER BREAST TISSU EXPAN
8424	UPPER ARM REATTACHMENT	8596	REMOV BREAST TISSU EXPAN
8425	TOE REATTACHMENT	8599	BREAST OPERATION NEC
8426	FOOT REATTACHMENT	8606	INSERT INFUSION PUMP
8427	LOWER LEG/ANKLE REATTACH	8621	EXCISION OF PILONID CYST
8428	THIGH REATTACHMENT	8622	EXC WOUND DEBRIDEMENT
8429	REATTACHMENT NEC	8625	DERMABRASION
843	AMPUTATION STUMP REVIS	864	RADICAL EXCIS SKIN LES
8440	IMPLNT/FIT PROS LIMB NOS	8660	FREE SKIN GRAFT NOS
8444	IMPLANT ARM PROSTHESIS	8661	FULL-THICK HAND SKIN GRF
8448	IMPLANT LEG PROSTHESIS	8662	HAND SKIN GRAFT NEC
8458	IMP INTRSPINE DECOMP DEV OCT05-	8663	FULL-THICK SKIN GRFT NEC
8459	INSERT OTHR SPIN DEVICE	8665	HETEROGRAFT TO SKIN
8460	INSERT DISC PROS NOS OCT04-	8666	HOMOGRAFT TO SKIN
8461	INS PART DISC PROS CERV OCT04-	8667	DERMAL REGENER GRAFT

Appendix A: Operating Room Procedure Codes

8669 FREE SKIN GRAFT NEC
8670 PEDICLE GRAFT/FLAP NOS
8671 CUT & PREP PEDICLE GRAFT
8672 PEDICLE GRAFT ADVANCEMEN
8673 ATTACH PEDICLE TO HAND
8674 ATTACH PEDICLE GRAFT NEC
8675 REVISION OF PEDICLE GRFT
8681 REPAIR FACIAL WEAKNESS
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 OCT04-
8695 INS/REPL DUAL PULSE GEN OCT04-
8696 INSERT/REPL OTH NEUROST OCT04-
8697 INS/REP 1 PUL GEN OCT05-
8698 INS/REP 2 PUL GEN OCT05-
8753 INTRAOPER CHOLANGIOGRAM
9504 ANESTHETIZED EYE EXAM

Appendix B: Surgical Discharge DRGs

These codes are used by the following PSIs:

PDI	How Used
Accidental Puncture or Laceration (PDI 1) - Page 18	Denominator Inclusion - Page 18
Decubitus Ulcer (PDI 2) - Page 19	Denominator inclusion - Page 19
Foreign Body Left During Procedure (PDI 3) - Page 20	Denominator inclusion - Page 20
Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5) - Page 21	Denominator inclusion - Page 21
Postoperative Hemorrhage or Hematoma (PDI 8) - Page 33	Denominator inclusion - Page 34
Postoperative Respiratory Failure (PDI 9) - Page 35	Denominator inclusion - Page 35
Postoperative Sepsis (PDI 10) - Page 36	Denominator inclusion - Page 36
Selected Infections Due to Medical Care (PDI 12) - Page 43	Denominator inclusion - Page 43
Transfusion Reaction (PDI 13) - Page 43	Denominator inclusion - Page 43

In the table above, control-click (Word) or click (PDF) the **PDI** 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 PDI detailed definition.

003	CRANIOTOMY, AGE 0-17	075	MAJOR CHEST PROCEDURES
004*	SPINAL PROCEDURES	076	OTHER RESPIRATORY SYSTEM OR PROCEDURES W/ CC
005*	EXTRACRANIAL VASCULAR PROCEDURES	077	OTHER RESPIRATORY SYSTEM OR PROCEDURES W/O CC
006	CARPAL TUNNEL RELEASE	103	HEART TRANSPLANT
007	PERIPHERAL AND CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES W/ CC	104	CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/ CARDIAC CATHETERIZATION
008	PERIPHERAL AND CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES W/O CC	105	CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/O CARDIAC CATHETERIZATION
036	RETINAL PROCEDURES	106	CORONARY BYPASS W/ PTCA
037	ORBITAL PROCEDURES	107	CORONARY BYPASS W/ CARDIAC CATHETERIZATION
038	PRIMARY IRIS PROCEDURES	108	OTHER CARDIOTHORACIC PROCEDURES
039	LENS PROCEDURES W/ OR W/O VITRECTOMY	109	CORONARY BYPASS W/O CARDIAC CATHETERIZATION
041	EXTRAOCULAR PROCEDURES EXCEPT ORBIT, AGE 0-17	110	MAJOR CARDIOVASCULAR PROCEDURES W/ CC
042	INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS AND LENS	111	MAJOR CARDIOVASCULAR PROCEDURES W/O CC
049	MAJOR HEAD AND NECK PROCEDURES	112*	PERCUTANEOUS CARDIOVASCULAR PROCEDURES
050	SIALOADENECTOMY	113	AMPUTATION FOR CIRCULATORY SYSTEM DISORDERS EXCEPT UPPER LIMB AND TOE
051	SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY	114	UPPER LIMB AND TOES AMPUTATION FOR CIRCULATORY SITE
052	CLEFT LIP AND PALATE REPAIR	115	PERMANENT CARDIAC PACEMAKER IMPLANT W/ ACUTE MYOCARDIAL INFARCTION, HEART FAILURE OR SHOCK OR ACID LEAD OR GENERATOR PROCEDURE
054	SINUS AND MASTOID PROCEDURES, AGE 0-17	116	OTHER PERMANENT CARDIAC PACEMAKER IMPLANT OR PTCA W/ CORONARY ARTERIAL STENT
055	MISCELLANEOUS EAR, NOSE, MOUTH AND THROAT PROCEDURES	117	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT
056	RHINOPLASTY		
058	TONSILLECTOMY AND ADNOIDECTOMY PROCEDURES EXCEPT TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE 0-17		
060	TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE 0 – 17		
062	MYRINGOTOMY W/ TUBE INSERTION, AGE 0-17		
063	OTHER EAR, NOSE, MOUTH AND THROAT OR PROCEDURES		

Appendix B: Surgical Discharge DRGs

118	CARDIAC PACEMAKER DEVICE REPLACEMENT	209	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF LOWER EXTREMITY
119	VEIN LIGATION AND STRIPPING	212	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURE, AGE 0-17
120	OTHER CIRCULATORY SYSTEM OR PROCEDURES	213	AMPUTATION FOR MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DISORDERS
146	RECTAL RESECTION W/ CC	214*	BACK & NECK PROCEDURES W CC
147	RECTAL RESECTION W/O CC	215*	BACK & NECK PROCEDURES W/O CC
148	MAJOR SMALL AND LARGE BOWEL PROCEDURES W/ CC	216	BIOPSIES OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE
149	MAJOR SMALL AND LARGE BOWEL PROCEDURES W/O CC	217	WOUND DEBRIDEMENT AND SKIN GRAFT EXCEPT HAND FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DISORDERS
150	PERITONEAL ADHESIOLYSIS W/ CC	220	LOWER EXTREMITY AND HUMERUS PROCEDURES EXCEPT HIP, FOOT AND FEMUR, AGE 0-17
151	PERITONEAL ADHESIOLYSIS W/O CC	221*	KNEE PROCEDURES W CC
152	MINOR SMALL AND LARGE BOWEL PROCEDURES W/ CC	222*	KNEE PROCEDURES W/O CC
153	MINOR SMALL AND LARGE BOWEL PROCEDURES W/O CC	223	MAJOR SHOULDER/ELBOW PROCEDURES OR OTHER UPPER EXTREMITY PROCEDURES W/ CC
156	STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE 0-17	224	SHOULDER, ELBOW OR FOREARM PROCEDURES EXCEPT MAJOR JOINT PROCEDURES W/O CC
157	ANAL AND STOMAL PROCEDURES W/ CC	225	FOOT PROCEDURES
158	ANAL AND STOMAL PROCEDURES W/O CC	226	SOFT TISSUE PROCEDURES W/ CC
163	HERNIA PROCEDURES, AGE 0-17	227	SOFT TISSUE PROCEDURES W/O CC
164	APPENDECTOMY W/ COMPLICATED PRINCIPAL DIAGNOSIS W/ CC	228	MAJOR THUMB OR JOINT PROCEDURES OR OTHER HAND OR WRIST PROCEDURES W/ CC
165	APPENDECTOMY W/ COMPLICATED PRINCIPAL DIAGNOSIS WIHTOUT CC	229	HAND OR WRIST PROCEDURES EXCEPT MAJOR JOINT PROCEDURES W/O CC
166	APPENDECTOMY W/O COMPLICATED PRINCIPAL IAGNOSIS W/ CC	230	LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES OF HIP AND FEMUR
167	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAGNOSIS W/O CC	231*	LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES EXCEPT HIP AND FEMUR
168	MOUTH PROCEDURES W/ CC	232	ARTHROSCOPY
169	MOUTH PROCEDURES W/O CC	233	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE OR PROCEDURES W/ CC
170	OTHER DIGESTIVE SYSTEM OR PROCEDURES W/ CC	234	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE OR PROCEDURES W/O CC
171	OTHER DIGESTIVE SYSTEM OR PROCEDURES W/O CC	257	TOTAL MASTECTOMY FOR MALIGNANCY W/ CC
191	PANCREAS, LIVER AND SHUNT PROCEDURES W/ CC	258	TOTAL MASTECTOMY FOR MALIGNANCY W/O CC
192	PANCREAS, LIVER AND SHUNT PROCEDURES W/O CC	259	SUBTOTAL MASTECTOMY FOR MALIGNANCY W/ CC
193	BILIARY TRACT PROCEDURES EXCEPT ONLY CHOLECYSTECTOIMY W/ OR W/O COMMON DUCT EXPLORATION W/ CC	260	SUBTOTAL MASTECTOMY FOR MALIGNANCY W/O CC
194	BILIARY TRACT PROCEDURES EXCEPT ONLY CHOLECYSTECTOMY W/ OR W/O COMMON DUCT EXPLORATION W/O CC	261	BREAST PROCEDURE FOR NONMALIGNANCY EXCEPT BIOPSY AND LOCAL EXCISION
195	CHOLECYSTECTOMY W/ COMMON DUCT EXPLORATION W/ CC	262	BREAST BIOPSY AND LOCAL EXCISION FOR NONMALIGNANCY
196	CHOLECYSTECTOMY W/ COMMON DUCT EXPLORATION W/O CC	263	SKIN GRAFT AND/OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS W/ CC
197	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O COMMON DUCT EXPLORATION W/ CC	264	SKIN GRAFT AND OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS W/O CC
198	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O COMMON DUCT EXPORTATION W/O CC		
199	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY		
200	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR NONMALIGNANCY		
201	OTHER HEPATOBIILIARY OR PANCREAS OR PROCEDURES		

Appendix B: Surgical Discharge DRGs

265	SKIN GRAFT AND OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS W/ CC	345	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES EXCEPT FOR MALIGNANCY
266	SKIN GRAFT AND/OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS W/O CC	353	PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND RADICAL VULVECTOMY
267	PERIANAL AND PILONIDAL PROCEDURES	354	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXAL MALIGNANCY W/ CC
268	SKIN, SUBCUTANEOUS TISSUE AND BREAST PLASTIC PROCEDURES	355	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXA PROCEDURES W/O CC
269	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST PROCEDURES W/ CC	356	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES
270	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST PROCEDURES W/O CC	357	UTERINE AND ADNEXA PROCEDURES FOR OVARIAN OR ADNEXAL MALIGNANCY
285	AMPUTATION OF LOWER LIMB FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS	358	UTERINE AND ADNEXA PROCEDURES FOR NONMALIGNANCY W/ CC
286	ADRENAL AND PITUITARY PROCEDURES	359	UTERINE AND ADNEXA PROCEDURES FOR NONMALIGNANCY W/O CC
287	SKIN GRAFTS AND WOUND DEBRIDEMENTS FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS	360	VAGINA, CERVIX AND VULVA PROCEDURES
288	OR PROCEDURES FOR OBESITY	361	LAPAROSCOPY AND INCISIONAL TUBAL INTERRUPTION
289	PARATHYROID PROCEDURES	362	ENDOSCOPIC TUBAL INTERRUPTION
290	THYROID PROCEDURES	363	D AND C, CONIZATION AND RADIOIMPLANT FOR MALIGNANCY
291	THYROIDECTOMY PROCEDURES	364	D AND C, CONIZATION EXCEPT FOR MALIGNANCY
292	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC OR PROCEDURES W/ CC	365	OTHER FEMALE REPRODUCTIVE SYSTEM OR PROCEDURES
293	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC OR PROCEDURES W/O CC	370	CESAREAN SECTION W/ CC
302	KIDNEY TRANSPLANT	371	CESAREAN SECTION W/O CC
303	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NEOPLASM	374	VAGINAL DELIVERY W/ STERILIZATION AND/OR D AND C
304	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NONNEOPLASMS W/ CC	375	VAGINAL DELIVERY W/ OR PROCEDURE EXCEPT STERILIZATION AND/OR D AND C
305	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NONEOPLASMS W/O CC	377	POSTPARTUM AND POSTABORTION DIAGNOSES W/ OR PROCEDURE
306	PROSTATECTOMY W/ CC	381	ABORTION W/ D AND C ASPIRATION CURETTAGE OR HYSTERECTOMY
307	PROSTATECTOMY W/O CC	393	SPLENECTOMY, AGE 0-17
308	MINOR BLADDER PROCEDURES W/ CC	394	OTHER OR PROCEDURES OF THE BLOOD AND BLOOD-FORMING ORGANS
309	MINOR BLADDER PROCEDURES W/O CC	400*	LYMPHOMA AND LEUKEMIA W/ MAJOR OR PROCEDURES
310	TRANSURETHRAL PROCEDURES W/ CC	401	LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/ CC
311	TRANSURETHRAL PROCEDURES W/O CC	402	LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/O CC
314	URETHRAL PROCEDURES, AGE 0-17	406	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURES W/ CC
315	OTHER KIDNEY AND URINARY TRACT OR PROCEDURES	407	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURES W/O CC
334	MAJOR MALE PELVIC PROCEDURES W/ CC	408	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ OTHER OR PROCEDURES
335	MAJOR MALE PELVIC PROCEDURES W/O CC	415	OR PROCEDURE FOR INFECTIOUS AND PARASITIC DISEASES
336	TRANSURETHRAL PROSTATECTOMY W/ CC	424	OR PROCEDURES W/ PRINCIPAL DIAGNOSIS OF MENTAL ILLNESS
337	TRANSURETHRAL PROSTATECTOMY W/O CC		
338	TESTES PROCEDURES FOR MALIGNANCY		
340	TESTES PROCEDURES FOR NONMALIGNANCY, AGE 0-17		
341	PENIS PROCEDURES		
343	CIRCUMCISION, AGE 0-17		
344	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES FOR MALIGNANCY		

Appendix B: Surgical Discharge DRGs

439	SKIN GRAFTS FOR INJURIES	506	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W CC OR SIG TRAUMA
440	WOUND DEBRIDEMENTS FOR INJURIES	507	FULL THICKNESS BURN W SKIN GRFT OR INHAL INJ W/O CC OR SIG TRAUMA
441	HAND PROCEDURES FOR INJURIES	512	SIMULTANEOUS PANCREAS/KIDNEY TRANSPLANT
442	OTHER OR PROCEDURES FOR INJURIES W/ CC	513	PANCREAS TRANSPLANT
443	OTHER OR PROCEDURES FOR INJURIES W/O CC	514*	CARDIAC DEFIBRILLATOR IMPLANT W CARDIAC CATH
458*	NON-EXTENSIVE BURNS W SKIN GRAFT	515	CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH
459*	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC	516	PERCUTANEOUS CARDIOVASC PROC W AMI
461	OR PROCEDURES W/ DIAGNOSES OF OTHER CONTACT W/ HEALTH SERVICES	517	PERC CARDIO PROC W NON-DRUG ELUTING STENT W/O AMI
468	EXTENSIVE OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	518	PERC CARDIO PROC W/O CORONARY ARTERY STENT OR AMI
471	BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREMITY	519	CERVICAL SPINAL FUSION W CC
472*	EXTENSIVE BURNS W O.R. PROCEDURE	520	CERVICAL SPINAL FUSION W/O CC
476	PROSTATIC OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	525	HEART ASSIST SYSTEM IMPLANT (OCT 02)
477	NONEXTENSIVE OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	526	PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT W AMI (APR 03)
478	OTHER VASCULAR PROCEDURES W/ CC	527	PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT W/O AMI (APR 03)
479	OTHER VASCULAR PROCEDURES W/O CC	528	INTRACRANIAL VASCULAR PROC W PDX HEMORRHAGE (OCT 03)
480	LIVER TRANSPLANT	529	VENTRICULAR SHUNT PROCEDURES W CC (OCT 03)
481	BONE MARROW TRANSPLANT	530	VENTRICULAR SHUNT PROCEDURES W/O CC (OCT 03)
482	TRACHEOSTOMY FOR FACE, MOUTH AND NECK DIAGNOSES	531	SPINAL PROCEDURES W CC (OCT 03)
483*	TRACHEOSTOMY EXCEPT FOR FACE, MOUTH AND NECK DIAGNOSES	532	SPINAL PROCEDURES W/O CC (OCT 03)
484	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA	533	EXTRACRANIAL PROCEDURES W CC (OCT 03)
485	LIMB REATTACHMENT, HIP AND FEMUR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA	534	EXTRACRANIAL PROCEDURES W/O CC (OCT 03)
486	OTHER OR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA	535	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK (OCT 03)
488	HIV W/ EXTENSIVE OR PROCEDURE	536	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK (OCT 03)
491	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY	537	LOCAL EXCIS & REMOV OF INT FIX DEV EXCEPT HIP & FEMUR W CC (OCT 03)
493	LAPAROSCOPIC CHOLECYSTECTOMY W/O COMMON DUCT EXPLORATION W/ CC	538	LOCAL EXCIS & REMOV OF INT FIX DEV EXCEPT HIP & FEMUR W/O CC (OCT 03)
494	LAPAROSCOPIC CHOLECYSTECTOMY W/O COMMON DUCT EXPLORATION W/O CC	539	LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W CC (OCT 03)
495	LUNG TRANSPLANT	540	LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W/O CC (OCT 03)
496	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION	541	TRACH W MV 96+HRS OR PDX EXC FACE, MTH, FACE & NECK DX W/MAJ OR OCT04-
497	SPINAL FUSION W/ CC	542	TRACH W MV 96+HRS OR PDX EXC FACE, MTH, FACE & NECK DX W/O MJ OR OCT04-
498	SPINAL FUSION W/O CC	543	CRANIOTOMY WITH IMPLANTATION OF CHEMOTHERAPEUTIC AGENT OR ACUTE COMPLEX CENTRAL NERVOUS SYSTEM PRINCIPAL DIAGNOSIS OCT04-
499	BACK AND NECK PROCEDURES EXCEPT SPINAL FUSION W/ CC	544	MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY OCT05-
500	BACK AND NECK PROCEDURES EXCEPT SPINAL FUSION W/O CC	545	REVISION OF HIP OR KNEE REPLACEMENT OCT05-
501	KNEE PROCEDURES W/ PRINCIPAL DIAGNOSIS OF INFECTION, W/ CC		
502	KNEE PROCEDURES W/ PRINCIPAL DIAGNOSIS OF INFECTION, W/O CC		
503	KNEE PROCEDURES W/O PRINCIPAL DIAGNOSIS OF INFECTION		
504	EXTENSIVE 3RD DEGREE BURNS W SKIN GRAFT		

Appendix B: Surgical Discharge DRGs

546	SPINAL FUSION EXC CERV WITH CURVATURE OF THE SPINE OR MALIG OCT05-	556	PERCUTANEOUS CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MAJ CV DX OCT05-
547	CORONARY BYPASS W CARDIAC CATH W MAJOR CV DX OCT05-	557	PERCUTANEOUS CARDIOVASCULAR PROC W DRUG-ELUTING STENT W MAJOR CV DX OCT05-
548	CORONARY BYPASS W CARDIAC CATH W/O MAJOR CV DX OCT05-	558	PERCUTANEOUS CARDIOVASCULAR PROC W DRUG-ELUTING STENT W/O MAJ CV DX OCT05-
549	CORONARY BYPASS W/O CARDIAC CATH W MAJOR CV DX	569	MAJOR SMALL & LARGE BOWEL PROCEDURES W CC W MAJOR GI DX OCT06-
550	CORONARY BYPASS W/O CARDIAC CATH W/O MAJOR CV DX OCT05-	570	MAJOR SMALL & LARGE BOWEL PROCEDURES W CC W/O MAJOR GI DX OCT06-
551	PERMANENT CARDIAC PACEMAKER IMPL W MAJ CV DX OR AICD LEAD OR GNRTR OCT05-	573	MAJOR BLADDER PROCEDURES OCT06-
552	OTHER PERMANENT CARDIAC PACEMAKER IMPLANT W/O MAJOR CV DX OCT05-	577	CAROTID ARTERY STENT PROCEDURE OCT06-
553	OTHER VASCULAR PROCEDURES W CC W MAJOR CV DX OCT05-	578	INFECTIOUS & PARASITIC DISEASES W OR PROCEDURE OCT06-
554	OTHER VASCULAR PROCEDURES W CC W/O MAJOR CV DX OCT05-	579	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W OR PROCEDURE OCT06-
555	PERCUTANEOUS CARDIOVASCULAR PROC W MAJOR CV DX OCT05-		

* No longer valid in FY2005

Appendix C: ICD-9-CM Codes for High-risk Immunocompromised States

These codes are used by the following PDIs:

PDI	How Used
Postoperative Wound Dehiscence (PDI 11) - Page 37	Denominator exclusion - Page 37
Urinary Tract Infection Admission Rate (PDI 18) - Page 47	Numerator exclusion - Page 47
Selected Infections Due to Medical Care (PDI 12) - Indicator-specific Stratification - Page 11	High Risk Group - Page 11

In the table above, control-click (Word) or click (PDF) the **PDI** 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 PDI detailed definition.

ICD-9-CM high-risk immunocompromised states diagnosis codes:

042	HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	20501	ACT MYL LEUK W RMSION
1363	PNEUMOCYSTOSIS	2051	CHRONIC MYELOID LEUKEMIA
20000	RETCLSRC UNSP XTRNDL ORG	20510	CHR MYL LEUK W/O RMSION
20001	RETICULOSARCOMA HEAD	20511	CHR MYL LEUK W RMSION
20002	RETICULOSARCOMA THORAX	2052	SUBACUT MYELOID LEUKEMIA
20003	RETICULOSARCOMA ABDOM	20520	SBAC MYL LEUK W/O RMSION
20004	RETICULOSARCOMA AXILLA	20521	SBAC MYL LEUK W RMSION
20005	RETICULOSARCOMA INGUIN	2053	MYELOID SARCOMA
20006	RETICULOSARCOMA PELVIC	20530	MYL SRCOMA W/O RMSION
20007	RETICULOSARCOMA SPLEEN	20531	MYL SRCOMA W RMSION
20008	RETICULOSARCOMA MULT	2058	MYELOID LEUKEMIA NEC
20010	LYMPHSRC UNSP XTRNDL ORG	20580	OTH MYL LEUK W/O RMSION
20011	LYMPHOSARCOMA HEAD	20581	OTH MYL LEUK W RMSION
20012	LYMPHOSARCOMA THORAX	2059	MYELOID LEUKEMIA NOS
20013	LYMPHOSARCOMA ABDOM	20590	UNS MYL LEUK W/O RMSION
20014	LYMPHOSARCOMA AXILLA	20591	UNS MYL LEUK W RMSION
20015	LYMPHOSARCOMA INGUIN	2060	ACUTE MONOCYTIC LEUKEMIA
20016	LYMPHOSARCOMA PELVIC	20600	ACT MONO LEUK W/O RMSION
20017	LYMPHOSARCOMA SPLEEN	20601	ACT MONO LEUK W RMSION
20018	LYMPHOSARCOMA MULT	2061	CHR MONOCYTIC LEUKEMIA
20020	BRKT TMR UNSP XTRNDL ORG	20610	CHR MONO LEUK W/O RMSION
20021	BURKITT'S TUMOR HEAD	20611	CHR MONO LEUK W RMSION
20022	BURKITT'S TUMOR THORAX	2062	SUBAC MONOCYTIC LEUKEMIA
20023	BURKITT'S TUMOR ABDOM	20620	SBAC MONO LEUK W/O RMSON
20024	BURKITT'S TUMOR AXILLA	20621	SBAC MONO LEUK W RMSION
20025	BURKITT'S TUMOR INGUIN	2068	MONOCYTIC LEUKEMIA NEC
20026	BURKITT'S TUMOR PELVIC	20680	OTH MONO LEUK W/O RMSION
20027	BURKITT'S TUMOR SPLEEN	20681	OTH MONO LEUK W RMSION
20028	BURKITT'S TUMOR MULT	2069	MONOCYTIC LEUKEMIA NOS
20080	OTH VARN UNSP XTRNDL ORG	20690	UNS MONO LEUK W/O RMSION
20081	MIXED LYMPHOSARC HEAD	20691	UNS MONO LEUK W RMSION
20082	MIXED LYMPHOSARC THORAX	2070	ACUTE ERYTHREMIA
20083	MIXED LYMPHOSARC ABDOM	20700	ACT ERYTH/ERYLK W/O RMSON
20084	MIXED LYMPHOSARC AXILLA	20701	ACT ERYTH/ERYLK W RMSON
20085	MIXED LYMPHOSARC INGUIN	2071	CHRONIC ERYTHREMIA
20086	MIXED LYMPHOSARC PELVIC	20710	CHR ERYTHRM W/O REMISION
20087	MIXED LYMPHOSARC SPLEEN	20711	CHR ERYTHRM W REMISION
20088	MIXED LYMPHOSARC MULT	2072	MEGAKARYOCYTIC LEUKEMIA
2050	ACUTE MYELOID LEUKEMIA	20720	MGKRYCYT LEUK W/O RMSION
20500	ACT MYL LEUK W/O RMSION	20721	MGKRYCYT LEUK W RMSION
		2078	SPECIFIED LEUKEMIA NEC

Appendix C: ICD-9-CM Codes for High-risk Immunocompromised States

20780	OTH SPF LEUK W/O REMSION	2884	HEMOPHAGOCYTIC SYNDROMES
20781	OTH SPF LEUK W REMSION		OCT06-
2080	ACT LEUK UNS CL W/O RMSN	28850	LEUKOCYTOPENIA NOS OCT06-
20800	ACT LEUK UNS CL W/O RMSN	28851	LYMPHOCYTOPENIA OCT06-
20801	ACT LEUK UNS CL W RMSN	28859	DECREASED WBC COUNT NEC OCT06-
2081	CHRONIC LEUKEMIA NOS	28953	NEUTROPENIC SPLENOMEGALY OCT06-
20810	CHR LEUK UNS CL W/O RMSN	28983	MYELOFIBROSIS OCT06-
20811	CHR LEUK UNS CL W RMSN	40301	HYPERTENSIVE RENAL DISEASE, MALIGNANT W RENAL FAILURE
2082	SUBACUTE LEUKEMIA NOS	40311	HYPERTENSIVE RENAL DISEASE, BENIGH W RENAL FAILURE
20820	SBAC LEUK UNS CL W/O RMS	40391	HYPERTENSIVE RENAL DISEASE, NOS W RENAL FAILURE
20821	SBAC LEUK UNS CL W RMSN	40402	HYPERTENSIVE HEART AND RENAL DISEASE MALIGNANT W RENAL FAILURE
2088	LEUKEMIA-UNSPEC CELL NEC	40403	HYPERTENSIVE HEART AND RENAL DISEASE MALIGNANT W CONGESTIVE HEART AND RENAL FAILURE
20880	OTH LEUK UNS CL W/O RMSN	40412	HYPERTENSIVE HEART AND RENAL DISEASE BENIGH W RENAL FAILURE
20881	OTH LEUK UNS CL W RMSN	40413	HYPERTENSIVE HEART AND RENAL DISEASE BENIGH W CONGESTIVE HEART AND RENAL FAILURE
2089	LEUKEMIA-UNSPEC CELL NOS	40492	HYPERTENSIVE HEART AND RENAL DISEASE NOS W RENAL FAILURE
20890	LEUKEMIA NOS W/O REMSION	40493	HYPERTENSIVE HEART AND RENAL DISEASE NOS W CONGESTIVE HEART AND RENAL FAILURE
20891	LEUKEMIA NOS W REMISSIO	5793	OTHER AND UNSPECIFIED
23873	HI GRDE MYELODYS SYN LES OCT06-		POSTSURGICAL NONABSORPTION
23876	MYELOFI W MYELO METAPLAS OCT06-	585	CHRONIC KIDNEY DISEASE
260	KWASHIORKOR	5855	CHRONIC KIDNEY DISEASE STAGE V
261	NUTRITIONAL MARASMUS	5856	END STAGE RENAL DISEASE
262	OTHER SEVERE PROTEIN CALORIE MALNUTRITION	9968	COMPLICATIONS OF TRANSPLANTED ORGAN
27900	HYPOGAMMAGLOBULINEMIA NOS	99680	COMP ORGAN TRANSPLNT NOS
27901	SELECTIVE IGA IMMUNODEFICIENCY	99681	COMPL KIDNEY TRANSPLANT
27902	SELECTIVE IGM IMMUNODEFICIENCY	99682	COMPL LIVER TRANSPLANT
27903	OTHER SELECTIVE IMMUNOGLOBULIN DEFICIENCIES	99683	COMPL HEART TRANSPLANT
27904	CONGENITAL	99684	COMPL LUNG TRANSPLANT
	HYPOGAMMAGLOBULINEMIA	99685	COMPL MARROW TRANSPLANT
27905	IMMUNODEFICIENCY WITH INCREASED IGM	99686	COMPL PANCREAS TRANSPLNT
27906	COMMON VARIABLE	99687	COMP INTESTINE TRANSPLNT
	IMMUNODEFICIENCY	99689	COMP OTH ORGAN TRANSPLNT
27909	DEFICIENCY OF HUMORAL IMMUNITY, OTHER	V420	KIDNEY REPLACED BY TRANSPLANT
27910	IMMUNODEFICIENCY WITH PREDOMINANT T-CELL DEFECT NOS	V421	HEART REPLACED BY TRANSPLANT
27911	DIGEORGE'S SYNDROME	V426	LUNG REPLACED BY TRANSPLANT
27912	WISKOTT-ALDRICH SYNDROME	V427	LIVER REPLACED BY TRANSPLANT
27913	NEZLOF'S SYNDROME	V428	OTHER SPECIFIED ORGAN OR TISSUE
27919	DEFICIENCY OF CELL-MEDIATED IMMUNITY, OTHER	V4281	BONE MARROW SPECIFIED BY TRANSPLANT
2792	COMBINED IMMUNITY DEFICIENCY	V4282	PERIPHERAL STEM CELLS REPLACED BY TRANSPLANT
2793	UNSPECIFIED IMMUNITY DEFICIENCY	V4283	PANCREAS REPLACED BY TRANSPLANT
2794	AUTOIMMUNE DISEASE, NOT ELSEWHERE CLASSIFIED	V4284	INTESTINES REPLACE BY TRANSPLANT
2798	OTHER SPECIFIED DISORDERS INVOLVING THE IMMUNE MECHANISM	V4289	OTHER REPLACED BY TRANSPLANT
2799	UNDSPECIFIED DISORDER OF IMMUNE MECHANISM	V451	RENAL DIALYSIS STATUS
28409	CONST APLASTC ANEMIA NEC OCT06-	V560	EXTRACORPOREAL DIALYSIS
2841	PANCYTOPENIA OCT06-	V561	FITTING AND ADJUSTMENT OF EXTRACORPOREAL DIALYSIS CATHETER
2880	AGRANULOCYTOSIS		
28800	NEUTROPENIA NOS OCT06-		
28801	CONGENITAL NEUTROPENIA OCT06-		
28802	CYCLIC NEUTROPENIA OCT06-		
28803	DRUG INDUCED NEUTROPENIA OCT06-		
28809	NEUTROPENIA NEC OCT06-		
2881	FUNCTIONAL DISORDERS OF POLYMORPHONUCLEAR NEUTROPHILS		
2882	GENETIC ANOMALIES OF LUKOCYTES		

Appendix C: ICD-9-CM Codes for High-risk Immunocompromised States

V562	FITTING AND ADJUSTMENT OF PERITONEAL DIALYSIS CATHETER	V5632	ENCOUNTER FOR ADEQUACY TESTING FOR PERITONEAL DIALYSIS
V563	ENCOUNTER FOR ADEQUACY TESTING FOR DIALYSIS	V568	OTHER DIALYSIS
V5631	ENCOUNTER FOR ADEQUACY TESTING FOR HEMODIALYSIS		

ICD-9-CM high-risk immunocompromised states procedure codes:

335	LUNG TRANSPLANT	4107	AUTO HEM STEM CT W PURG
3350	LUNG TRANSPLANT NOS	4108	ALLO HEM STEM CT W PURG
3351	UNILAT LUNG TRANSPLANT	4109	AUTO BONE MT W PURGING
3352	BILAT LUNG TRANSPLANT	5051	AUXILIARY LIVER TRANSPL
336	COMBINED HEART-LUNG TRANSPLANTATION	5059	LIVER TRANSPLANT NEC
375	HEART TRANSPLANTATION	5280	PANCREATIC TRANSPLANT, NOS
3751	HEART TRANSPLANTATION	5281	REIMPLANTATION OF PANCREATIC TISSUE
410	OPERATIONS ON BONE MARROW AND SPLEEN	5282	REIMPLANTATION OF PANCREATIC TISSUE
4100	BONE MARROW TRNSPLNT NOS	5283	HETEROTRANSPLANT OF PANCREAS
4101	AUTO BONE MT W/O PURG	5285	ALLOTRANSPLANTATION OF CELLS OF ISLETS OF LINGERHANS
4102	ALO BONE MARROW TRNSPLNT	5286	TRANSPLANTATION OF CELLS OF ISLETS OF LANGERHANS, NOS
4103	ALLOGRFT BONE MARROW NOS	5569	OTHER KIDNEY TRANSPLANTATION
4104	AUTO HEM STEM CT W/O PUR		
4105	ALLO HEM STEM CT W/O PUR		
4106	CORD BLD STEM CELL TRANS		

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

These codes are used by the following PDIs:

PDI	How Used
Postoperative Wound Dehiscence (PDI 11) - Page 37	Denominator exclusion - Page 37
Urinary Tract Infection Admission Rate (PDI 18) - Page 47	Numerator exclusion - Page 47

In the table above, control-click (Word) or click (PDF) the **PDI** 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 PDI detailed definition.

ICD-9-CM diagnosis codes for intermediate risk immunocompromised states

07022	VIRAL HEPATITIS B W HEPATIC COMA, CHRONIC WO MENTION OF HEPATITIS DELTA	5811	WITH LESION OF MEMBRANOUS GLOMERULONEPHRITIS
07023	VIRAL HEPATITIS B W HEPACTIC COMA, CHRONIC W HEPATITIS DELTA	5812	WITH LESION OF MEMBRANOPROLIFERATIVE GLOMERULONEPHRITIS
07044	CHRONIC HEPATITIS C WITH HEPACTIC COMMA	5813	WITH LESION OF MINIMAL CHANGE GLOMERULONEPHRITIS
2894	HYPERSPLENISM	5818	WITH OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY
28950	DISEASE OF SPLEEN NOS	58181	NEPHROTIC SYNDROME IN DISEASE CLASSIFIED ELSEWHERE
28951	CHRONIC DIGESTIVE SPLENOMEGALY	58189	WITH OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY, OTHER
28952	SPLenic SEQUESTRATION	5819	NEPHROTIC SYNDROME WITH UNSPECIFIED PATHOLOGICAL LESION IN KIDNEY
28959	OTHER DISEASE OF SPLEEN, OTHER	582	CHRONIC GLOMERULONEPHRITIS
4560	ESOPHAGEAL VARICES W BLEEDING	5820	WITH LESION OF PROLIFERATIVE GLOMERULONEPHRITIS
4561	ESOPHAGEAL VARICES WO MENTION OF BLEEDING	5821	WITH LESION OF MEMBRANOUS GLOMERULONEPHRITIS
45620	ESOPHAGEAL VARICES IN DISEASE CLASSIFIED ELSEWHERE, W BLEEDING	5822	WITH LESION OF MEMBRANOPROLIFERATIVE GLOMERULONEPHRITIS
45621	ESOPHAGEAL VARICES IN DISEASE CLASSIFIED ELSEWHERE, WO MENTION OF BLEEDING	5824	WITH LESION OF RAPIDLY PROGRESSIVE GLOMERULONEPHRITIS
5723	PORTAL HYPERTENSION	5828	WITH OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY
5728	OTHER SEQUELAE OF CHRONIC LIVER DISEASE	58281	CHRONIC GLOMERULONEPHRITIS IN DISEASES CLASSIFIED ELSEWHERE
580	ACUTE GLOMERULONEPHRITIS	58289	WITH OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY, OTHER
5800	WITH LESION OF PROLIFERATIVE GLOMERULONEPHRITIS	5829	CHORNIC GLOMERULONEPHRITIS WITH UNSPECIFIED PATHOLOGICAL LESION IN KIDNEY
5804	WITH LESION OF RAPIDLY PROGRESSIVE GLOMERULONEPHRITIS	583	NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC
5808	WITH OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY	5830	WITH LESION OF PROLIFERATIVE GLOMERULONEPHRITIS
58081	ACUTE GLOMERULONEPHRITIS IN DISEASES CLASSIFIED ELSEWHERE		
58089	WITH OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY, OTHER		
5809	ACUTE GLOMERULONEPHRITIS WITH UNSPECIFIED PATHOLOGICAL LESION IN KIDNEY		
581	NEPHROTIC SYNDROME		
5810	WITH LESION OF PROLIFERATIVE GLOMERULONEPHRITIS		

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

5831	WITH LESION OF MEMBRANOUS GLOMERULONEPHRITIS	86501	INJURY TO SPLEEN,WO MENTION OF OPEN WOUND INTO CAVITY HEMATOMA WO RUPTURE OF CAPSULE
5832	WITH LESION OF MEMBRANEPROLIFERATIVE GLOMERULONEPHRITIS	86502	INJURY TO SPLEEN,WO MENTION OF OPEN WOUND INTO CAVITY CAPSULE TEARS WO MAJOR DISRUPTION OF PARENCHYMA
5834	WITH LESION OF RAPIDLY PROGRESSIVE GLOMERULONEPHRITIS	86503	INJURY TO SPLEEN,WO MENTION OF OPEN WOUND INTO CAVITY LACERATION EXTENDING INTO PARENCHYMA
5836	WITH LESION OF RENAL CORTICAL NECROSIS	86504	INJURY TO SPLEEN,WO MENTION OF OPEN WOUND INTO CAVITY MASSIVE PARENCHYMAL DISRUPTION
5837	WITH LESION OF RENAL MEDULLARY NECROSIS	86509	INJURY TO SPLEEN,WO MENTION OF OPEN WOUND INTO CAVITY OTHER
5838	WITH OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY	86510	INJURY TO SPLEEN,W OPEN WOUND INTO CAVITY NOS INJURY
58381	NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC, IN DISEASE CLASSIFIED ELSEWHERE	86511	INJURY TO SPLEEN,W OPEN WOUND INTO CAVITY HEMATOMA WO RUPTURE OF CAPSULE
58389	WITH OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY, OTHER	86512	INJURY TO SPLEEN,W OPEN WOUND INTO CAVITY CAPSULAR TEARS WO MAJOR DISRUPTION OF PARENCHYMA
5839	WITH UNSPECIFIED PATHOLOGICAL LESION IN KIDNEY	86513	INJURY TO SPLEEN,W OPEN WOUND INTO CAVITY LACERATION EXTENDING INTO PARENCHYMA
7100	SYSTEMIC LUPUS ERYTHEMATOSUS	86514	INJURY TO SPLEEN,W OPEN WOUND INTO CAVITY MASSIVE PARENCHYMAL DISRUPTION
7101	SYSTEMIC SCLEROSIS	86519	INJURY TO SPLEEN,W OPEN WOUND INTO CAVITY OTHER
7102	SICCA SYNDROME	V427	ORGAN OR TISSUE REPLACED BY TRANSPLANT, LIVER
7103	DERMATOMYOSITIS		
7104	POLYMYOSITIS		
7105	EOSINOPHILIA MYALGIA SYNDROME		
7108	OTHER SPECIFIED DIFFUSE DISEASE OF CONNECTIVE TISSUE		
7109	UNSPECIFIED DIFFUSE CONNECTIVE TISSUE DISEASE		
7590	ANOMALIES OF SPLEEN		
7994	CACHEXIA		
86500	INJURY TO SPLEEN,WO MENTION OF OPEN WOUND INTO CAVITY NOS INJURY		

ICD-9-CM Hepatic Failure Diagnosis Codes

5722	HEPATIC COMA
5724	HEPATORENAL SYNDROME

ICD-9-CM Cirrhosis Diagnosis Codes

5712	ALCOHOLIC CIRRHOSIS OF LIVER CIRRHOSIS OF LIVER WITHOUT
5715	MENTION OF ALCOHOL
5716	BILIARY CIRRHOSIS

Appendix E: Medical Discharge DRGs

These codes are used by the following PDIs:

PDI	How Used
Accidental Puncture or Laceration (PDI 1) - Page 18	Denominator inclusion - Page 18
Decubitus Ulcer (PDI 2) - Page 19	Denominator inclusion - Page 19
Foreign Body Left During Procedure (PDI 3) - Page 20	Denominator inclusion - Page 20
Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5) - Page 21	Denominator inclusion - Page 21
Selected Infections Due to Medical Care (PDI 12) - Page 43	Denominator inclusion - Page 43
Transfusion Reaction (PDI 13) - Page 43	Denominator inclusion - Page 43

In the table above, control-click (Word) or click (PDF) the **PDI** 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 PDI detailed definition.

Medical Discharge DRGs:

009	SPINAL DISORDERS AND INJURIES	048	OTHER DISORDERS OF THE EYE, AGE 0-17
010	NERVOUS SYSTEM NEOPLASMS W/ CC	064	EAR, NOSE, MOUTH AND THROAT MALIGNANCY
011	NERVOUS SYSTEM NEOPLASMS W/ CC	065	DISEQUILIBRIA
012	DEGENERATIVE NERVOUS SYSTEM DISORDERS	066	EPISTAXIS
013	MULTIPLE SCLEROSIS AND CEREBELLAR ATAXIA	067	EPIGLOTTITIS
014	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TRANSIENT ISCHEMIC ATTACK	070	OTITIS MEDIA AND URI, AGE 0-17
015	TRANSIENT ISCHEMIC ATTACK AND PRECEREBRAL OCCLUSIONS	071	LARYNGOTRACHEITIS
016	NONSPECIFIC CEREBROVASCULAR DISORDERS W/ CC	072	NASAL TRAUMA AND DEFORMITY
017	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O CC	074	OTHER EAR, NOSE, MOUTH AND THROAT DIAGNOSES, AGE 0-17
018	CRANIAL AND PERIPHERAL NERVE DISORDERS W/ CC	078	PULMONARY EMBOLISM
019	CRANIAL AND PERIPHERAL NERVE DISORDERS W/O CC	081	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE 0-17
020	NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	082	RESPIRATORY NEOPLASMS
021	VIRAL MENINGITIS	083	MAJOR CHEST TRAUMA W/ CC
022	HYPERTENSIVE ENCEPHALOPATHY	084	MAJOR CHEST TRAUMA W/O CC
023	NONTRAUMATIC STUPOR AND COMA	085	PLEURAL EFFUSION W/ CC
026	SEIZURE AND HEADACHE, AGE 0-17	086	PLEURAL EFFUSION W/O CC
027	TRAUMATIC STUPOR AND COMA, COMA GREATER THAN ONE HOUR	087	PULMONARY EDEMA AND RESPIRATORY FAILURE
030	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE 0-17	088	CHRONIC OBSTRUCTIVE PULMONARY DISEASE
033	CONCUSSION, AGE 0-17	091	SIMPLE PNEUMONIA AND PLEURISY, AGE 0-17
034	OTHER DISORDERS OF NERVOUS SYSTEM W/ CC	092	INTERSTITIAL LUNG DISEASE W/ CC
035	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC	093	INTERSTITIAL LUNG DISEASE W/O CC
043	HYPHEMA	094	PNEUMOTHORAX W/ CC
044	ACUTE MAJOR EYE INFECTIONS	095	PNEUMOTHORAX W/O CC
045	NEUROLOGICAL EYE DISORDERS	098	BRONCHITIS AND ASTHMA, AGE 0-17
		099	RESPIRATORY SIGNS AND SYMPTOMS W/ CC
		100	RESPIRATORY SIGNS AND SYMPTOMS W/O CC
		101	OTHER RESPIRATORY SYSTEM DIAGNOSES W/ CC
		102	OTHER RESPIRATORY SYSTEM DIAGNOSES W/O CC

Appendix E: Medical Discharge DRGs

121	CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION AND MAJOR COMPLICATION, DISCHARGED ALIVE	203	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS
122	CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION W/O MAJOR COMPLICATION, DISCHARGED ALIVE	204	DISORDERS OF PANCREAS EXCEPT MALIGNANCY
123	CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION, EXPIRED	205	DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS AND ALCOHOLIC HEPATITIS W/ CC
124	CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION W/ CARDIAC CATHETERIZATION AND COMPLEX DIAGNOSIS	206	DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS AND ALCOHOLIC HEPATITIS W/O CC
125	CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION W/ CARDIAC CATHETERIZATION W/O COMPLEX DIAGNOSIS	207	DISORDERS OF THE BILIARY TRACT W/ CC
126	ACUTE AND SUB ACUTE ENDOCARDITIS	208	DISORDERS OF THE BILIARY TRACT W/O CC
127	HEART FAILURE AND SHOCK	235	FRACTURES OF FEMUR
128	DEEP VEIN THROMBOPHLEBITIS	236	FRACTURES OF HIP AND PELVIS
129	CARDIAC ARREST, UNEXPLAINED	237	SPRAINS, STRAINS AND DISLOCATIONS OF HIP, PELVIS AND THIGH
130	PERIPHERAL VASCULAR DISORDERS W/ CC	238	OSTEOMYELITIS
131	PERIPHERAL VASCULAR DISORDERS W/O CC	239	PATHOLOGICAL FRACTURES AND MUSCULOSKELETAL AND CONNECTIVE TISSUE MALIGNANCY
132	ATHEROSCLEROSIS W/ CC	240	CONNECTIVE TISSUE DISORDERS W/ CC
133	ATHEROSCLEROSIS W/O CC	241	CONNECTIVE TISSUE DISORDERS W/O CC
134	HYPERTENSION	242	SEPTIC ARTHRITIS
137	CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE 0 - 17	243	MEDICAL BACK PROBLEMS
138	CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/ CC	244	BONE DISEASES AND SPECIFIC ARTHROPATHIES W/ CC
139	CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/O CC	245	BONE DISEASES AND SPECIFIC ARTHROPATHIES W/O CC
140	ANGINA PECTORIS	246	NONSPECIFIC ARTHROPATHIES
141	SYNCOPE AND COLLAPSE W/ CC	247	SIGNS AND SYMPTOMS OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE
142	SYNCOPE AND COLLAPSE W/O CC	248	TENDONITIS, MYOSITIS AND BURSTITIS
143	CHEST PAIN	249	AFTERCARE, MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE
144	OTHER CIRCULATORY SYSTEM DIAGNOSES W/ CC	252	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE 0-17
145	OTHER CIRCULATORY SYSTEM DIAGNOSES W/O CC	255	FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT, AGE 0-17
172	DIGESTIVE MALIGNANCY W/ CC	256	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES
173	DIGESTIVE MALIGNANCY W/O CC	271	SKIN ULCERS
174	GI HEMORRHAGE W/ CC	272	MAJOR SKIN DISORDERS W/ CC
175	GI HEMORRHAGE W/O CC	273	MAJOR SKIN DISORDERS W/O CC
176	COMPLICATED PEPTIC ULCER	274	MALIGNANT BREAST DISORDERS W/ CC
177	UNCOMPLICATED PEPTIC ULCER W/ CC	275	MALIGNANT BREAST DISORDERS W/O CC
178	UNCOMPLICATED PEPTIC ULCER W/O CC	276	NONMALIGNANT BREAST DISORDERS
179	INFLAMMATORY BOWEL DISEASE	279	CELLULITIS, AGE 0-17
180	GI OBSTRUCTION W/ CC	282	TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE 0-17
181	GI OBSTRUCTION W/O CC	283	MINOR SKIN DISORDERS W/ CC
184	ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS, AGE 0-17	284	MINOR SKIN DISORDERS W/O CC
186	DENTAL AND ORAL DISEASES EXCEPT EXTRACTIONS AND RESTORATIONS, AGE 0-17	295	DIABETES, AGE 0-35
187	DENTAL EXTRACTIONS AND RESTORATIONS	298	NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE 0-17
190	OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE 0-17	299	INBORN ERRORS OF METABOLISM
202	CIRRHOSIS AND ALCOHOLIC HEPATITIS	300	ENDOCRINE DISORDERS W/ CC

Appendix E: Medical Discharge DRGs

301	ENDOCRINE DISORDERS W/O CC	390	NEONATE W OTHER SIGNIFICANT PROBLEM
316	RENAL FAILURE	391	NORMAL NEWBORN
317	ADMISSION FOR RENAL DIALYSIS	396	RED BLOOD CELL DISORDERS, AGE 0-17
318	KIDNEY AND URINARY TRACT NEOPLASMS W/ CC	397	COAGULATION DISORDERS
319	KIDNEY AND URINARY TRACT NEOPLASMS W/O CC	398	RETICULOENDOTHELIAL AND IMMUNITY DISORDERS W/ CC
322	KIDNEY AND URINARY TRACT INFECTION, AGE 0-17	399	RETICULOENDOTHELIAL AND IMMUNITY DISORDERS W/O CC
323	URINARY STONES W/ CC AND/ OR ESW LITHOTRIPSY	403	LYMPHOMA AND NONACUTE LEUKEMIA W/ CC
324	URINARY STONES W/O CC	404	LYMPHOMA AND NONACUTE LEUKEMIA W/O CC
327	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE 0-17	405	ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE 0-17
330	URETHRAL STRICTURE, AGE 0-17	409	RADIOTHERAPY
333	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE 0-17	410	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
346	MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/ CC	411	HISTORY OF MALIGNANCY W/O ENDOSCOPY
347	MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/O CC	412	HISTORY OF MALIGNANCY W/ ENDOSCOPY
348	BENIGN PROSTATIC HYPERTROPHY W/ CC	413	OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/ CC
349	BENIGN PROSTATIC HYPERTROPHY W/O CC	414	OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/O CC
350	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	417	SEPTICEMIA, AGE 0-17
351	STERILIZATION, MALE	418	POSTOPERATIVE AND POSTTRAUMATIC INFECTIONS
352	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	422	VIRAL ILLNESS AND FEVER OF UNKNOWN ORIGIN, AGE 0-17
366	MALIGNANCY OF FEMALE REPRODUCTIVE SYSTEM W/ CC	423	OTHER INFECTIOUS AND PARASITIC DISEASES DIAGNOSES
367	MALIGNANCY OF FEMALE REPRODUCTIVE SYSTEM W/O CC	425	ACUTE ADJUSTMENT REACTIONS AND DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION
368	INFECTIONS OF FEMALE REPRODUCTIVE SYSTEM	426	DEPRESSIVE NEUROSES
369	MENSTRUAL AND OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	427	NEUROSES EXCEPT DEPRESSIVE
372	VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES	428	DISORDERS OF PERSONALITY AND IMPULSE CONTROL
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	429	ORGANIC DISTURBANCES AND MENTAL RETARDATION
376	POSTPARTUM AND POSTABORTION DIAGNOSES W/O OR PROCEDURE	430	PSYCHOSES
378	ENTOPIC PREGNANCY	431	CHILDHOOD MENTAL DISORDERS
379	THREATENED ABORTION	432	OTHER MENTAL DISORDER DIAGNOSES
380	ABORTION W/O D AND G	433	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE
382	FALSE LABOR	434*	ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOMATIC TREATMENT W/ CC
383	OTHER ANTEPARTUM DIAGNOSES W/ MEDICAL COMPLICATIONS	435*	ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOMATIC TREATMENT W/O CC
384	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	436*	ALCOHOL/DRUG DEPENDENCE W/ REHABILITATION THERAPY
385	NEONATES DIED OR TRANSFERRED TO ANOTHER ACUTE FACILITY		
386	EXTREME IMMATURETY OR RESPIRATORY DISTRESS SYNDROME NEONATE		
387	PREMATURITY W MAJOR PROBLEMS		
388	PREMATURITY W/O MAJOR PROBLEMS		
389	FULL TERM NEONATE W MAJOR PROBLEM		

Appendix E: Medical Discharge DRGs

437*	ALCOHOL DRUG DEPENDENCE W/ COMBINED REHABILITATION AND DETOXIFICATION THERAPY	508	FULL THICKNESS BURN W/O SKIN GRFT OR INHAL INJ W CC OR SIG TRAUMA
446	TRAUMATIC INJURY, AGE 0-17	509	FULL THICKNESS BURN W/O SKIN GRFT OR INH INJ W/O CC OR SIG TRAUMA
448	ALLERGIC REACTIONS, AGE 0-17	510	NON-EXTENSIVE BURNS W CC OR SIGNIFICANT TRAUMA
451	POISONING AND TOXIC EFFECTS OF DRUGS, AGE 0-17	511	NON-EXTENSIVE BURNS W/O CC OR SIGNIFICANT TRAUMA
452	COMPLICATIONS OF TREATMENT W/ CC	521	ALCOHOL/DRUG ABUSE OR DEPENDENCE W CC
453	COMPLICATIONS OF TREATMENT W/O CC	522	ALC/DRUG ABUSE OR DEPEND W REHABILITATION THERAPY W/O CC
454	OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES W/ CC	523	ALC/DRUG ABUSE OR DEPEND W/O REHABILITATION THERAPY W/O CC
455	OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES W/O CC	524	TRANSIENT ISCHEMIA
456*	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	559	ACUTE ISCHEMIC STROKE WITH USE OF THROMBOLYTIC AGENT OCT05-
457*	EXTENSIVE BURNS W/O O.R. PROCEDURE	560	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM OCT06-
460*	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	561	NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS OCT06-
462	REHABILITATION	565	RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT 96+ HOURS OCT06-
463	SIGNS AND SYMPTOMS W/ CC	566	RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT < 96 HOURS OCT06-
464	SIGNS AND SYMPTOMS W/O CC	571	MAJOR ESOPHAGEAL DISORDERS OCT06-
465	AFTERCARE W/ HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS	572	MAJOR GASTROINTESTINAL DISORDERS AND PERITONEAL INFECTIONS OCT06-
466	AFTERCARE W/O HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS	574	MAJOR HEMATOLOGIC/IMMUNOLOGIC DIAG EXC SICKLE CELL CRISIS & COAGUL OCT06-
467	OTHER FACTORS INFLUENCING HEALTH STATUS	575	SEPTICEMIA W MV96+ HOURS AGE >17 OCT06
475	RESPIRATORY SYSTEM DIAGNOSIS W/ VENTILATOR SUPPORT	576	SEPTICEMIA W/O MV96+ HOURS AGE >17 OCT06
487	OTHER MULTIPLE SIGNIFICANT TRAUMA		
489	HIV W/ MAJOR RELATED CONDITION		
490	HIV W/ OR W/O OTHER RELATED CONDITION		
492	CHEMOTHERAPY W/ ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS		
505	EXTENSIVE 3RD DEGREE BURNS W/O SKIN GRAFT		

* No longer valid in FY2005

Appendix F: Sepsis Diagnosis Codes

These codes are used by the following PDI:

PDI	How Used
Postoperative Sepsis (PDI 10) - Page 36	Numerator inclusion - Page 36 Denominator exclusion - Page 36

In the table above, control-click (Word) or click (PDF) the **PDI** 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 PDI 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 G: Low Birth Weight Categories

These codes are used by the following PDIs:

PDI	How Used
Accidental Puncture or Laceration (PDI 1) - Page 18	Denominator exclusion - Page 18
Foreign Body Left During Procedure (PDI 3) - Page 20	Denominator exclusion - Page 20
Iatrogenic Pneumothorax in Neonates (PDI 4) / Iatrogenic Pneumothorax (PDI 5) - Page 21	Denominator exclusion - Page 21
Postoperative Hemorrhage or Hematoma (PDI 8) - Page 33	Denominator exclusion - Page 34
Postoperative Respiratory Failure (PDI 9) - Page 35	Denominator exclusion - Page 35

In the table above, control-click (Word) or click (PDF) the PDI 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 PDI detailed definition.

Less than 500 grams - Birth weight Category 1	
76401	LIGHT-FOR-DATES <500G
76411	LT-FOR-DATE W/MAL <500G
76421	FETAL MALNUTRITION <500G
76491	FET GROWTH RETARD <500G
76501	EXTREME IMMATUR <500G
76511	PRETERM NEC <500G
V2131	LOW BIRTHWT STATUS <500G
500 to 999 grams - Birth weight Category 2	
76402	LT-FOR-DATES 500-749G
76412	LT-DATE W/MAL 500-749G
76422	FETAL MALNUTR 500-749G
76492	FET GROWTH RET 500-749G
76502	EXTREME IMMATUR 500-749G
76512	PRETERM NEC 500-749G
76403	LT-FOR-DATES 750-999G
76413	LT-DATE W/MAL 750-999G
76423	FETAL MAL 750-999G
76493	FET GROWTH RET 750-999G
76503	EXTREME IMMATUR 750-999G
76513	PRETERM NEC 750-999G
V2132	LOW BIRTHWT 500-999G
1000 to 1499 grams - Birth weight Category 3	
76404	LT-FOR-DATES 1000-1249G
76414	LT-DATE W/MAL 1000-1249G
76424	FETAL MAL 1000-1249G
76494	FET GRWTH RET 1000-1249G
76504	EXTREME IMMAT 1000-1249G
76514	PRETERM NEC 1000-1249G

76405	LT-FOR-DATES 1250-1499G
76415	LT-DATE W/MAL 1250-1499G
76425	FETAL MAL 1250-1499G
76495	FET GRWTH RET 1250-1499G
76505	EXTREME IMMAT 1250-1499G
76515	PRETERM NEC 1250-1499G
V2133	LOW BIRTHWT 1000-1499G
1500 to 1999 grams - Birth weight Category 4	
76406	LT-FOR-DATES 1500-1749G
76416	LT-DATE W/MAL 1500-1749G
76426	FETAL MAL 1500-1749G
76496	FET GRWTH RET 1500-1749G
76506	EXTREME IMMAT 1500-1749G
76516	PRETERM NEC 1500-1749G
76407	LT-FOR-DATES 1750-1999G
76417	LT-DATE W/MAL 1750-1999G
76427	FETAL MALNUTR 1750-1999G
76497	FET GRWTH RET 1750-1999G
76507	EXTREME IMMAT 1750-1999G
76517	PRETERM NEC 1750-1999G
V2134	LOW BIRTHWT 1500-1999G
2000 to 2499 grams - Birth weight Category 5	
76408	LT-FOR-DATES 2000-2499G
76418	LT-DATE W/MAL 2000-2499G
76428	FETAL MALNUTR 2000-2499G
76498	FET GRWTH RET 2000-2499G
76508	EXTREME IMMAT 2000-2499G
76518	PRETERM NEC 2000-2499G
V2135	LOW BIRTHWT 2000-2500G

Appendix H: Infection Diagnosis Codes

These codes are used by the following PDI:

PDI	How Used
Postoperative Sepsis (PDI 10) - Page 36	Denominator exclusion - Page 36

In the table above, control-click (Word) or click (PDF) the **PDI** 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 PDI detailed definition.

ICD-9-CM Infection diagnosis codes

0010	CHOLERA D/T VIB CHOLERAE OCT05-	00846	INTES INFEC OTH ANEROBES OCT05-
0011	CHOLERA D/T VIB EL TOR OCT05-	00847	INT INF OTH GRM NEG BCTR OCT05-
0019	CHOLERA NOS OCT05-	00849	BACTERIAL ENTERITIS NEC OCT05-
0020	TYPHOID FEVER OCT05-	0085	BACTERIAL ENTERITIS NOS OCT05-
0021	PARATYPHOID FEVER A OCT05-	0200	BUBONIC PLAGUE OCT05-
0022	PARATYPHOID FEVER B OCT05-	0201	CELLULOCUTANEOUS PLAGUE OCT05-
0023	PARATYPHOID FEVER C OCT05-	0202	SEPTICEMIC PLAGUE OCT05-
0029	PARATYPHOID FEVER NOS OCT05-	0203	PRIMARY PNEUMONIC PLAGUE OCT05-
0030	SALMONELLA ENTERITIS OCT05-	0204	SECONDARY PNEUMON PLAGUE OCT05-
0031	SALMONELLA SEPTICEMIA OCT05-	0205	PNEUMONIC PLAGUE NOS OCT05-
00320	LOCAL SALMONELLA INF NOS OCT05-	0208	OTHER TYPES OF PLAGUE OCT05-
00321	SALMONELLA MENINGITIS OCT05-	0209	PLAGUE NOS OCT05-
00322	SALMONELLA PNEUMONIA OCT05-	0210	ULCEROGLANDUL TULAREMIA OCT05-
00323	SALMONELLA ARTHRITIS OCT05-	0211	ENTERIC TULAREMIA OCT05-
00324	SALMONELLA OSTEOMYELITIS OCT05-	0212	PULMONARY TULAREMIA OCT05-
00329	LOCAL SALMONELLA INF NEC OCT05-	0213	OCULOGLANDULAR TULAREMIA OCT05-
0038	SALMONELLA INFECTION NEC OCT05-	0218	TULAREMIA NEC OCT05-
0039	SALMONELLA INFECTION NOS OCT05-	0219	TULAREMIA NOS OCT05-
0040	SHIGELLA DYSENTERIAE OCT05-	0220	CUTANEOUS ANTHRAX OCT05-
0041	SHIGELLA FLEXNERI OCT05-	0221	PULMONARY ANTHRAX OCT05-
0042	SHIGELLA BOYDII OCT05-	0222	GASTROINTESTINAL ANTHRAX OCT05-
0043	SHIGELLA SONNEI OCT05-	0223	ANTHRAX SEPTICEMIA OCT05-
0048	SHIGELLA INFECTION NEC OCT05-	0228	OTHER ANTHRAX MANIFEST OCT05-
0049	SHIGELLOSIS NOS OCT05-	0229	ANTHRAX NOS OCT05-
0050	STAPH FOOD POISONING OCT05-	0230	BRUCELLA MELITENSIS OCT05-
0051	BOTULISM OCT05-	0231	BRUCELLA ABORTUS OCT05-
0052	FOOD POIS D/T C. PERFRIN OCT05-	0232	BRUCELLA SUIS OCT05-
0053	FOOD POIS: CLOSTRID NEC OCT05-	0233	BRUCELLA CANIS OCT05-
0054	FOOD POIS: V. PARAHAEM OCT05-	0238	BRUCellosis NEC OCT05-
00581	FOOD POISN D/T V. VULNIF OCT05-	0239	BRUCellosis NOS OCT05-
00589	BACT FOOD POISONING NEC OCT05-	024	GLANDERS OCT05-
0059	FOOD POISONING NOS OCT05-	025	MELIOIDOSIS OCT05-
00800	INTEST INFEC E COLI NOS OCT05-	0260	SPIRILLARY FEVER OCT05-
00801	INT INF E COLI ENTRPATH OCT05-	0261	STREPTOBACILLARY FEVER OCT05-
00802	INT INF E COLI ENTRTOXGN OCT05-	0269	RAT-BITE FEVER NOS OCT05-
00803	INT INF E COLI ENTRNVSV OCT05-	0270	LISTERIOSIS OCT05-
00804	INT INF E COLI ENTRHMRG OCT05-	0271	ERYSIPELOTHRIX INFECTION OCT05-
00809	INT INF E COLI SPCF NEC OCT05-	0272	PASTEURELLOSIS OCT05-
0081	ARIZONA ENTERITIS OCT05-	0278	ZOONOTIC BACT DIS NEC OCT05-
0082	AEROBACTER ENTERITIS OCT05-	0279	ZOONOTIC BACT DIS NOS OCT05-
0083	PROTEUS ENTERITIS OCT05-	0320	FAUCIAL DIPHTHERIA OCT05-
00841	STAPHYLOCOCC ENTERITIS OCT05-	0321	NASOPHARYNX DIPHTHERIA OCT05-
00842	PSEUDOMONAS ENTERITIS OCT05-	0322	ANT NASAL DIPHTHERIA OCT05-
00843	INT INFEC CAMPYLOBACTER OCT05-	0323	LARYNGEAL DIPHTHERIA OCT05-
00844	INT INF YRSNIA ENTRCLTCA OCT05-	03281	CONJUNCTIVAL DIPHTHERIA OCT05-
00845	INT INF CLSTRDIUM DFCILE OCT05-	03282	DIPHTHERITIC MYOCARDITIS OCT05-

Appendix H: Infection Diagnosis Codes

03283	DIPHThERITIC PERITONITIS OCT05-	04119	OTHER STAPHYLOCOCCUS OCT05-
03284	DIPHThERITIC CYSTITIS OCT05-	0412	PNEUMOCOCCUS INFECT NOS OCT05-
03285	CUTANEOUS DIPHThERIA OCT05-	0413	KLEBSIELLA INFECT NOS OCT05-
03289	DIPHThERIA NEC OCT05-	0414	E. COLI INFECT NOS OCT05-
0329	DIPHThERIA NOS OCT05-	0415	H. INFLUENZAE INFECT NOS OCT05-
0330	BORDETELLA PERTUSSIS OCT05-	0416	PROTEUS INFECTION NOS OCT05-
0331	BORDETELLA PARAPERTUSSIS OCT05-	0417	PSEUDOMONAS INFECT NOS OCT05-
0338	WHOOPING COUGH NEC OCT05-	04182	BACTEROIDES FRAGILIS OCT05-
0339	WHOOPING COUGH NOS OCT05-	04183	CLOSTRIDIUM PERFRINGENS OCT05-
0340	STREP SORE THROAT OCT05-	04184	OTHER ANAEROBES OCT05-
0341	SCARLET FEVER OCT05-	04185	OTH GRAM NEGATV BACTERIA OCT05-
035	ERYSIPELAS OCT05-	04186	HELICOBACTER PYLORI OCT05-
0360	MENINGOCOCCAL MENINGITIS OCT05-	04189	OTH SPECF BACTERIA OCT05-
0361	MENINGOCOCC ENCEPHALITIS OCT05-	0419	BACTERIAL INFECTION NOS OCT05-
0362	MENINGOCOCCEMIA OCT05-	0980	ACUTE GC INFECT LOWER GU OCT05-
0363	MENINGOCOCC ADRENAL SYND OCT05-	09810	GC (ACUTE) UPPER GU NOS OCT05-
03640	MENINGOCOCC CARDITIS NOS OCT05-	09811	GC CYSTITIS (ACUTE) OCT05-
03641	MENINGOCOCC PERICARDITIS OCT05-	09812	GC PROSTATITIS (ACUTE) OCT05-
03642	MENINGOCOCC ENDOCARDITIS OCT05-	09813	GC ORCHITIS (ACUTE) OCT05-
03643	MENINGOCOCC MYOCARDITIS OCT05-	09814	GC SEM VESICULIT (ACUTE) OCT05-
03681	MENINGOCOCC OPTIC NEURIT OCT05-	09815	GC CERVICITIS (ACUTE) OCT05-
03682	MENINGOCOCC ARTHROPATHY OCT05-	09816	GC ENDOMETRITIS (ACUTE) OCT05-
03689	MENINGOCOCCAL INFECT NEC OCT05-	09817	ACUTE GC SALPINGITIS OCT05-
0369	MENINGOCOCCAL INFECT NOS OCT05-	09819	GC (ACUTE) UPPER GU NEC OCT05-
037	TETANUS OCT05-	0982	CHR GC INFECT LOWER GU OCT05-
0380	STREPTOCOCCAL SEPTICEMIA OCT05-	09830	CHR GC UPPER GU NOS OCT05-
03810	STAPHYLOCOCC SEPTICEM NOS OCT05-	09831	GC CYSTITIS, CHRONIC OCT05-
03811	STAPH AUREUS SEPTICEMIA OCT05-	09832	GC PROSTATITIS, CHRONIC OCT05-
03819	STAPHYLOCOCC SEPTICEM NEC OCT05-	09833	GC ORCHITIS, CHRONIC OCT05-
0382	PNEUMOCOCCAL SEPTICEMIA OCT05-	09834	GC SEM VESICULITIS, CHR OCT05-
0383	ANAEROBIC SEPTICEMIA OCT05-	09835	GC CERVICITIS, CHRONIC OCT05-
03840	GRAM-NEG SEPTICEMIA NOS OCT05-	09836	GC ENDOMETRITIS, CHRONIC OCT05-
03841	H. INFLUENZAE SEPTICEMIA OCT05-	09837	GC SALPINGITIS (CHRONIC) OCT05-
03842	E COLI SEPTICEMIA OCT05-	09839	CHR GC UPPER GU NEC OCT05-
03843	PSEUDOMONAS SEPTICEMIA OCT05-	09840	GONOCOCCAL CONJUNCTIVIT OCT05-
03844	SERRATIA SEPTICEMIA OCT05-	09841	GONOCOCCAL IRIDOCYCLITIS OCT05-
03849	GRAM-NEG SEPTICEMIA NEC OCT05-	09842	GONOCOCCAL ENDOPHTHALMIA OCT05-
0388	SEPTICEMIA NEC OCT05-	09843	GONOCOCCAL KERATITIS OCT05-
0389	SEPTICEMIA NOS OCT05-	09849	GONOCOCCAL EYE NEC OCT05-
0390	CUTANEOUS ACTINOMYCOSIS OCT05-	09850	GONOCOCCAL ARTHRITIS OCT05-
0391	PULMONARY ACTINOMYCOSIS OCT05-	09851	GONOCOCCAL SYNOVITIS OCT05-
0392	ABDOMINAL ACTINOMYCOSIS OCT05-	09852	GONOCOCCAL BURSTITIS OCT05-
0393	CERVICOFAC ACTINOMYCOSIS OCT05-	09853	GONOCOCCAL SPONDYLITIS OCT05-
0394	MADURA FOOT OCT05-	09859	GC INFECT JOINT NEC OCT05-
0398	ACTINOMYCOSIS NEC OCT05-	0986	GONOCOCCAL INFEC PHARYNX OCT05-
0399	ACTINOMYCOSIS NOS OCT05-	0987	GC INFECT ANUS & RECTUM OCT05-
0400	GAS GANGRENE OCT05-	09881	GONOCOCCAL KERATOSIS OCT05-
0401	RHINOSCLEROMA OCT05-	09882	GONOCOCCAL MENINGITIS OCT05-
0402	WHIPPLE'S DISEASE OCT05-	09883	GONOCOCCAL PERICARDITIS OCT05-
0403	NECROBACILLOSIS OCT05-	09884	GONOCOCCAL ENDOCARDITIS OCT05-
04081	TROPICAL PYOMYOSITIS OCT05-	09885	GONOCOCCAL HEART DIS NEC OCT05-
04082	TOXIC SHOCK SYNDROME OCT05-	09886	GONOCOCCAL PERITONITIS OCT05-
04089	BACTERIAL DISEASES NEC OCT05-	09889	GONOCOCCAL INF SITE NEC OCT05-
04100	STREPTOCOCCUS UNSPECF OCT05-	3200	HEMOPHILUS MENINGITIS OCT05-
04101	STREPTOCOCCUS GROUP A OCT05-	3201	PNEUMOCOCCAL MENINGITIS OCT05-
04102	STREPTOCOCCUS GROUP B OCT05-	3202	STREPTOCOCCAL MENINGITIS OCT05-
04103	STREPTOCOCCUS GROUP C OCT05-	3203	STAPHYLOCOCC MENINGITIS OCT05-
04104	ENTEROCOCCUS GROUP D OCT05-	3207	MENING IN OTH BACT DIS OCT05-
04105	STREPTOCOCCUS GROUP G OCT05-	32081	ANAEROBIC MENINGITIS OCT05-
04109	OTHER STREPTOCOCCUS OCT05-	32082	MNINGTS GRAM-NEG BCT NEC OCT05-
04110	STAPHYLOCOCCUS UNSPCFIED OCT05-	32089	MENINGITIS OTH SPCF BACT OCT05-
04111	STAPHYLOCOCCUS AUREUS OCT05-	3209	BACTERIAL MENINGITIS NOS OCT05-

Appendix H: Infection Diagnosis Codes

3229	MENINGITIS NOS	OCT05-	42292	SEPTIC MYOCARDITIS	OCT05-
3240	INTRACRANIAL ABSCESS	OCT05-	4610	AC MAXILLARY SINUSITIS	OCT05-
3241	INTRASPINAL ABSCESS	OCT05-	4611	AC FRONTAL SINUSITIS	OCT05-
3249	CNS ABSCESS NOS	OCT05-	4612	AC ETHMOIDAL SINUSITIS	OCT05-
36000	PURULENT ENDOPHTHALM NOS	OCT05-	4613	AC SPHENOIDAL SINUSITIS	OCT05-
36001	ACUTE ENDOPHTHALMITIS	OCT05-	4618	OTHER ACUTE SINUSITIS	OCT05-
36002	PANOPHTHALMITIS	OCT05-	4619	ACUTE SINUSITIS NOS	OCT05-
36004	VITREOUS ABSCESS	OCT05-	462	ACUTE PHARYNGITIS	OCT05-
37055	CORNEAL ABSCESS	OCT05-	463	ACUTE TONSILLITIS	OCT05-
37200	ACUTE CONJUNCTIVITIS NOS	OCT05-	46430	AC EPIGLOTTITIS NO OBSTR	OCT05-
37203	MUCOPUR CONJUNCTIVIT NEC	OCT05-	46431	AC EPIGLOTTITIS W OBSTR	OCT05-
37204	PSEUDOMEMB CONJUNCTIVIT	OCT05-	4660	ACUTE BRONCHITIS	OCT05-
37220	BLEPHAROCONJUNCTIVIT NOS	OCT05-	475	PERITONSILLAR ABSCESS	OCT05-
37221	ANGULAR BLEPHAROCONJUNCT	OCT05-	47822	PARAPHARYNGEAL ABSCESS	OCT05-
37230	CONJUNCTIVITIS NOS	OCT05-	47824	RETROPHARYNGEAL ABSCESS	OCT05-
37300	BLEPHARITIS NOS	OCT05-	481	PNEUMOCOCCAL PNEUMONIA	OCT05-
37301	ULCERATIVE BLEPHARITIS	OCT05-	4820	K. PNEUMONIAE PNEUMONIA	OCT05-
37311	HORDEOLUM EXTERNUM	OCT05-	4821	PSEUDOMONAL PNEUMONIA	OCT05-
37312	HORDEOLUM INTERNUM	OCT05-	4822	H.INFLUENZAE PNEUMONIA	OCT05-
37313	ABSCESS OF EYELID	OCT05-	48230	STREPTOCOCCAL PNEUMN NOS	OCT05-
37500	DACRYOADENITIS NOS	OCT05-	48231	PNEUMONIA STRPTOCOCCUS A	OCT05-
37501	ACUTE DACRYOADENITIS	OCT05-	48232	PNEUMONIA STRPTOCOCCUS B	OCT05-
37530	DACRYOCYSTITIS NOS	OCT05-	48239	PNEUMONIA OTH STREP	OCT05-
37531	ACUTE CANALICULITIS	OCT05-	48240	STAPHYLOCOCCAL PNEU NOS	OCT05-
37532	ACUTE DACRYOCYSTITIS	OCT05-	48241	STAPH AUREUS PNEUMONIA	OCT05-
37600	ACUTE INFLAM NOS, ORBIT	OCT05-	48249	STAPH PNEUMONIA NEC	OCT05-
37601	ORBITAL CELLULITIS	OCT05-	48281	PNEUMONIA ANAEROBES	OCT05-
37602	ORBITAL PERIOSTITIS	OCT05-	48282	PNEUMONIA E COLI	OCT05-
37603	ORBITAL OSTEOMYELITIS	OCT05-	48283	PNEUMO OTH GRM-NEG BACT	OCT05-
37604	TENONITIS	OCT05-	48284	LEGIONNAIRES' DISEASE	OCT05-
38010	INFECTION OTITIS EXTERNA NOS	OCT05-	48289	PNEUMONIA OTH SPCF BACT	OCT05-
38011	ACUTE INFECTION OF PINNA	OCT05-	4829	BACTERIAL PNEUMONIA NOS	OCT05-
38012	ACUTE SWIMMERS' EAR	OCT05-	4843	PNEUMONIA IN WHOOPING COUGH	OCT05-
38013	AC INFECT EXTERN EAR NEC	OCT05-	4845	PNEUMONIA IN ANTHRAX	OCT05-
38014	MALIGNANT OTITIS EXTERNA	OCT05-	4848	PNEUMONIA IN OTHER INF DIS	OCT05-
38150	EUSTACHIAN SALPING NOS	OCT05-	485	BRONCHOPNEUMONIA ORG NOS	OCT05-
38151	AC EUSTACHIAN SALPING	OCT05-	486	PNEUMONIA, ORGANISM NOS	OCT05-
38200	AC SUPP OTITIS MEDIA NOS	OCT05-	490	BRONCHITIS NOS	OCT05-
38201	AC SUPP OM W DRUM RUPT	OCT05-	49122	OBS CHR BRONC W AC BRONC	OCT05-
38202	AC SUPP OM IN OTH DIS	OCT05-	4941	BRONCHIECTASIS W AC EXAC	OCT05-
3821	CHR TUBOTYMP SUPP OTITIS MEDIA	OCT05-	5100	EMPHYEMA WITH FISTULA	OCT05-
3822	CHR ATTICOANTRAL SUPP OTITIS MEDIA	OCT05-	5109	EMPHYEMA W/O FISTULA	OCT05-
3823	CHR SUPP OTITIS MEDIA NOS	OCT05-	5111	BACT PLEUR/EFFUS NOT TB	OCT05-
3824	SUPPUR OTITIS MEDIA NOS	OCT05-	5130	ABSCESS OF LUNG	OCT05-
3829	OTITIS MEDIA NOS	OCT05-	5131	ABSCESS OF MEDIASTINUM	OCT05-
38300	AC MASTOIDITIS W/O COMPL	OCT05-	51901	TRACHEOSTOMY INFECTION	OCT05-
38301	SUBPERI MASTOID ABSCESS	OCT05-	5192	MEDIASTINITIS	OCT05-
38302	AC MASTOIDITIS-COMPL NEC	OCT05-	5220	PULPITIS	OCT05-
38320	PETROSITIS NOS	OCT05-	5225	PERIAPICAL ABSCESS	OCT05-
38321	ACUTE PETROSITIS	OCT05-	5227	PERIAPICAL ABSC W SINUS	OCT05-
38400	ACUTE MYRINGITIS NOS	OCT05-	5230	ACUTE GINGIVITIS	OCT05-
38630	LABYRINTHITIS NOS	OCT05-	52300	ACUTE GINGIVITIS, PLAQUE	OCT06-
38631	SEROUS LABYRINTHITIS	OCT05-	52301	AC GINGIVITIS, NONPLAQUE	OCT06-
38632	CIRCUMSCRI LABYRINTHITIS	OCT05-	5233	ACUTE PERIODONTITIS	OCT05-
38633	SUPPURATIV LABYRINTHITIS	OCT05-	52330	AGGRES PERIODONTITIS NOS	OCT06-
4200	AC PERICARDIT IN OTH DIS	OCT05-	52331	AGGRES PERIODONTITIS, LOC	OCT06-
42090	ACUTE PERICARDITIS NOS	OCT05-	52332	AGGRES PERIODONTITIS, GEN	OCT06-
42099	ACUTE PERICARDITIS NEC	OCT05-	52333	ACUTE PERIODONTITIS	OCT06-
4210	AC/SUBAC BACT ENDOCARD	OCT05-	5264	INFLAMMATION OF JAW	OCT05-
4211	AC/SUBAC INFECT ENDOCARD	OCT05-	5273	SALIVARY GLAND ABSCESS	OCT05-
4219	AC/SUBAC ENDOCARDIT NOS	OCT05-	5283	CELLULITIS/ABSCESS MOUTH	OCT05-
			53641	GASTROSTOMY INFECTION	OCT05-

Appendix H: Infection Diagnosis Codes

5400	AC APPEND W PERITONITIS	6014	PROSTATITIS IN OTH DIS OCT05-
5401	ABSCCESS OF APPENDIX	6018	PROSTATITIS OCT05-
5409	ACUTE APPENDICITIS NOS	6019	PROSTATITIS NOS OCT05-
541	APPENDICITIS NOS	6031	INFECTED HYDROCELE OCT05-
542	OTHER APPENDICITIS	6040	ORCHITIS WITH ABSCCESS OCT05-
56201	DVRTCLI SML INT W/O HMRG	60490	ORCHITIS/EPIDIDYMIT NOS OCT05-
56203	DVRTCLI SML INT W HMRHG	60491	ORCHITIS IN OTH DISEASE OCT05-
56211	DVRTCLI COLON W/O HMRHG	6071	BALANOPOSTHITIS OCT05-
56213	DVRTCLI COLON W HMRHG	6072	INFLAM DIS, PENIS NEC OCT05-
566	ANAL & RECTAL ABSCCESS	6080	SEMINAL VESICULITIS OCT05-
5670	PERITONITIS IN INFEC DIS	6084	MALE GEN INFLAM DIS NEC OCT05-
5671	PNEUMOCOCCAL PERITONITIS	6110	INFLAM DISEASE OF BREAST OCT05-
5672	SUPPURAT PERITONITIS NEC	6140	AC SALPINGO-OOPHORITIS OCT05-
56721	PERITONITIS (ACUTE) GEN OCT05-	6141	CHRON SALPINGITIS OOPHORITIS OCT05-
56722	PERITONEAL ABSCCESS OCT05-	6142	SALPINGO-OOPHORITIS NOS OCT05-
56723	SPONTAN BACT PERITONITIS OCT05-	6143	ACUTE PARAMETRITIS OCT05-
56729	SUPPURAT PERITONITIS NEC OCT05-	6144	CHRON OR UNSP CELLULITIS OCT05-
56731	PSOAS MUSCLE ABSCCESS OCT05-	6145	AC PELV PERITONITIS-FEM OCT05-
56738	RETROPERITON ABSCCESS NEC OCT05-	6149	PID NOS OCT05-
56739	RETROPERITON INFECT NEC OCT05-	6150	AC UTERINE INFLAMMATION OCT05-
56781	CHOLEPERITONITIS OCT05-	6159	UTERINE INFLAM DIS NOS OCT05-
56782	SCLEROSING MESENTERITIS OCT05-	6160	CERVICITIS OCT05-
56789	PERITONITIS NEC OCT05-	61610	VAGINITIS NOS OCT05-
5679	PERITONITIS NOS	6163	BARTHOLIN'S GLND ABSCCESS OCT05-
5695	INTESTINAL ABSCCESS	6164	ABSCCESS OF VULVA NEC OCT05-
56961	COLOSTY/ENTEROST INFECTN	63400	SPON ABOR W PELV INF-UNSP OCT05-
5720	ABSCCESS OF LIVER	63401	SPON ABOR W PELV INF-INC OCT05-
5721	PORTAL PYEMIA	63402	SPON ABOR W PELV INF-COMP OCT05-
57400	CHOLELITH W AC CHOLECYST	63500	LEG ABOR W PELV INF-UNSP OCT05-
57401	CHOLELITH/AC GB INF-OBST	63501	LEG ABOR W PELV INF-INC OCT05-
57430	CHOLEDOCHOLITH/AC GB INF	63502	LEG ABOR W PELV INF-COMP OCT05-
57431	CHOLEDOCHLITH/AC GB-OBST	63600	ILLEG AB W PELV INF-UNSP OCT05-
57460	GALL&BIL CAL W/AC W/O OB	63601	ILLEG AB W PELV INF-INC OCT05-
57461	GALL&BIL CAL W/AC W OBS	63602	ILLEG AB W PELV INF-COMP OCT05-
57480	GAL&BIL CAL W/AC&CHR W/O	63700	ABORT NOS W PELV INF-UNSP OCT05-
57481	GAL&BIL CAL W/AC&CH W OB	63701	ABORT NOS W PELV INF-INC OCT05-
5750	ACUTE CHOLECYSTITIS	63702	ABORT NOS W PELV INF-COMP OCT05-
57510	CHOLECYSTITIS UNSPEC OCT05-	6380	ATTEM ABORT W PELVIC INF OCT05-
57512	AC&CHRON CHOLECYSTITIS OCT05-	6390	POSTABORTION GU INFECT OCT05-
5754	PERFORATION GALLBLADDER	64650	BACTERIURIA PREG-UNSPEC OCT05-
5761	CHOLANGITIS	64651	ASYM BACTERIURIA-DELIVER OCT05-
5763	PERFORATION OF BILE DUCT	64652	ASY BACTERIURIA-DEL W P/P OCT05-
5770	ACUTE PANCREATITIS OCT05-	64653	ASY BACTERIURIA-ANTEPART OCT05-
59010	AC PYELONEPHRITIS NOS OCT05-	64654	ASY BACTERIURIA-POSTPART OCT05-
59011	AC PYELONEPHR W MED NECR OCT05-	64660	GU INFECT IN PREG-UNSPEC OCT05-
5902	RENAL/PERIRENAL ABSCCESS OCT05-	64661	GU INFECTION-DELIVERED OCT05-
5903	PYELOURETERITIS CYSTICA OCT05-	64662	GU INFECTION-DELIV W P/P OCT05-
59080	PYELONEPHRITIS NOS OCT05-	64663	GU INFECTION-ANTEPARTUM OCT05-
59081	PYELONEPHRIT IN OTH DIS OCT05-	64664	GU INFECTION-POSTPARTUM OCT05-
5909	INFECTION OF KIDNEY NOS OCT05-	64710	GONORRHEA IN PREG-UNSPEC OCT05-
5950	ACUTE CYSTITIS OCT05-	64711	GONORRHEA-DELIVERED OCT05-
5954	CYSTITIS IN OTH DIS OCT05-	64712	GONORRHEA-DELIVER W P/P OCT05-
59581	CYSTITIS CYSTICA OCT05-	64713	GONORRHEA-ANTEPARTUM OCT05-
59589	CYSTITIS NEC OCT05-	64714	GONORRHEA-POSTPARTUM OCT05-
5959	CYSTITIS NOS OCT05-	64780	INF DIS IN PREG NEC-UNSP OCT05-
5970	URETHRAL ABSCCESS OCT05-	64781	INFECT DIS NEC-DELIVERED OCT05-
59800	URETHR STRICT:INFECT NOS OCT05-	64782	INFECT DIS NEC-DEL W P/P OCT05-
59801	URETH STRICT:OTH INFECT OCT05-	64783	INFECT DIS NEC-ANTEPART OCT05-
5990	URIN TRACT INFECTION NOS OCT05-	64784	INFECT DIS NEC-POSTPART OCT05-
6010	ACUTE PROSTATITIS OCT05-	64790	INFECT IN PREG NOS-UNSP OCT05-
6012	ABSCCESS OF PROSTATE OCT05-	64791	INFECT NOS-DELIVERED OCT05-
6013	PROSTATOCYSTITIS OCT05-	64792	INFECT NOS-DELIVER W P/P OCT05-

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64793	INFECT NOS-ANTEPARTUM OCT05-	70700	DECUBITUS ULCER SITE NOS OCT05-
64794	INFECT NOS-POSTPARTUM OCT05-	70701	DECUBITUS ULCER,ELBOW OCT05-
65840	AMNIOTIC INFECTION-UNSP OCT05-	70702	DECUBITUS ULCER,UP BACK OCT05-
65841	AMNIOTIC INFECTION-DELIV OCT05-	70703	DECUBITUS ULCER,LOW BACK OCT05-
65843	AMNIOTIC INFECT-ANTEPART OCT05-	70704	DECUBITUS ULCER,HIP OCT05-
67000	MAJOR PUERP INFECT-UNSP OCT05-	70705	DECUBITUS ULCER,BUTTOCK OCT05-
67002	MAJOR PUERP INF-DEL P/P OCT05-	70706	DECUBITUS ULCER,ANKLE OCT05-
67004	MAJOR PUERP INF-POSTPART OCT05-	70707	DECUBITUS ULCER,HEEL OCT05-
67500	INFECT NIPPLE PREG-UNSP OCT05-	70709	DECUBITUS ULCER,SITE NEC OCT05-
67501	INFECT NIPPLE-DELIVERED OCT05-	71100	PYOGEN ARTHRITIS-UNSPEC OCT05-
67502	INFECT NIPPLE-DEL W P/P OCT05-	71101	PYOGEN ARTHRITIS-SHLDER OCT05-
67503	INFECT NIPPLE-ANTEPARTUM OCT05-	71102	PYOGEN ARTHRITIS-UP/ARM OCT05-
67504	INFECT NIPPLE-POSTPARTUM OCT05-	71103	PYOGEN ARTHRITIS-FOREARM OCT05-
67510	BREAST ABSCESS PREG-UNSP OCT05-	71104	PYOGEN ARTHRITIS-HAND OCT05-
67511	BREAST ABSCESS-DELIVERED OCT05-	71105	PYOGEN ARTHRITIS-PELVIS OCT05-
67512	BREAST ABSCESS-DEL W P/P OCT05-	71106	PYOGEN ARTHRITIS-L/LEG OCT05-
67513	BREAST ABSCESS-ANTEPART OCT05-	71107	PYOGEN ARTHRITIS-ANKLE OCT05-
67514	BREAST ABSCESS-POSTPART OCT05-	71108	PYOGEN ARTHRITIS NEC OCT05-
67580	BREAST INF PREG NEC-UNSP OCT05-	71109	PYOGEN ARTHRITIS-MULT OCT05-
67581	BREAST INFECT NEC-DELIV OCT05-	71190	INF ARTHRITIS NOS-UNSPEC OCT05-
67582	BREAST INF NEC-DEL W P/P OCT05-	71191	INF ARTHRITIS NOS-SHLDER OCT05-
67583	BREAST INF NEC-ANTEPART OCT05-	71192	INF ARTHRITIS NOS-UP/ARM OCT05-
67584	BREAST INF NEC-POSTPART OCT05-	71193	INF ARTHRIT NOS-FOREARM OCT05-
67590	BREAST INF PREG NOS-UNSP OCT05-	71194	INF ARTHRIT NOS-HAND OCT05-
67591	BREAST INFECT NOS-DELIV OCT05-	71195	INF ARTHRIT NOS-PELVIS OCT05-
67592	BREAST INF NOS-DEL W P/P OCT05-	71196	INF ARTHRIT NOS-L/LEG OCT05-
67593	BREAST INF NOS-ANTEPART OCT05-	71197	INF ARTHRIT NOS-ANKLE OCT05-
67594	BREAST INF NOS-POSTPART OCT05-	71198	INF ARTHRIT NOS-OTH SITE OCT05-
6800	CARBUNCLE OF FACE OCT05-	71199	INF ARTHRITIS NOS-MULT OCT05-
6801	CARBUNCLE OF NECK OCT05-	7280	INFECTIVE MYOSITIS OCT05-
6802	CARBUNCLE OF TRUNK OCT05-	72886	NECROTIZING FASCIITIS OCT05-
6803	CARBUNCLE OF ARM OCT05-	73000	AC OSTEOMYELITIS-UNSPEC OCT05-
6804	CARBUNCLE OF HAND OCT05-	73001	AC OSTEOMYELITIS-SHLDER OCT05-
6805	CARBUNCLE OF BUTTOCK OCT05-	73002	AC OSTEOMYELITIS-UP/ARM OCT05-
6806	CARBUNCLE OF LEG OCT05-	73003	AC OSTEOMYELITIS-FOREARM OCT05-
6807	CARBUNCLE OF FOOT OCT05-	73004	AC OSTEOMYELITIS-HAND OCT05-
6808	CARBUNCLE, SITE NEC OCT05-	73005	AC OSTEOMYELITIS-PELVIS OCT05-
6809	CARBUNCLE NOS OCT05-	73006	AC OSTEOMYELITIS-L/LEG OCT05-
68100	CELLULITIS, FINGER NOS OCT05-	73007	AC OSTEOMYELITIS-ANKLE OCT05-
68101	FELON OCT05-	73008	AC OSTEOMYELITIS NEC OCT05-
68102	ONYCHIA OF FINGER OCT05-	73009	AC OSTEOMYELITIS-MULT OCT05-
68110	CELLULITIS, TOE NOS OCT05-	73010	CHR OSTEOMYELITIS-UNSP OCT05-
68111	ONYCHIA OF TOE OCT05-	73011	CHR OSTEOMYELIT-SHLDER OCT05-
6819	CELLULITIS OF DIGIT NOS OCT05-	73012	CHR OSTEOMYELIT-UP/ARM OCT05-
6820	CELLULITIS OF FACE OCT05-	73013	CHR OSTEOMYELIT-FOREARM OCT05-
6821	CELLULITIS OF NECK OCT05-	73014	CHR OSTEOMYELIT-HAND OCT05-
6822	CELLULITIS OF TRUNK OCT05-	73015	CHR OSTEOMYELIT-PELVIS OCT05-
6823	CELLULITIS OF ARM OCT05-	73016	CHR OSTEOMYELIT-L/LEG OCT05-
6824	CELLULITIS OF HAND OCT05-	73017	CHR OSTEOMYELIT-ANKLE OCT05-
6825	CELLULITIS OF BUTTOCK OCT05-	73018	CHR OSTEOMYELIT NEC OCT05-
6826	CELLULITIS OF LEG OCT05-	73019	CHR OSTEOMYELIT-MULT OCT05-
6827	CELLULITIS OF FOOT OCT05-	73020	OSTEOMYELITIS NOS-UNSPEC OCT05-
6828	CELLULITIS, SITE NEC OCT05-	73021	OSTEOMYELITIS NOS-SHLDER OCT05-
6829	CELLULITIS, SITE NOS OCT05-	73022	OSTEOMYELITIS NOS-UP/ARM OCT05-
683	ACUTE LYMPHADENITIS OCT05-	73023	OSTEOMYELIT NOS-FOREARM OCT05-
684	IMPETIGO OCT05-	73024	OSTEOMYELITIS NOS-HAND OCT05-
68600	PYODERMA NOS OCT05-	73025	OSTEOMYELITIS NOS-PELVIS OCT05-
68601	PYODERMA GANGRENOSUM OCT05-	73026	OSTEOMYELITIS NOS-L/LEG OCT05-
68609	PYODERMA OTHER OCT05-	73027	OSTEOMYELITIS NOS-ANKLE OCT05-
6868	LOCAL SKIN INFECTION NEC OCT05-	73028	OSTEOMYELIT NOS-OTH SITE OCT05-
6869	LOCAL SKIN INFECTION NOS OCT05-	73029	OSTEOMYELITIS NOS-MULT OCT05-
69581	RITTER'S DISEASE OCT05-	73030	PERIOSTITIS-UNSPEC OCT05-

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73031	PERIOSTITIS-SHLDER OCT05-	9131	ABRASION FOREARM-INFECT OCT05-
73032	PERIOSTITIS-UP/ARM OCT05-	9133	BLISTER FOREARM-INFECTED OCT05-
73033	PERIOSTITIS-FOREARM OCT05-	9135	INSECT BITE FOREARM-INF OCT05-
73034	PERIOSTITIS-HAND OCT05-	9137	FOREIGN BODY FOREARM-INF OCT05-
73035	PERIOSTITIS-PELVIS OCT05-	9139	SUPRF INJ FORARM NEC-INF OCT05-
73036	PERIOSTITIS-L/LEG OCT05-	9141	ABRASION HAND-INFECTED OCT05-
73037	PERIOSTITIS-ANKLE OCT05-	9143	BLISTER HAND-INFECTED OCT05-
73038	PERIOSTITIS NEC OCT05-	9145	INSECT BITE HAND-INFECT OCT05-
73039	PERIOSTITIS-MULT OCT05-	9147	FOREIGN BODY HAND-INFECT OCT05-
73080	BONE INFECT NEC-UNSPEC OCT05-	9149	SUPERF INJ HAND NEC-INF OCT05-
73081	BONE INFECT NEC-SHLDER OCT05-	9151	ABRASION FINGER-INFECTED OCT05-
73082	BONE INFECT NEC-UP/ARM OCT05-	9153	BLISTER FINGER-INFECTED OCT05-
73083	BONE INFECT NEC-FOREARM OCT05-	9155	INSECT BITE FINGER-INFEC OCT05-
73084	BONE INFECT NEC-HAND OCT05-	9157	FOREIGN BODY FINGER-INF OCT05-
73085	BONE INFECT NEC-PELVIS OCT05-	9159	SUPRF INJ FINGER NEC-INF OCT05-
73086	BONE INFECT NEC-L/LEG OCT05-	9161	ABRASION HIP/LEG-INFECT OCT05-
73087	BONE INFECT NEC-ANKLE OCT05-	9163	BLISTER HIP & LEG-INFECT OCT05-
73088	BONE INFECT NEC-OTH SITE OCT05-	9165	INSECT BITE HIP/LEG-INF OCT05-
73089	BONE INFECT NEC-MULT OCT05-	9167	FOREIGN BDY HIP/LEG-INF OCT05-
73090	BONE INFEC NOS-UNSP SITE OCT05-	9169	SUPERF INJ LEG NEC-INFEC OCT05-
73091	BONE INFECT NOS-SHLDER OCT05-	9171	ABRASION FOOT/TOE-INFEC OCT05-
73092	BONE INFECT NOS-UP/ARM OCT05-	9173	BLISTER FOOT & TOE-INFEC OCT05-
73093	BONE INFECT NOS-FOREARM OCT05-	9175	INSECT BITE FOOT/TOE-INF OCT05-
73094	BONE INFECT NOS-HAND OCT05-	9177	FOREIGN BDY FOOT/TOE-INF OCT05-
73095	BONE INFECT NOS-PELVIS OCT05-	9179	SUPERF INJ FOOT NEC-INF OCT05-
73096	BONE INFECT NOS-L/LEG OCT05-	9191	ABRASION NEC-INFECTED OCT05-
73097	BONE INFECT NOS-ANKLE OCT05-	9193	BLISTER NEC-INFECTED OCT05-
73098	BONE INFECT NOS-OTH SITE OCT05-	9195	INSECT BITE NEC-INFECTED OCT05-
73099	BONE INFECT NOS-MULT OCT05-	9197	SUPERFICIAL FB NEC-INFEC OCT05-
7713	TETANUS NEONATORUM OCT05-	9199	SUPERFIC INJ NEC-INFECT OCT05-
7714	OMPHALITIS OF NEWBORN OCT05-	99590	SIRS, NOS OCT05-
7715	NEONATAL INFEC MASTITIS OCT05-	99591	SIRS-INFECT W/O ORG DYSF OCT05-
77181	NB SEPTICEMIA SEPSIS OCT05-	99592	SIRS-INFECT W ORGAN DYSF OCT05-
77182	NB URINARY TRACT INFECTN OCT05-	99660	INFECT INFLAMM DEVICE IMPLANT GRAFT NOS OCT05-
77183	BACTEREMIA OF NEWBORN OCT05-	99661	INFECT INFLAMM CARDIAC DEVICE IMPLANT GRAFT OCT05-
77189	PERINATAL INFECTION NEC OCT05-	99662	INFECT INFLAMM VASCULAR DEVICE IMPLANT GRAFT OCT05-
7775	NECROT ENTEROCOLITIS NB OCT05-	99663	INFECT INFLAMM NERV DEVICE IMPLANT GRAFT OCT05-
7854	GANGRENE OCT05-	99664	INFECT INFLAMM URINARY CATH OCT05-
78552	SEPTIC SHOCK OCT05-	99665	INFECT INFLAMM GU DEVICE IMPLANT GRAFT OCT05-
7907	BACTEREMIA OCT05-	99666	INFECT INFLAMM JOINT PROSTH OCT05-
9101	ABRASION HEAD-INFECTED OCT05-	99667	INFECT INFLAMM OTH ORTHOP DEVICE IMPLANT GRAFT NOS OCT05-
9103	BLISTER HEAD-INFECTED OCT05-	99669	INFECT INFLAMM OTH DEVICE IMPLANT GRAFT OCT05-
9105	INSECT BITE HEAD-INFECT OCT05-	99762	INFECTION AMPUTAT STUMP OCT05-
9107	FOREIGN BODY HEAD-INFECT OCT05-	99851	INFECTED POSTOP SEROMA OCT05-
9109	SUPERF INJ HEAD NEC-INF OCT05-	99859	OTHER POSTOP INFECTION OCT05-
9111	ABRASION TRUNK-INFECTED OCT05-	9993	INFEC COMPL MED CARE NEC OCT05-
9113	BLISTER TRUNK-INFECTED OCT05-		
9115	INSECT BITE TRUNK-INFEC OCT05-		
9117	FOREIGN BODY TRUNK-INFEC OCT05-		
9119	SUPERF INJ TRNK NEC-INF OCT05-		
9121	ABRASION SHLDR/ARM-INFEC OCT05-		
9123	BLISTER SHOULDER/ARM-INF OCT05-		
9125	INSECT BITE SHLD/ARM-INF OCT05-		
9127	FB SHOULDER/ARM-INFECT OCT05-		
9129	SUPERF INJ SHLDR NEC-INF OCT05-		

Appendix I: Links

The following links may be helpful to users of the AHRQ Patient Safety Indicators.

Patient Safety Indicators Version 3.1 Documents and Software

Available at http://www.qualityindicators.ahrq.gov/psi_download.htm

Title	Description
<i>Guide to Patient Safety Indicators</i>	Describes how the PSIs were developed and provides detailed evidence for each indicator.
<i>Patient Safety Indicators Technical Specifications</i>	Provides detailed definitions of each PSI, including all ICD-9-CM and DRG codes that are included in or excluded from the numerator and denominator. Note that exclusions from the denominator are automatically applied to the numerator.
<i>PSI Covariates used in Risk Adjustment</i>	Tables for each PSI provide the stratification and coefficients used to calculate the risk-adjusted rate for each strata.
<i>SAS® PSI Software Documentation</i>	This software documentation provides detailed instructions on how to use the SAS ® version of the PSI software including data preparation, calculation of the PSI rates, and interpretation of output.
<i>Patient Safety Indicators Comparative Data</i>	This document provides the provider rate, provider standard deviation, area rate, and population rate, as appropriate, for each indicator.
<i>Change Log to PSI Documents and Software</i>	The Change Log document provides a cumulative summary of all changes to the PSI software, software documentation, and other documents made since the release of version 2.1 of the software in March 2003. Changes to indicator specifications that were not a result of new ICD-9-CM and DRG codes, are also described in the Change Log.
<i>Fiscal year 2007 Coding Changes</i>	This document summarizes the changes to the indicator definitions resulting from FY 2007 changes to ICD-9-CM coding and DRG changes. These changes will only affect data from FY 2007 (October 1, 2006) or later.
SAS® PSI Software	Requires the SAS® statistical program distributed by the SAS Institute, Inc. The company may be contacted directly regarding the licensing of its products: http://www.sas.com

AHRQ QI Windows Application

The AHRQ QI Windows Application calculates rates for all of the AHRQ Quality Indicators modules and does not require SAS®. It is available at:

http://www.qualityindicators.ahrq.gov/winqi_download.htm

Additional Documents

The following documents are available within the "Documentation" section of the AHRQ QI Downloads Web page:

(<http://www.qualityindicators.ahrq.gov/downloads.htm>).

Refinement of the HCUP Quality Indicators (Technical Review), May 2001

Refinement of the HCUP Quality Indicators (Summary), May 2001

Measures of Patient Safety Based on Hospital Administrative Data - The Patient Safety Indicators, August 2002

Measures of Patient Safety Based on Hospital Administrative Data - The Patient Safety Indicators (Summary), August 2002

In addition, these documents may be accessed at the AHRQ QI Documentation Web page:

<http://www.qualityindicators.ahrq.gov/documentation.htm>

- *Guidance for Using the AHRQ Quality Indicators for Hospital-level Public Reporting or Payment, August 2004*
- *AHRQ Summary Statement on Comparative Hospital Public Reporting, December 2005*
- *Appendix A: Current Uses of AHRQ Quality Indicators and Considerations for Hospital-level*
- *Comparison of Recommended Evaluation Criteria in Five Existing National Frameworks*

The following documents can be viewed or downloaded from the page:

<http://www.qualityindicators.ahrq.gov/newsletter.htm>

- *2006 Area Level Indicator Changes*
- *Considerations in Public Reporting for the AHRQ QIs*
- *June 2005 Newsletter - Contains the article, "Using Different Types of QI Rates"*

Other Tools and Information

The PSI SAS software no longer incorporates the AHRQ Comorbidity software. Before running the PSI software, users who intend to calculate risk-adjusted rates using PSSASP3 will need to download and run the program that creates the comorbidity variables in the user's data file. The program is available at:

<http://www.hcup-us.ahrq.gov/toolssoftware/comorbidity/comorbidity.jsp>

Area indicators can be calculated using the modified Federal Information Processing Standards (FIPS) State/county code. A list of codes is available at:

<http://www.census.gov/popest/geographic/codes02.pdf>

AHRQ provides a free, on-line query system based on HCUP data that provides access to health statistics and information on hospital stays at the national, regional, and State level. It is available at:

<http://hcup.ahrq.gov/HCUPnet.asp>