

**AHRQ Quality Indicators  
Pediatric Quality Indicators  
Version 4.0 (FY2009)**

February 25, 2009  
(Revised May 29, 2009)

**A. FY2009 Coding Changes**

1. PDI #1 – Accidental puncture or laceration

- a) Add procedure codes to denominator inclusion for spinal surgeries (\$SPINEP)

Add codes:

80.53 Repair of the anulus fibrosus with graft or prosthesis

80.54 Other and unspecified repair of the anulus fibrosus

2. PDI #2 – Pressure Ulcer (formerly Decubitus Ulcer)

- a) Add denominator exclusion for diagnosis of Stage I or Stage II (\$DECUBVD)

Add code:

707.20 PRESSURE ULCER, STAGE NOS

707.21 PRESSURE ULCER, STAGE I

707.22 PRESSURE ULCER, STAGE II

3. PDI #4 and #5 – Iatrogenic Pneumothorax

- a) Add procedure codes to denominator exclusion for diaphragmatic surgery repair (\$DIAPHRP)

Add code:

53.71 Laparoscopic repair of diaphragmatic hernia, abdominal approach

53.72 Other and open repair of diaphragmatic hernia, abdominal approach

53.75 Repair of diaphragmatic hernia, abdominal approach, NOS

55.83 Laparoscopic repair of diaphragmatic hernia, with thoracic approach

55.84 Other and open repair of diaphragmatic hernia, with thoracic approach

- b) Add diagnosis codes to denominator exclusion for pleural effusion (\$PLEURAD)

Add code:

511.81 Malignant pleural effusion

511.89 Other specified forms of effusion, except tuberculosis

- c) Replace the DRG denominator exclusion for cardiac surgery (\$CARSDR) with a procedure code denominator exclusion for cardiac procedures (\$CARDSIP). See Table S.6.

Add code:

- 37.36 Excision or destruction of left atrial appendage (LAA)
- 37.55 Removal of internal biventricular heart replacement system
- 37.60 Implantation or insertion of biventricular external heart assist system

4. PDI #6 and #7 – Pediatric Heart Surgery

c) Add procedure code to denominator inclusion for procedures to repair congenital heart defect (\$PRPED1P)

Add code:

- 37.36 Excision or destruction of left atrial appendage (LAA)

5. PDI #10 – Postoperative sepsis

a) Add diagnosis code to numerator inclusion for sepsis (\$SEPTIID)

Modify code:

- 038.11 Methicillin susceptible staphylococcus aureus septicemia

Add code:

- 038.12 Methicillin resistant Staphylococcus aureus septicemia

5. PDI #11 – Postoperative wound dehiscence

a) Add procedure codes to denominator inclusion for abdominopelvic procedures (\$ABDOMIP)

Add codes:

- 17.31 Laparoscopic multiple segmental resection of large intestine
- 17.32 Laparoscopic cecectomy
- 17.33 Laparoscopic right hemicolectomy
- 17.34 Laparoscopic resection of transverse colon
- 17.35 Laparoscopic left hemicolectomy
- 17.36 Laparoscopic sigmoidectomy
- 17.39 Other laparoscopic partial excision of large intestine
- 45.81 Laparoscopic total intra-abdominal colectomy
- 45.82 Open total intra-abdominal colectomy
- 45.83 Other and unspecified total intra-abdominal colectomy
- 48.40 Pull-through resection of rectum, not otherwise specified
- 48.43 Open pull-through resection of rectum
- 48.50 Abdominoperineal resection of the rectum, NOS
- 48.52 Open abdominoperineal resection of the rectum
- 48.59 Other abdominoperineal resection of the rectum
- 53.75 Repair of diaphragmatic hernia, abdominal approach, NOS

6. PDI #16 – Gastroenteritis

a) Add diagnosis codes to numerator exclusion for gastrointestinal abnormalities (\$ACGDISD)

Add codes:

53570 EOSINOPHIL GASTRT WO HEM  
53571 EOSINOPHILC GASTRT W HEM  
558.41 Eosinophilic gastroenteritis  
558.42 Eosinophilic colitis

7. Multiple – Immuno-compromised

a) Add diagnosis codes to denominator exclusion for high risk immuno-compromised (\$IMMUNHD)

Add codes:

199.2 Malignant neoplasm associated with transplanted organ  
238.79 Other lymphatic and hematopoietic tissues  
238.77 Post-transplant lymphoproliferative disorder  
279.50 Graft-versus-host disease, unspecified  
279.51 Acute graft-versus-host disease  
279.52 Chronic graft-versus-host disease  
279.53 Acute on chronic graft-versus-host disease  
V45.11 Renal dialysis status

Add codes:

203.02 MULT MYELOMA IN RELAPSE  
203.12 PLSM CEL LEUK IN RELAPSE  
203.82 OTH IMNPRLF NEO-RELAPSE  
204.02 ACT LYMP LEUK IN RELAPSE  
204.12 CHR LYMP LEUK IN RELAPSE  
204.22 SBAC LYM LEUK IN RELAPSE  
204.82 OTH LYM LEUK IN RELAPSE  
204.92 LYMP LEUK NOS RELAPSE  
205.02 ACT MYEL LEUK IN RELAPSE  
205.12 CHR MYEL LEUK IN RELAPSE  
205.22 SBAC MYL LEUK IN RELAPSE  
205.32 MYEL SARCOMA IN RELAPSE  
205.82 OTH MYEL LEUK IN RELAPSE  
205.92 MYEL LEUK NOS IN RELAPSE  
206.02 ACT MONO LEUK IN RELAPSE  
206.12 CHR MONO LEUK IN RELAPSE  
206.22 SBAC MONO LEU IN RELAPSE  
206.82 OTH MONO LEUK IN RELAPSE  
206.92 MONO LEUK NOS RELAPSE  
207.02 AC ERT/ERYLK IN RELAPSE  
207.12 CHR ERYTHRMIA IN RELAPSE  
207.22 MGKRYCYT LEUK IN RELAPSE

207.82 OTH SPF LEUK IN RELAPSE  
208.02 AC LEUK UNS CL RELAPSE  
208.12 CH LEU UNS CL IN RELAPSE  
208.22 SBAC LEU UNS CL-RELAPSE  
208.82 OTH LEUK UNS CL-RELAPSE  
208.92 LEUKEMIA NOS IN RELAPSE

## 8. Multiple – Infection

a) Add diagnosis codes to denominator exclusion for infection (\$INFECID)

Modify codes;

038.11 Methicillin susceptible staphylococcus aureus septicemia  
041.11 Methicillin susceptible staphylococcus aureus  
482.41 Methicillin susceptible pneumonia due to staphylococcus aureus

Add codes:

038.12 Methicillin resistant Staphylococcus aureus septicemia  
041.12 Methicillin resistant Staphylococcus aureus (MRSA)  
482.42 Methicillin resistant pneumonia due to staphylococcus aureus  
707.20 Pressure ulcer unspecified stage  
707.22 Pressure ulcer stage II  
707.23 Pressure ulcer stage III  
707.24 Pressure ulcer stage IV  
777.50 Necrotizing enterocolitis in newborn, unspecified  
777.51 Stage I necrotizing enterocolitis in newborn  
777.52 Stage II necrotizing enterocolitis in newborn  
777.53 Stage III necrotizing enterocolitis in newborn

Delete codes (for discharges after 2008Q4 effective October 1, 2008):

707.00 PRESSURE ULCER, SITE NOS  
707.01 PRESSURE ULCER, ELBOW  
707.02 PRESSURE ULCER, UPR BACK  
707.03 PRESSURE ULCER, LOW BACK  
707.04 PRESSURE ULCER, HIP  
707.05 PRESSURE ULCER, BUTTOCK  
707.06 PRESSURE ULCER, ANKLE  
707.07 PRESSURE ULCER, HEEL  
707.09 PRESSURE ULCER, SITE NEC

## **B. FY2009 DRG Changes**

None

## **C. Indicator Specification Changes**

1. PDI #2 – Pressure Ulcer (formerly Decubitus Ulcer)

- a) Add diagnosis code to denominator exclusion for hemi- and paraplegia (\$HEMIPID)

Add code:

334.1 Hereditary spastic paraplegia

2. PDI #4 and #5 – Iatrogenic Pneumothorax

- a) Replace the DRG denominator exclusion for cardiac surgery (\$CARSDR) with procedure code denominator exclusion for cardiac procedures (\$CARDSIP). See Table S.6.

- b) Add procedure codes to denominator exclusion for thoracic procedures (\$THORAIP)

Add codes:

05.22 Sympathectomy Cervical  
05.23 Sympathectomy Lumbar  
05.29 Other sympathectomy and ganglionectomy  
07.80 Thymectomy, not otherwise specified  
07.81 Other partial excision of thymus  
07.82 Other total excision of thymus  
07.83 Thoracoscopic partial excision of thymus  
07.84 Thoracoscopic total excision of thymus  
32.49 Other lobectomy of lung

3. PDI #9 – Postoperative respiratory failure

- a) Add denominator exclusion for craniofacial anomalies with 1) a procedure code for laryngeal or pharyngeal surgery (\$CRANI1P) *or* 2) a procedure on face (\$CRANI2P) *and* a diagnosis code of craniofacial abnormalities (\$CRANIID).

Add codes for pharyngeal surgery (\$CRANI1P):

25.3 Complete glossectomy  
25.4 Radical glossectomy  
27.31 Local excision or destruction of lesion or tissue of bony palate  
29.0 Pharyngotomy  
29.33 Pharyngectomy (partial)  
29.39 Other excision or destruction of lesion or tissue of pharynx  
29.4 Plastic operation on pharynx  
29.53 Closure of other fistula of pharynx  
29.59 Other repair of pharynx  
29.91 Dilatation of pharynx  
30.09 Other excision or destruction of lesion or tissue of larynx  
30.21 Epiglottidectomy  
30.22 Vocal cordectomy  
30.29 Other partial laryngectomy

- 30.3 Complete laryngectomy
- 30.4 Radical laryngectomy
- 31.3 Other incision of larynx or trachea
- 31.5 Local excision or destruction of lesion or tissue of trachea
- 31.69 Other repair of larynx
- 31.73 Closure of other fistula of trachea
- 31.75 Reconstruction of trachea and construction of artificial larynx
- 31.79 Other repair and plastic operations on trachea
- 31.98 Other operations on larynx
- 31.99 Other operations on trachea

Add codes for procedure on face (\$CRANI2P):

- 25.2 Partial glossectomy
- 25.59 Other repair and plastic operations on tongue
- 27.32 Wide excision or destruction of lesion or tissue of bony palate
- 27.62 Correction of cleft palate
- 27.63 Revision of cleft palate repair
- 27.69 Other plastic repair of palate
- 29.31 Cricopharyngeal myotomy
- 76.65 Segmental osteoplasty [osteotomy] of maxilla
- 76.66 Total osteoplasty [osteotomy] of maxilla
- 76.46 Other reconstruction of other facial bone
- 76.69 Other facial bone repair
- 76.91 Bone graft to facial bone

Add codes for craniofacial abnormalities (\$CRANIID).

- 744.83 Macrostomia
- 744.84 Microstomia
- 744.9 Unspecified anomalies of face and neck
- 748.3 Congenital anomalies of skull and face bones
- 756.0 Tracheomalacia and congenital tracheal stenosis

#### 4. PDI #10 – Postoperative sepsis

a) Remove diagnosis code from numerator inclusion for sepsis (\$SEPTIID) for discharges after 2004Q4 (effective October 1, 2004)

Drop code:

- 785.59 Shock without mention of trauma, other

#### 5. PDI #12 – Hospital acquired vascular catheter related infections

a) Rename the indicator from “Selected infections due to medical care” to “Hospital acquired vascular catheter related infections”.

#### 6. PDI #16 – Gastroenteritis

a) Add diagnosis code to numerator exclusion for gastrointestinal abnormalities (\$ACGDISD)

Add code:

538 Gastrointestinal mucositis (ulcerative)

### 7. Multiple – Infection

a) Remove diagnosis codes for non-bacterial infections from denominator exclusion for infection (\$INFECID)

Drop codes:

376.00 ACUTE INFLAM NOS, ORBIT  
386.30 LABYRINTHITIS NOS  
386.31 SEROUS LABYRINTHITIS  
386.32 CIRCUMSCRIBED LABYRINTHITIS  
598.00 URETHR STRICT:INFECT NOS  
598.01 URETHR STRICT:OTH INFECT  
686.01 PYODERMA GANGRENOSUM

b) Add diagnosis code to denominator exclusion for infection (\$INFECID)

Add codes:

078.3 CAT-SCRATCH DISEASE

### 8. Multiple – Major Operating Room Procedures

a) Remove procedure codes from the denominator inclusion for major operating room procedures (\$ORPROC)

Drop codes:

38.7 INTERRUPTION VENA CAVA  
41.0 LYMPH STRUCTURE OP NEC  
41.00 BONE MARROW TRNSPLNT NOS  
41.01 AUTO BONE MT W/O PURG  
41.02 ALLO BONE MARROW TRNSPLNT  
41.03 ALLOGRFT BONE MARROW NOS  
41.04 AUTO HEM STEM CT W/O PUR  
41.05 ALLO HEM STEM CT W/O PUR  
41.06 CORD BLD STEM CELL TRANS  
41.07 AUTO HEM STEM CT W PURG  
41.08 ALLO HEM STEM CT W PURG  
41.09 AUTO BONE MT W PURGING

### 9. Medical DRGs

a) Replace the DRG denominator inclusion for medical discharges (\$MEDICDR) with the MS-DRG denominator exclusion for medical discharges (\$MEDICMS) for discharges after 2007Q4 (effective October 1, 2007). See Table S.MED.

#### 10. Surgical DRGs

a) Replace the DRG denominator inclusion for surgical discharges (\$SURGIDR) with the MS-DRG denominator exclusion for surgical discharges (\$SURGIMS) for discharges after 2007Q4 (effective October 1, 2007). See Table S.SUR.

#### 11. Adult DRGs

a) Drop the DRG denominator inclusion for adult (\$ADULTDR) for discharges after 2007Q4 (effective October 1, 2007).

#### D. Neonatal Indicators

1. Iatrogenic Pneumothorax – Neonates (PDI #4) -

Rename PDI #4 to NQI #1

2. Neonatal Mortality (NQI #2)

Add the Neonatal Mortality indicator

3. Blood Stream Infection – Neonates (NQI #3)

Add the Blood Stream Infection – Neonates indicators

## Appendix Tables

Table S.6 Cardiac procedures (\$CARDSIP)

Code	Title
35.10	Open heart valvuloplasty without replacement, unspecified valve
35.11	Open heart valvuloplasty of aortic valve without replacement
35.12	Open heart valvuloplasty of mitral valve without replacement
35.13	Open heart valvuloplasty of pulmonary valve without replacement
35.14	Open heart valvuloplasty of tricuspid valve without replacement
35.20	Replacement of unspecified heart valve
35.21	Replacement of aortic valve with tissue graft
35.22	Other replacement of aortic valve
35.23	Replacement of mitral valve with tissue graft
35.24	Other replacement of mitral valve
35.25	Replacement of pulmonary valve with tissue graft
35.26	Other replacement of pulmonary valve
35.27	Replacement of tricuspid valve with tissue graft
35.28	Other replacement of tricuspid valve
35.31	Operations on papillary muscle
35.32	Operations on chordae tendineae
35.33	Annuloplasty
35.34	Infundibulectomy
35.35.	Operations on trabeculae carneae cordis
35.39	Operations on other structures adjacent to valves of heart
35.50	Repair of unspecified septal defect of heart with prosthesis
35.51	Repair of atrial septal defect with prosthesis, open technique
35.53	Repair of ventricular septal defect with prosthesis, open technique
35.54	Repair of endocardial cushion defect with prosthesis
35.60	Repair of unspecified septal defect of heart with tissue graft
35.61	Repair of atrial septal defect with tissue graft
35.62	Repair of ventricular septal defect with tissue graft
35.63	Repair of endocardial cushion defect with tissue graft
35.70	Other and unspecified repair of unspecified septal defect of heart
35.71	Other and unspecified repair of atrial septal defect
35.72	Other and unspecified repair of ventricular septal defect
35.73	Other and unspecified repair of endocardial cushion defect
35.81	Total repair of tetralogy of Fallot
35.82	Total repair of total anomalous pulmonary venous connection
35.83	Total repair of truncus arteriosus
35.84	Total correction of transposition of great vessels, not elsewhere classified
35.91	Interatrial transposition of venous return
35.92	Creation of conduit between right ventricle and pulmonary artery
35.93	Creation of conduit between left ventricle and aorta
35.94	Creation of conduit between atrium and pulmonary artery
35.95	Revision of corrective procedure on heart
35.98	Other operations on septa of heart
35.99	Other operations on valves of heart
36.03	Open chest coronary artery angioplasty
36.10	Aortocoronary bypass for heart revascularization, not otherwise specified
36.11	(Aorto)coronary bypass of one coronary artery

Code	Title
36.12	(Aorto)coronary bypass of two coronary arteries
36.13	(Aorto)coronary bypass of three coronary arteries
36.14	(Aorto)coronary bypass of four or more coronary arteries
36.15	Single internal mammary-coronary artery bypass
36.16	Double internal mammary-coronary artery bypass
36.17	Abdominal -coronary artery bypass
36.19	Other bypass anastomosis for heart revascularization
36.2	Heart revascularization by arterial implant
36.31	Open chest transmyocardial revascularization
36.32	Other transmyocardial revascularization
36.39	Other heart revascularization
36.91	Repair of aneurysm of coronary vessel
36.99	Other operations on vessels of heart
37.0	Pericardiocentesis
37.10	Incision of heart, not otherwise specified
37.11	Cardiotomy
37.12	Pericardiotomy
37.31	Pericardiectomy
37.32	Excision of aneurysm of heart
37.33	Excision or destruction of other lesion or tissue of heart, open approach
37.35	Partial ventriculectomy
37.41	Implantation of prosthetic cardiac support device around the heart
37.49	Other repair of heart and pericardium
37.51	Heart transplantation
37.52	Implantation of total replacement heart system
37.53	Replacement of repair of thoracic unit of total replacement heart system
37.54	Replacement or repair of other implantable component of total replacement heart system
37.61	Implant of pulsation balloon
37.62	Insertion of non-implantable heart assist system
37.63	Repair of heart assist system
37.64	Removal of heart assist system
37.65	Implant of external heart assist system
37.66	Insertion of implantable heart assist system
37.67	Implantation of cardiomyostimulation system
37.91	Open chest cardiac massage
38.04	Incision of vessel, aorta
38.05	Incision of vessel, other thoracic
38.44	Resection of abdominal aorta with graft replacement
38.45	Resection of thoracic vessel with graft replacement
38.64	Excision of lesion of aorta
38.65	Excision of lesion other thoracic vessel
38.84	Ligation , division of aorta
38.85	Ligation, division of other thoracic vessels
39.0	Systemic to pulmonary artery shunt
39.21	Caval-pulmonary artery anastomosis
39.22	Aorta-subclavian-carotid bypass
39.23	Other intrathoracic vascular shunt or bypass

Table S.8A Poisonings (\$POISOID)

Code	Title
960.0	POISONING-PENICILLINS
960.1	POIS-ANTIFUNGAL ANTIBIOT
960.2	POISON-CHLORAMPHENICOL
960.3	POIS-ERYTHROMYC/MACROLID
960.4	POISONING-TETRACYCLINE
960.5	POIS-CEPHALOSPORIN GROUP
960.6	POIS-ANTIMYCOBAC ANTIBIO
960.7	POIS-ANTINEOP ANTIBIOTIC
960.8	POISONING-ANTIBIOTIC NEC
960.9	POISONING-ANTIBIOTIC NOS
961.0	POISONING-SULFONAMIDES
961.1	POIS-ARSENIC ANTI-INFEC
961.2	POIS-HEAV MET ANTI-INFEC
961.3	POIS-QUINOLINE/HYDROXYQU
961.4	POISONING-ANTIMALARIALS
961.5	POIS-ANTIPROTOZ DRUG NEC
961.6	POISONING-ANTHELMINTICS
961.7	POISONING-ANTIVIRAL DRUG
961.8	POIS-ANTIMYCOBAC DRG NEC
961.9	POIS-ANTI-INFECT NEC/NOS
962.0	POIS-CORTICOSTEROIDS
962.1	POISONING-ANDROGENS
962.2	POISONING-OVARIAN HORMON
962.3	POISON-INSULIN/ANTIDIAB
962.4	POIS-ANT PITUITARY HORM
962.5	POIS-POST PITUITARY HORM
962.6	POISONING-PARATHYROIDS
962.7	POISONING-THYROID/DERIV
962.8	POISON-ANTITHYROID AGENT
962.9	POISONING HORMON NEC/NOS
963.0	POIS-ANTIALLRG/ANTIEMET
963.1	POIS-ANTINEOPL/IMMUNOSUP
963.2	POISONING-ACIDIFYING AGT
963.3	POISONING-ALKALIZING AGT
963.4	POISONING-ENZYMES NEC
963.5	POISONING-VITAMINS NEC
963.8	POISONING-SYSTEM AGT NEC
963.9	POISONING-SYSTEM AGT NOS
964.0	POISONING-IRON/COMPOUNDS
964.1	POISON-LIVER/ANTIANEMICS
964.2	POISONING-ANTICOAGULANTS

964.3 POISONING-VITAMIN K  
964.4 POISON-FIBRINOLYSIS AGNT  
964.5 POISONING-COAGULANTS  
964.6 POISONING-GAMMA GLOBULIN  
964.7 POISONING-BLOOD PRODUCT  
964.8 POISONING-BLOOD AGT NEC  
964.9 POISONING-BLOOD AGT NOS  
965.1 POISONING-SALICYLATES  
965.4 POIS-AROM ANALGESICS NEC  
965.5 POISONING-PYRAZOLE DERIV  
965.61 POIS-PROPIONIC ACID DERV  
965.69 POISON-ANTIRHEUMATIC NEC  
965.7 POIS-NO-NARC ANALGES NEC  
965.9 POIS-ANALGES/ANTIPYR NOS  
970.0 POISONING-ANALEPTICS  
970.1 POISON-OPIATE ANTAGONIST  
970.8 POIS-CNS STIMULANTS NEC  
970.9 POIS-CNS STIMULANT NOS  
971.0 POIS-PARASYMPATHOMIMETIC  
971.1 POIS-PARASYMPATHOLYTICS  
971.2 POISON-SYMPATHOMIMETICS  
971.3 POISONING-SYMPATHOLYTICS  
971.9 POIS-AUTONOMIC AGENT NOS  
972.0 POIS-CARD RHYTHM REGULAT  
972.1 POISONING-CARDIOTONICS  
972.2 POISONING-ANTILIPEMICS  
972.3 POIS-GANGLION BLOCK AGT  
972.4 POIS-CORONARY VASODILAT  
972.5 POISON-VASODILATOR NEC  
972.6 POIS-ANTIHYPERTEN AGENT  
972.7 POISON-ANTIVARICOSE DRUG  
972.8 POISON-CAPILLARY ACT AGT  
972.9 POIS-CARDIOVASC AGT NEC  
973.0 POIS-ANTACID/ANTIGASTRIC  
973.1 POIS-IRRITANT CATHARTICS  
973.2 POIS-EMOLLIENT CATHARTIC  
973.3 POISONING-CATHARTIC NEC  
973.4 POISONING-DIGESTANTS  
973.5 POISONING-ANTIDIARRH AGT  
973.6 POISONING-EMETICS  
973.8 POISONING-GI AGENTS NEC  
973.9 POISONING-GI AGENT NOS  
974.0 POIS-MERCURIAL DIURETICS

974.1 POIS-PURINE DIURETICS  
974.2 POIS-H<sub>2</sub>CO<sub>3</sub> ANHYDRA INHIB  
974.3 POISONING-SALURETICS  
974.4 POISONING-DIURETICS NEC  
974.5 POIS-ELECTRO/CAL/WAT AGT  
974.6 POISON-MINERAL SALTS NEC  
974.7 POIS-URIC ACID METABOL  
975.0 POISONING-OXYTOCIC AGENT  
975.1 POIS-SMOOTH MUSCLE RELAX  
975.3 POISON-MUSCLE AGENT NEC  
975.4 POISONING-ANTITUSSIVES  
975.5 POISONING-EXPECTORANTS  
975.6 POIS-ANTI-COLD DRUGS  
975.7 POISONING-ANTIASTHMATICS  
975.8 POIS-RESPIR DRUG NEC/NOS  
976.0 POIS-LOCAL ANTI-INFECT  
976.1 POISONING-ANTIPRURITICS  
976.2 POIS-LOC ASTRING/DETERG  
976.3 POIS-EMOL/DEMUL/PROTECT  
976.4 POISON-HAIR/SCALP PREP  
976.5 POIS-EYE ANTI-INFEC/DRUG  
976.6 POISON-ENT PREPARATION  
976.7 POIS-TOPICAL DENTAL DRUG  
976.8 POIS-SKIN/MEMBR AGNT NEC  
976.9 POIS-SKIN/MEMBR AGNT NOS  
977.0 POISONING-DIETETICS  
977.1 POISON-LIPOTROPIC DRUGS  
977.2 POISONING-ANTIDOTES NEC  
977.3 POISON-ALCOHOL DETERRENT  
977.4 POIS-PHARMACEUT EXCIPIEN  
977.8 POISON-MEDICINAL AGT NEC  
977.9 POISON-MEDICINAL AGT NOS  
978.0 POISONING-BCG VACCINE  
978.1 POIS-TYPH/PARATYPH VACC  
978.2 POISONING-CHOLERA VACCIN  
978.3 POISONING-PLAGUE VACCINE  
978.4 POISONING-TETANUS VACCIN  
978.5 POIS-DIPHThERIA VACCINE  
978.6 POIS-PERTUSSIS VACCINE  
978.8 POIS-BACT VACCIN NEC/NOS  
978.9 POIS-MIX BACTER VACCINES  
979.0 POISON-SMALLPOX VACCINE  
979.1 POISON-RABIES VACCINE

979.2	POISON-TYPHUS VACCINE
979.3	POIS-YELLOW FEVER VACCIN
979.4	POISONING-MEASLES VACCIN
979.5	POIS-POLIOMYELIT VACCINE
979.6	POIS-VIRAL/RICK VACC NEC
979.7	POISONING-MIXED VACCINE
979.9	POIS-VACCINE/BIOLOG NEC

Table S.8A Delirium and other psychoses (\$DELIRID)

Code	Title
296.00	BIPOL I SINGLE MANIC NOS
296.01	BIPOL I SINGLE MANC-MILD
296.02	BIPOL I SINGLE MANIC-MOD
296.03	BIPOL I SING-SEV W/O PSY
296.04	BIPO I SIN MAN-SEV W PSY
296.05	BIPOL I SING MAN REM NOS
296.06	BIPOL I SINGLE MANIC REM
296.10	RECUR MANIC DIS-UNSPEC
296.11	RECUR MANIC DIS-MILD
296.12	RECUR MANIC DIS-MOD
296.13	RECUR MANIC DIS-SEVERE
296.14	RECUR MANIC-SEV W PSYCHO
296.15	RECUR MANIC-PART REMISS
296.16	RECUR MANIC-FULL REMISS
296.20	DEPRESS PSYCHOSIS-UNSPEC
296.21	DEPRESS PSYCHOSIS-MILD
296.22	DEPRESSIVE PSYCHOSIS-MOD
296.23	DEPRESS PSYCHOSIS-SEVERE
296.24	DEPR PSYCHOS-SEV W PSYCH
296.25	DEPR PSYCHOS-PART REMISS
296.26	DEPR PSYCHOS-FULL REMISS
296.50	BIPOL I CUR DEPRES NOS
296.51	BIPOL I CUR DEPRESS-MILD
296.52	BIPOL I CUR DEPRESS-MOD
296.53	BIPOL I CURR DEP W/O PSY
296.54	BIPOL I CURRNT DEP W PSY
296.55	BIPOL I CUR DEP REM NOS
296.56	BIPOL I CURRNT DEP REMIS
296.60	BIPOL I CURRNT MIXED NOS
296.61	BIPOL I CURRNT MIX-MILD
296.62	BIPOL I CURRNT MIXED-MOD
296.63	BIPOL I CUR MIX W/O PSY
296.64	BIPOL I CUR MIXED W PSY

Code	Title
296.65	BIPOL I CUR MIX-PART REM
296.66	BIPOL I CUR MIXED REMISS
296.99	EPISODIC MOOD DISORD NEC
303.00	AC ALCOHOL INTOX-UNSPEC
303.01	AC ALCOHOL INTOX-CONTIN
303.02	AC ALCOHOL INTOX-EPISOD
305.00	ALCOHOL ABUSE-UNSPEC
305.01	ALCOHOL ABUSE-CONTINUOUS
305.02	ALCOHOL ABUSE-EPISODIC
305.30	HALLUCINOG ABUSE-UNSPEC
305.31	HALLUCINOG ABUSE-CONTIN
305.32	HALLUCINOG ABUSE-EPISOD

Table S.MED. Medical Discharges (\$MEDICMS)

MS-DRG	Title
052	Spinal disorders & injuries w CC/MCC
053	Spinal disorders & injuries w/o CC/MCC
054	Nervous system neoplasms w MCC
055	Nervous system neoplasms w/o MCC
056	Degenerative nervous system disorders w MCC
057	Degenerative nervous system disorders w/o MCC
058	Multiple sclerosis & cerebellar ataxia w MCC
059	Multiple sclerosis & cerebellar ataxia w CC
060	Multiple sclerosis & cerebellar ataxia w/o CC/MCC
061	Acute ischemic stroke w use of thrombolytic agent w MCC
062	Acute ischemic stroke w use of thrombolytic agent w CC
063	Acute ischemic stroke w use of thrombolytic agent w/o CC/MCC
064	Intracranial hemorrhage or cerebral infarction w MCC
065	Intracranial hemorrhage or cerebral infarction w CC
066	Intracranial hemorrhage or cerebral infarction w/o CC/MCC
067	Nonspecific cva & precerebral occlusion w/o infarct w MCC
068	Nonspecific cva & precerebral occlusion w/o infarct w/o MCC
069	Transient ischemia
070	Nonspecific cerebrovascular disorders w MCC
071	Nonspecific cerebrovascular disorders w CC
072	Nonspecific cerebrovascular disorders w/o CC/MCC
073	Cranial & peripheral nerve disorders w MCC
074	Cranial & peripheral nerve disorders w/o MCC
075	Viral meningitis w CC/MCC
076	Viral meningitis w/o CC/MCC
077	Hypertensive encephalopathy w MCC
078	Hypertensive encephalopathy w CC
079	Hypertensive encephalopathy w/o CC/MCC
080	Nontraumatic stupor & coma w MCC
081	Nontraumatic stupor & coma w/o MCC
082	Traumatic stupor & coma, coma >1 hr w MCC
083	Traumatic stupor & coma, coma >1 hr w CC

MS-DRG	Title
084	Traumatic stupor & coma, coma >1 hr w/o CC/MCC
085	Traumatic stupor & coma, coma <1 hr w MCC
086	Traumatic stupor & coma, coma <1 hr w CC
087	Traumatic stupor & coma, coma <1 hr w/o CC/MCC
088	Concussion w MCC
089	Concussion w CC
090	Concussion w/o CC/MCC
091	Other disorders of nervous system w MCC
092	Other disorders of nervous system w CC
093	Other disorders of nervous system w/o CC/MCC
094	Bacterial & tuberculous infections of nervous system w MCC
095	Bacterial & tuberculous infections of nervous system w CC
096	Bacterial & tuberculous infections of nervous system w/o CC/MCC
097	Non-bacterial infect of nervous sys exc viral meningitis w MCC
098	Non-bacterial infect of nervous sys exc viral meningitis w CC
099	Non-bacterial infect of nervous sys exc viral meningitis w/o CC/MCC
100	Seizures w MCC
101	Seizures w/o MCC
102	Headaches w MCC
103	Headaches w/o MCC
121	Acute major eye infections w CC/MCC
122	Acute major eye infections w/o CC/MCC
123	Neurological eye disorders
124	Other disorders of the eye w MCC
125	Other disorders of the eye w/o MCC
146	Ear, nose, mouth & throat malignancy w MCC
147	Ear, nose, mouth & throat malignancy w CC
148	Ear, nose, mouth & throat malignancy w/o CC/MCC
149	Dysequilibrium
150	Epistaxis w MCC
151	Epistaxis w/o MCC
152	Otitis media & URI w MCC
153	Otitis media & URI w/o MCC
154	Nasal trauma & deformity w MCC
155	Nasal trauma & deformity w CC
156	Nasal trauma & deformity w/o CC/MCC
157	Dental & Oral Diseases w MCC
158	Dental & Oral Diseases w CC
159	Dental & Oral Diseases w/o CC/MCC
175	Pulmonary embolism w MCC
176	Pulmonary embolism w/o MCC
177	Respiratory infections & inflammations w MCC
178	Respiratory infections & inflammations w CC
179	Respiratory infections & inflammations w/o CC/MCC
180	Respiratory neoplasms w MCC
181	Respiratory neoplasms w CC
182	Respiratory neoplasms w/o CC/MCC
183	Major chest trauma w MCC
184	Major chest trauma w CC

MS-DRG	Title
185	Major chest trauma w/o CC/MCC
186	Pleural effusion w MCC
187	Pleural effusion w CC
188	Pleural effusion w/o CC/MCC
189	Pulmonary edema & respiratory failure
190	Chronic obstructive pulmonary disease w MCC
191	Chronic obstructive pulmonary disease w CC
192	Chronic obstructive pulmonary disease w/o CC/MCC
193	Simple pneumonia & pleurisy w MCC
194	Simple pneumonia & pleurisy w CC
195	Simple pneumonia & pleurisy w/o CC/MCC
196	Interstitial lung disease w MCC
197	Interstitial lung disease w CC
198	Interstitial lung disease w/o CC/MCC
199	Pneumothorax w MCC
200	Pneumothorax w CC
201	Pneumothorax w/o CC/MCC
202	Bronchitis & asthma w CC/MCC
203	Bronchitis & asthma w/o CC/MCC
204	Respiratory signs & symptoms
205	Other respiratory system diagnoses w MCC
206	Other respiratory system diagnoses w/o MCC
207	Respiratory system diagnosis w ventilator support 96+ hours
208	Respiratory system diagnosis w ventilator support <96 hours
280	Acute myocardial infarction, discharged alive w MCC
281	Acute myocardial infarction, discharged alive w CC
282	Acute myocardial infarction, discharged alive w/o CC/MCC
283	Acute myocardial infarction, expired w MCC
284	Acute myocardial infarction, expired w CC
285	Acute myocardial infarction, expired w/o CC/MCC
286	Circulatory disorders except AMI, w card cath w MCC
287	Circulatory disorders except AMI, w card cath w/o MCC
288	Acute & subacute endocarditis w MCC
289	Acute & subacute endocarditis w CC
290	Acute & subacute endocarditis w/o CC/MCC
291	Heart failure & shock w MCC
292	Heart failure & shock w CC
293	Heart failure & shock w/o CC/MCC
294	Deep vein thrombophlebitis w CC/MCC
295	Deep vein thrombophlebitis w/o CC/MCC
296	Cardiac arrest, unexplained w MCC
297	Cardiac arrest, unexplained w CC
298	Cardiac arrest, unexplained w/o CC/MCC
299	Peripheral vascular disorders w MCC
300	Peripheral vascular disorders w CC
301	Peripheral vascular disorders w/o CC/MCC
302	Atherosclerosis w MCC
303	Atherosclerosis w/o MCC
304	Hypertension w MCC

MS-DRG	Title
305	Hypertension w/o MCC
306	Cardiac congenital & valvular disorders w MCC
307	Cardiac congenital & valvular disorders w/o MCC
308	Cardiac arrhythmia & conduction disorders w MCC
309	Cardiac arrhythmia & conduction disorders w CC
310	Cardiac arrhythmia & conduction disorders w/o CC/MCC
311	Angina pectoris
312	Syncope & collapse
313	Chest pain
314	Other circulatory system diagnoses w MCC
315	Other circulatory system diagnoses w CC
316	Other circulatory system diagnoses w/o CC/MCC
368	Major esophageal disorders w MCC
369	Major esophageal disorders w CC
370	Major esophageal disorders w/o CC/MCC
371	Major gastrointestinal disorders & peritoneal infections w MCC
372	Major gastrointestinal disorders & peritoneal infections w CC
373	Major gastrointestinal disorders & peritoneal infections w/o CC/MCC
374	Digestive malignancy w MCC
375	Digestive malignancy w CC
376	Digestive malignancy w/o CC/MCC
377	G.I. hemorrhage w MCC
378	G.I. hemorrhage w CC
379	G.I. hemorrhage w/o CC/MCC
380	Complicated peptic ulcer w MCC
381	Complicated peptic ulcer w CC
382	Complicated peptic ulcer w/o CC/MCC
383	Uncomplicated peptic ulcer w MCC
384	Uncomplicated peptic ulcer w/o MCC
385	Inflammatory bowel disease w MCC
386	Inflammatory bowel disease w CC
387	Inflammatory bowel disease w/o CC/MCC
388	G.I. obstruction w MCC
389	G.I. obstruction w CC
390	G.I. obstruction w/o CC/MCC
391	Esophagitis, gastroent & misc digest disorders w MCC
392	Esophagitis, gastroent & misc digest disorders w/o MCC
393	Other digestive system diagnoses w MCC
394	Other digestive system diagnoses w CC
395	Other digestive system diagnoses w/o CC/MCC
432	Cirrhosis & alcoholic hepatitis w MCC
433	Cirrhosis & alcoholic hepatitis w CC
434	Cirrhosis & alcoholic hepatitis w/o CC/MCC
435	Malignancy of hepatobiliary system or pancreas w MCC
436	Malignancy of hepatobiliary system or pancreas w CC
437	Malignancy of hepatobiliary system or pancreas w/o CC/MCC
438	Disorders of pancreas except malignancy w MCC
439	Disorders of pancreas except malignancy w CC
440	Disorders of pancreas except malignancy w/o CC/MCC

MS-DRG	Title
441	Disorders of liver except malig,cirr,alc hepa w MCC
442	Disorders of liver except malig,cirr,alc hepa w CC
443	Disorders of liver except malig,cirr,alc hepa w/o CC/MCC
444	Disorders of the biliary tract w MCC
445	Disorders of the biliary tract w CC
446	Disorders of the biliary tract w/o CC/MCC
533	Fractures of femur w MCC
534	Fractures of femur w/o MCC
535	Fractures of hip & pelvis w MCC
536	Fractures of hip & pelvis w/o MCC
537	Sprains, strains, & dislocations of hip, pelvis & thigh w CC/MCC
538	Sprains, strains, & dislocations of hip, pelvis & thigh w/o CC/MCC
539	Osteomyelitis w MCC
540	Osteomyelitis w CC
541	Osteomyelitis w/o CC/MCC
542	Pathological fractures & musculoskelet & conn tiss malig w MCC
543	Pathological fractures & musculoskelet & conn tiss malig w CC
544	Pathological fractures & musculoskelet & conn tiss malig w/o CC/MCC
545	Connective tissue disorders w MCC
546	Connective tissue disorders w CC
547	Connective tissue disorders w/o CC/MCC
548	Septic arthritis w MCC
549	Septic arthritis w CC
550	Septic arthritis w/o CC/MCC
551	Medical back problems w MCC
552	Medical back problems w/o MCC
553	Bone diseases & arthropathies w MCC
554	Bone diseases & arthropathies w/o MCC
555	Signs & symptoms of musculoskeletal system & conn tissue w MCC
556	Signs & symptoms of musculoskeletal system & conn tissue w/o MCC
557	Tendonitis, myositis & bursitis w MCC
558	Tendonitis, myositis & bursitis w/o MCC
559	Aftercare, musculoskeletal system & connective tissue w MCC
560	Aftercare, musculoskeletal system & connective tissue w CC
561	Aftercare, musculoskeletal system & connective tissue w/o CC/MCC
562	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w MCC
563	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o MCC
564	Other musculoskeletal sys & connective tissue diagnoses w MCC
565	Other musculoskeletal sys & connective tissue diagnoses w CC
566	Other musculoskeletal sys & connective tissue diagnoses w/o CC/MCC
592	Skin ulcers w MCC
593	Skin ulcers w CC
594	Skin ulcers w/o CC/MCC
595	Major skin disorders w MCC
596	Major skin disorders w/o MCC
597	Malignant breast disorders w MCC
598	Malignant breast disorders w CC
599	Malignant breast disorders w/o CC/MCC
600	Non-malignant breast disorders w CC/MCC

<b>MS-DRG</b>	<b>Title</b>
601	Non-malignant breast disorders w/o CC/MCC
602	Cellulitis w MCC
603	Cellulitis w/o MCC
604	Trauma to the skin, subcut tiss & breast w MCC
605	Trauma to the skin, subcut tiss & breast w/o MCC
606	Minor skin disorders w MCC
607	Minor skin disorders w/o MCC
637	Diabetes w MCC
638	Diabetes w CC
639	Diabetes w/o CC/MCC
640	Nutritional & misc metabolic disorders w MCC
641	Nutritional & misc metabolic disorders w/o MCC
642	Inborn errors of metabolism
643	Endocrine disorders w MCC
644	Endocrine disorders w CC
645	Endocrine disorders w/o CC/MCC
682	Renal failure w MCC
683	Renal failure w CC
684	Renal failure w/o CC/MCC
685	Admit for renal dialysis
686	Kidney & urinary tract neoplasms w MCC
687	Kidney & urinary tract neoplasms w CC
688	Kidney & urinary tract neoplasms w/o CC/MCC
689	Kidney & urinary tract infections w MCC
690	Kidney & urinary tract infections w/o MCC
691	Urinary stones w esw lithotripsy w CC/MCC
692	Urinary stones w esw lithotripsy w/o CC/MCC
693	Urinary stones w/o esw lithotripsy w MCC
694	Urinary stones w/o esw lithotripsy w/o MCC
695	Kidney & urinary tract signs & symptoms w MCC
696	Kidney & urinary tract signs & symptoms w/o MCC
697	Urethral stricture
698	Other kidney & urinary tract diagnoses w MCC
699	Other kidney & urinary tract diagnoses w CC
700	Other kidney & urinary tract diagnoses w/o CC/MCC
722	Malignancy, male reproductive system w MCC
723	Malignancy, male reproductive system w CC
724	Malignancy, male reproductive system w/o CC/MCC
725	Benign prostatic hypertrophy w MCC
726	Benign prostatic hypertrophy w/o MCC
727	Inflammation of the male reproductive system w MCC
728	Inflammation of the male reproductive system w/o MCC
729	Other male reproductive system diagnoses w CC/MCC
730	Other male reproductive system diagnoses w/o CC/MCC
754	Malignancy, female reproductive system w MCC
755	Malignancy, female reproductive system w CC
756	Malignancy, female reproductive system w/o CC/MCC
757	Infections, female reproductive system w MCC
758	Infections, female reproductive system w CC

MS-DRG	Title
759	Infections, female reproductive system w/o CC/MCC
760	Menstrual & other female reproductive system disorders w CC/MCC
761	Menstrual & other female reproductive system disorders w/o CC/MCC
774	Vaginal delivery w complicating diagnoses
775	Vaginal delivery w/o complicating diagnoses
776	Postpartum & post abortion diagnoses w/o O.R. procedure
777	Ectopic pregnancy
778	Threatened abortion
779	Abortion w/o D&C
780	False labor
781	Other antepartum diagnoses w medical complications
782	Other antepartum diagnoses w/o medical complications
789	Neonates, died or transferred to another acute care facility
790	Extreme immaturity or respiratory distress syndrome, neonate
791	Prematurity w major problems
792	Prematurity w/o major problems
793	Full term neonate w major problems
794	Neonate w other significant problems
795	Normal newborn
808	Major hematomol/immun diag exc sickle cell crisis & coagul w MCC
809	Major hematomol/immun diag exc sickle cell crisis & coagul w CC
810	Major hematomol/immun diag exc sickle cell crisis & coagul w/o CC/MCC
811	Red blood cell disorders w MCC
812	Red blood cell disorders w/o MCC
813	Coagulation disorders
814	Reticuloendothelial & immunity disorders w MCC
815	Reticuloendothelial & immunity disorders w CC
816	Reticuloendothelial & immunity disorders w/o CC/MCC
834	Acute leukemia w/o major O.R. procedure w MCC
835	Acute leukemia w/o major O.R. procedure w CC
836	Acute leukemia w/o major O.R. procedure w/o CC/MCC
837	Chemo w acute leukemia as sdx or w high dose chemo agent w MCC
838	Chemo w acute leukemia as sdx w CC or high dose chemo agent
839	Chemo w acute leukemia as sdx w/o CC/MCC
840	Lymphoma & non-acute leukemia w MCC
841	Lymphoma & non-acute leukemia w CC
842	Lymphoma & non-acute leukemia w/o CC/MCC
843	Other myeloprolif dis or poorly diff neopl diag w MCC
844	Other myeloprolif dis or poorly diff neopl diag w CC
845	Other myeloprolif dis or poorly diff neopl diag w/o CC/MCC
846	Chemotherapy w/o acute leukemia as secondary diagnosis w MCC
847	Chemotherapy w/o acute leukemia as secondary diagnosis w CC
848	Chemotherapy w/o acute leukemia as secondary diagnosis w/o CC/MCC
849	Radiotherapy
862	Postoperative & post-traumatic infections w MCC
863	Postoperative & post-traumatic infections w/o MCC
864	Fever of unknown origin
865	Viral illness w MCC
866	Viral illness w/o MCC

<b>MS-DRG</b>	<b>Title</b>
867	Other infectious & parasitic diseases diagnoses w MCC
868	Other infectious & parasitic diseases diagnoses w CC
869	Other infectious & parasitic diseases diagnoses w/o CC/MCC
870	Septicemia w MV 96+ hours
871	Septicemia w/o MV 96+ hours w MCC
872	Septicemia w/o MV 96+ hours w/o MCC
880	Acute adjustment reaction & psychosocial dysfunction
881	Depressive neuroses
882	Neuroses except depressive
883	Disorders of personality & impulse control
884	Organic disturbances & mental retardation
885	Psychoses
886	Behavioral & developmental disorders
887	Other mental disorder diagnoses
894	Alcohol/drug abuse or dependence, left ama
895	Alcohol/drug abuse or dependence w rehabilitation therapy
896	Alcohol/drug abuse or dependence w/o rehabilitation therapy w MCC
897	Alcohol/drug abuse or dependence w/o rehabilitation therapy w/o MCC
913	Traumatic injury w MCC
914	Traumatic injury w/o MCC
915	Allergic reactions w MCC
916	Allergic reactions w/o MCC
917	Poisoning & toxic effects of drugs w MCC
918	Poisoning & toxic effects of drugs w/o MCC
919	Complications of treatment w MCC
920	Complications of treatment w CC
921	Complications of treatment w/o CC/MCC
922	Other injury, poisoning & toxic effect diag w MCC
923	Other injury, poisoning & toxic effect diag w/o MCC
933	Extensive burns or full thickness burns w MV 96+ hrs w/o skin graft
934	Full thickness burn w/o skin grft or inhal inj
935	Non-extensive burns
945	Rehabilitation w CC/MCC
946	Rehabilitation w/o CC/MCC
947	Signs & symptoms w MCC
948	Signs & symptoms w/o MCC
949	Aftercare w CC/MCC
950	Aftercare w/o CC/MCC
951	Other factors influencing health status
963	Other multiple significant trauma w MCC
964	Other multiple significant trauma w CC
965	Other multiple significant trauma w/o CC/MCC
974	HIV w major related condition w MCC
975	HIV w major related condition w CC
976	HIV w major related condition w/o CC/MCC
977	HIV w or w/o other related condition

Table S.SUR. Surgical discharges (\$SURGIMS)

<b>MS-DRG</b>	<b>Title</b>
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MS-DRG	Title
001	Heart transplant or implant of heart assist system w MCC
002	Heart transplant or implant of heart assist system w/o MCC
003	ECMO or trach w MV 96+ hrs or PDX exc face, mouth & neck w maj O.R.
004	Trach w MV 96+ hrs or PDX exc face, mouth & neck w/o maj O.R.
005	Liver transplant w MCC or intestinal transplant
006	Liver transplant w/o MCC
007	Lung transplant
008	Simultaneous pancreas/kidney transplant
009	Bone marrow transplant
010	Pancreas transplant
011	Tracheostomy for face,mouth & neck diagnoses w MCC
012	Tracheostomy for face,mouth & neck diagnoses w CC
013	Tracheostomy for face,mouth & neck diagnoses w/o CC/MCC
020	Intracranial vascular procedures w PDX hemorrhage w MCC
021	Intracranial vascular procedures w PDX hemorrhage w CC
022	Intracranial vascular procedures w PDX hemorrhage w/o CC/MCC
023	Cranio w major dev impl/acute complex CNS PDX w MCC or chemo implant
024	Cranio w major dev impl/acute complex CNS PDX w/o MCC
025	Craniotomy & endovascular intracranial procedures w MCC
026	Craniotomy & endovascular intracranial procedures w CC
027	Craniotomy & endovascular intracranial procedures w/o CC/MCC
028	Spinal procedures w MCC
029	Spinal procedures w CC or spinal neurostimulators
030	Spinal procedures w/o CC/MCC
031	Ventricular shunt procedures w MCC
032	Ventricular shunt procedures w CC
033	Ventricular shunt procedures w/o CC/MCC
034	Carotid artery stent procedure w MCC
035	Carotid artery stent procedure w CC
036	Carotid artery stent procedure w/o CC/MCC
037	Extracranial procedures w MCC
038	Extracranial procedures w CC
039	Extracranial procedures w/o CC/MCC
040	Periph/cranial nerve & other nerv syst proc w MCC
041	Periph/cranial nerve & other nerv syst proc w CC or periph neurostim
042	Periph/cranial nerve & other nerv syst proc w/o CC/MCC
113	Orbital procedures w CC/MCC
114	Orbital procedures w/o CC/MCC
115	Extraocular procedures except orbit
116	Intraocular procedures w CC/MCC
117	Intraocular procedures w/o CC/MCC
129	Major head & neck procedures w CC/MCC or major device
130	Major head & neck procedures w/o CC/MCC
131	Cranial/facial procedures w CC/MCC
132	Cranial/facial procedures w/o CC/MCC
133	Other ear, nose, mouth & throat O.R. procedures w CC/MCC
134	Other ear, nose, mouth & throat O.R. procedures w/o CC/MCC
135	Sinus & mastoid procedures w CC/MCC
136	Sinus & mastoid procedures w/o CC/MCC

MS-DRG	Title
137	Mouth procedures w CC/MCC
138	Mouth procedures w/o CC/MCC
139	Salivary gland procedures
163	Major chest procedures w MCC
164	Major chest procedures w CC
165	Major chest procedures w/o CC/MCC
166	Other resp system O.R. procedures w MCC
167	Other resp system O.R. procedures w CC
168	Other resp system O.R. procedures w/o CC/MCC
215	Other heart assist system implant
216	Cardiac valve & oth maj cardiothoracic proc w card cath w MCC
217	Cardiac valve & oth maj cardiothoracic proc w card cath w CC
218	Cardiac valve & oth maj cardiothoracic proc w card cath w/o CC/MCC
219	Cardiac valve & oth maj cardiothoracic proc w/o card cath w MCC
220	Cardiac valve & oth maj cardiothoracic proc w/o card cath w CC
221	Cardiac valve & oth maj cardiothoracic proc w/o card cath w/o CC/MCC
222	Cardiac defib implant w cardiac cath w AMI/HF/shock w MCC
223	Cardiac defib implant w cardiac cath w AMI/HF/shock w/o MCC
224	Cardiac defib implant w cardiac cath w/o AMI/HF/shock w MCC
225	Cardiac defib implant w cardiac cath w/o AMI/HF/shock w/o MCC
226	Cardiac defibrillator implant w/o cardiac cath w MCC
227	Cardiac defibrillator implant w/o cardiac cath w/o MCC
228	Other cardiothoracic procedures w MCC
229	Other cardiothoracic procedures w CC
230	Other cardiothoracic procedures w/o CC/MCC
231	Coronary bypass w PTCA w MCC
232	Coronary bypass w PTCA w/o MCC
233	Coronary bypass w cardiac cath w MCC
234	Coronary bypass w cardiac cath w/o MCC
235	Coronary bypass w/o cardiac cath w MCC
236	Coronary bypass w/o cardiac cath w/o MCC
237	Major cardiovasc procedures w MCC or thoracic aortic anuerysm repair
238	Major cardiovasc procedures w/o MCC
239	Amputation for circ sys disorders exc upper limb & toe w MCC
240	Amputation for circ sys disorders exc upper limb & toe w CC
241	Amputation for circ sys disorders exc upper limb & toe w/o CC/MCC
242	Permanent cardiac pacemaker implant w MCC
243	Permanent cardiac pacemaker implant w CC
244	Permanent cardiac pacemaker implant w/o CC/MCC
245	AICD lead & generator procedures
246	Perc cardiovasc proc w drug-eluting stent w MCC or 4+ vessels/stents
247	Perc cardiovasc proc w drug-eluting stent w/o MCC
248	Perc cardiovasc proc w non-drug-eluting stent w MCC or 4+ ves/stents
249	Perc cardiovasc proc w non-drug-eluting stent w/o MCC
250	Perc cardiovasc proc w/o coronary artery stent or AMI w MCC
251	Perc cardiovasc proc w/o coronary artery stent or AMI w/o MCC
252	Other vascular procedures w MCC
253	Other vascular procedures w CC
254	Other vascular procedures w/o CC/MCC

MS-DRG	Title
255	Upper limb & toe amputation for circ system disorders w MCC
256	Upper limb & toe amputation for circ system disorders w CC
257	Upper limb & toe amputation for circ system disorders w/o CC/MCC
258	Cardiac pacemaker device replacement w MCC
259	Cardiac pacemaker device replacement w/o MCC
260	Cardiac pacemaker revision except device replacement w MCC
261	Cardiac pacemaker revision except device replacement w CC
262	Cardiac pacemaker revision except device replacement w/o CC/MCC
263	Vein ligation & stripping
264	Other circulatory system O.R. procedures
326	Stomach, esophageal & duodenal proc w MCC
327	Stomach, esophageal & duodenal proc w CC
328	Stomach, esophageal & duodenal proc w/o CC/MCC
329	Major small & large bowel procedures w MCC
330	Major small & large bowel procedures w CC
331	Major small & large bowel procedures w/o CC/MCC
332	Rectal resection w MCC
333	Rectal resection w CC
334	Rectal resection w/o CC/MCC
335	Peritoneal adhesiolysis w MCC
336	Peritoneal adhesiolysis w CC
337	Peritoneal adhesiolysis w/o CC/MCC
338	Appendectomy w complicated principal diag w MCC
339	Appendectomy w complicated principal diag w CC
340	Appendectomy w complicated principal diag w/o CC/MCC
341	Appendectomy w/o complicated principal diag w MCC
342	Appendectomy w/o complicated principal diag w CC
343	Appendectomy w/o complicated principal diag w/o CC/MCC
344	Minor small & large bowel procedures w MCC
345	Minor small & large bowel procedures w CC
346	Minor small & large bowel procedures w/o CC/MCC
347	Anal & stomal procedures w MCC
348	Anal & stomal procedures w CC
349	Anal & stomal procedures w/o CC/MCC
350	Inguinal & femoral hernia procedures w MCC
351	Inguinal & femoral hernia procedures w CC
352	Inguinal & femoral hernia procedures w/o CC/MCC
353	Hernia procedures except inguinal & femoral w MCC
354	Hernia procedures except inguinal & femoral w CC
355	Hernia procedures except inguinal & femoral w/o CC/MCC
356	Other digestive system O.R. procedures w MCC
357	Other digestive system O.R. procedures w CC
358	Other digestive system O.R. procedures w/o CC/MCC
405	Pancreas, liver & shunt procedures w MCC
406	Pancreas, liver & shunt procedures w CC
407	Pancreas, liver & shunt procedures w/o CC/MCC
408	Biliary tract proc except only cholecyst w or w/o c.d.e. w MCC
409	Biliary tract proc except only cholecyst w or w/o c.d.e. w CC
410	Biliary tract proc except only cholecyst w or w/o c.d.e. w/o CC/MCC

MS-DRG	Title
411	Cholecystectomy w c.d.e. w MCC
412	Cholecystectomy w c.d.e. w CC
413	Cholecystectomy w c.d.e. w/o CC/MCC
414	Cholecystectomy except by laparoscope w/o c.d.e. w MCC
415	Cholecystectomy except by laparoscope w/o c.d.e. w CC
416	Cholecystectomy except by laparoscope w/o c.d.e. w/o CC/MCC
417	Laparoscopic cholecystectomy w/o c.d.e. w MCC
418	Laparoscopic cholecystectomy w/o c.d.e. w CC
419	Laparoscopic cholecystectomy w/o c.d.e. w/o CC/MCC
420	Hepatobiliary diagnostic procedures w MCC
421	Hepatobiliary diagnostic procedures w CC
422	Hepatobiliary diagnostic procedures w/o CC/MCC
423	Other hepatobiliary or pancreas O.R. procedures w MCC
424	Other hepatobiliary or pancreas O.R. procedures w CC
425	Other hepatobiliary or pancreas O.R. procedures w/o CC/MCC
453	Combined anterior/posterior spinal fusion w MCC
454	Combined anterior/posterior spinal fusion w CC
455	Combined anterior/posterior spinal fusion w/o CC/MCC
456	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w MCC
457	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w CC
458	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w/o CC/MCC
459	Spinal fusion except cervical w MCC
460	Spinal fusion except cervical w/o MCC
461	Bilateral or multiple major joint procs of lower extremity w MCC
462	Bilateral or multiple major joint procs of lower extremity w/o MCC
463	Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w MCC
464	Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w CC
465	Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w/o CC/MCC
466	Revision of hip or knee replacement w MCC
467	Revision of hip or knee replacement w CC
468	Revision of hip or knee replacement w/o CC/MCC
469	Major joint replacement or reattachment of lower extremity w MCC
470	Major joint replacement or reattachment of lower extremity w/o MCC
471	Cervical spinal fusion w MCC
472	Cervical spinal fusion w CC
473	Cervical spinal fusion w/o CC/MCC
474	Amputation for musculoskeletal sys & conn tissue dis w MCC
475	Amputation for musculoskeletal sys & conn tissue dis w CC
476	Amputation for musculoskeletal sys & conn tissue dis w/o CC/MCC
477	Biopsies of musculoskeletal system & connective tissue w MCC
478	Biopsies of musculoskeletal system & connective tissue w CC
479	Biopsies of musculoskeletal system & connective tissue w/o CC/MCC
480	Hip & femur procedures except major joint w MCC
481	Hip & femur procedures except major joint w CC
482	Hip & femur procedures except major joint w/o CC/MCC
483	Major joint & limb reattachment proc of upper extremity w CC/MCC
484	Major joint & limb reattachment proc of upper extremity w/o CC/MCC
485	Knee procedures w pdx of infection w MCC
486	Knee procedures w pdx of infection w CC

MS-DRG	Title
487	Knee procedures w pdx of infection w/o CC/MCC
488	Knee procedures w/o pdx of infection w CC/MCC
489	Knee procedures w/o pdx of infection w/o CC/MCC
490	Back & neck proc exc spinal fusion w CC/MCC or disc device/neurostim
491	Back & neck proc exc spinal fusion w/o CC/MCC
492	Lower extrem & humer proc except hip,foot,femur w MCC
493	Lower extrem & humer proc except hip,foot,femur w CC
494	Lower extrem & humer proc except hip,foot,femur w/o CC/MCC
495	Local excision & removal int fix devices exc hip & femur w MCC
496	Local excision & removal int fix devices exc hip & femur w CC
497	Local excision & removal int fix devices exc hip & femur w/o CC/MCC
498	Local excision & removal int fix devices of hip & femur w CC/MCC
499	Local excision & removal int fix devices of hip & femur w/o CC/MCC
500	Soft tissue procedures w MCC
501	Soft tissue procedures w CC
502	Soft tissue procedures w/o CC/MCC
503	Foot procedures w MCC
504	Foot procedures w CC
505	Foot procedures w/o CC/MCC
506	Major thumb or joint procedures
507	Major shoulder or elbow joint procedures w CC/MCC
508	Major shoulder or elbow joint procedures w/o CC/MCC
509	Arthroscopy
510	Shoulder,elbow or forearm proc,exc major joint proc w MCC
511	Shoulder,elbow or forearm proc,exc major joint proc w CC
512	Shoulder,elbow or forearm proc,exc major joint proc w/o CC/MCC
513	Hand or wrist proc, except major thumb or joint proc w CC/MCC
514	Hand or wrist proc, except major thumb or joint proc w/o CC/MCC
515	Other musculoskelet sys & conn tiss O.R. proc w MCC
516	Other musculoskelet sys & conn tiss O.R. proc w CC
517	Other musculoskelet sys & conn tiss O.R. proc w/o CC/MCC
573	Skin graft &/or debrid for skn ulcer or cellulitis w MCC
574	Skin graft &/or debrid for skn ulcer or cellulitis w CC
575	Skin graft &/or debrid for skn ulcer or cellulitis w/o CC/MCC
576	Skin graft &/or debrid exc for skin ulcer or cellulitis w MCC
577	Skin graft &/or debrid exc for skin ulcer or cellulitis w CC
578	Skin graft &/or debrid exc for skin ulcer or cellulitis w/o CC/MCC
579	Other skin, subcut tiss & breast proc w MCC
580	Other skin, subcut tiss & breast proc w CC
581	Other skin, subcut tiss & breast proc w/o CC/MCC
582	Mastectomy for malignancy w CC/MCC
583	Mastectomy for malignancy w/o CC/MCC
584	Breast biopsy, local excision & other breast procedures w CC/MCC
585	Breast biopsy, local excision & other breast procedures w/o CC/MCC
614	Adrenal & pituitary procedures w CC/MCC
615	Adrenal & pituitary procedures w/o CC/MCC
616	Amputat of lower limb for endocrine,nutrit,& metabol dis w MCC
617	Amputat of lower limb for endocrine,nutrit,& metabol dis w CC
618	Amputat of lower limb for endocrine,nutrit,& metabol dis w/o CC/MCC

MS-DRG	Title
619	O.R. procedures for obesity w MCC
620	O.R. procedures for obesity w CC
621	O.R. procedures for obesity w/o CC/MCC
622	Skin grafts & wound debrid for endoc, nutrit & metab dis w MCC
623	Skin grafts & wound debrid for endoc, nutrit & metab dis w CC
624	Skin grafts & wound debrid for endoc, nutrit & metab dis w/o CC/MCC
625	Thyroid, parathyroid & thyroglossal procedures w MCC
626	Thyroid, parathyroid & thyroglossal procedures w CC
627	Thyroid, parathyroid & thyroglossal procedures w/o CC/MCC
628	Other endocrine, nutrit & metab O.R. proc w MCC
629	Other endocrine, nutrit & metab O.R. proc w CC
630	Other endocrine, nutrit & metab O.R. proc w/o CC/MCC
652	Kidney transplant
653	Major bladder procedures w MCC
654	Major bladder procedures w CC
655	Major bladder procedures w/o CC/MCC
656	Kidney & ureter procedures for neoplasm w MCC
657	Kidney & ureter procedures for neoplasm w CC
658	Kidney & ureter procedures for neoplasm w/o CC/MCC
659	Kidney & ureter procedures for non-neoplasm w MCC
660	Kidney & ureter procedures for non-neoplasm w CC
661	Kidney & ureter procedures for non-neoplasm w/o CC/MCC
662	Minor bladder procedures w MCC
663	Minor bladder procedures w CC
664	Minor bladder procedures w/o CC/MCC
665	Prostatectomy w MCC
666	Prostatectomy w CC
667	Prostatectomy w/o CC/MCC
668	Transurethral procedures w MCC
669	Transurethral procedures w CC
670	Transurethral procedures w/o CC/MCC
671	Urethral procedures w CC/MCC
672	Urethral procedures w/o CC/MCC
673	Other kidney & urinary tract procedures w MCC
674	Other kidney & urinary tract procedures w CC
675	Other kidney & urinary tract procedures w/o CC/MCC
707	Major male pelvic procedures w CC/MCC
708	Major male pelvic procedures w/o CC/MCC
709	Penis procedures w CC/MCC
710	Penis procedures w/o CC/MCC
711	Testes procedures w CC/MCC
712	Testes procedures w/o CC/MCC
713	Transurethral prostatectomy w CC/MCC
714	Transurethral prostatectomy w/o CC/MCC
715	Other male reproductive system O.R. proc for malignancy w CC/MCC
716	Other male reproductive system O.R. proc for malignancy w/o CC/MCC
717	Other male reproductive system O.R. proc exc malignancy w CC/MCC
718	Other male reproductive system O.R. proc exc malignancy w/o CC/MCC
734	Pelvic evisceration, rad hysterectomy & rad vulvectomy w CC/MCC

MS-DRG	Title
735	Pelvic evisceration, rad hysterectomy & rad vulvectomy w/o CC/MCC
736	Uterine & adnexa proc for ovarian or adnexal malignancy w MCC
737	Uterine & adnexa proc for ovarian or adnexal malignancy w CC
738	Uterine & adnexa proc for ovarian or adnexal malignancy w/o CC/MCC
739	Uterine,adnexa proc for non-ovarian/adnexal malig w MCC
740	Uterine,adnexa proc for non-ovarian/adnexal malig w CC
741	Uterine,adnexa proc for non-ovarian/adnexal malig w/o CC/MCC
742	Uterine & adnexa proc for non-malignancy w CC/MCC
743	Uterine & adnexa proc for non-malignancy w/o CC/MCC
744	D&C, conization, laparoscopy & tubal interruption w CC/MCC
745	D&C, conization, laparoscopy & tubal interruption w/o CC/MCC
746	Vagina, cervix & vulva procedures w CC/MCC
747	Vagina, cervix & vulva procedures w/o CC/MCC
748	Female reproductive system reconstructive procedures
749	Other female reproductive system O.R. procedures w CC/MCC
750	Other female reproductive system O.R. procedures w/o CC/MCC
765	Cesarean section w CC/MCC
766	Cesarean section w/o CC/MCC
767	Vaginal delivery w sterilization &/or D&C
768	Vaginal delivery w O.R. proc except steril &/or D&C
769	Postpartum & post abortion diagnoses w O.R. procedure
770	Abortion w D&C, aspiration curettage or hysterotomy
799	Splenectomy w MCC
800	Splenectomy w CC
801	Splenectomy w/o CC/MCC
802	Other O.R. proc of the blood & blood forming organs w MCC
803	Other O.R. proc of the blood & blood forming organs w CC
804	Other O.R. proc of the blood & blood forming organs w/o CC/MCC
820	Lymphoma & leukemia w major O.R. procedure w MCC
821	Lymphoma & leukemia w major O.R. procedure w CC
822	Lymphoma & leukemia w major O.R. procedure w/o CC/MCC
823	Lymphoma & non-acute leukemia w other O.R. proc w MCC
824	Lymphoma & non-acute leukemia w other O.R. proc w CC
825	Lymphoma & non-acute leukemia w other O.R. proc w/o CC/MCC
826	Myeloprolif disord or poorly diff neopl w maj O.R. proc w MCC
827	Myeloprolif disord or poorly diff neopl w maj O.R. proc w CC
828	Myeloprolif disord or poorly diff neopl w maj O.R. proc w/o CC/MCC
829	Myeloprolif disord or poorly diff neopl w other O.R. proc w CC/MCC
830	Myeloprolif disord or poorly diff neopl w other O.R. proc w/o CC/MCC
853	Infectious & parasitic diseases w O.R. procedure w MCC
854	Infectious & parasitic diseases w O.R. procedure w CC
855	Infectious & parasitic diseases w O.R. procedure w/o CC/MCC
856	Postoperative or post-traumatic infections w O.R. proc w MCC
857	Postoperative or post-traumatic infections w O.R. proc w CC
858	Postoperative or post-traumatic infections w O.R. proc w/o CC/MCC
876	O.R. procedure w principal diagnoses of mental illness
901	Wound debridements for injuries w MCC
902	Wound debridements for injuries w CC
903	Wound debridements for injuries w/o CC/MCC

<b>MS-DRG</b>	<b>Title</b>
904	Skin grafts for injuries w CC/MCC
905	Skin grafts for injuries w/o CC/MCC
906	Hand procedures for injuries
907	Other O.R. procedures for injuries w MCC
908	Other O.R. procedures for injuries w CC
909	Other O.R. procedures for injuries w/o CC/MCC
927	Extensive burns or full thickness burns w MV 96+ hrs w skin graft
928	Full thickness burn w skin graft or inhal inj w CC/MCC
929	Full thickness burn w skin graft or inhal inj w/o CC/MCC
939	O.R. proc w diagnoses of other contact w health services w MCC
940	O.R. proc w diagnoses of other contact w health services w CC
941	O.R. proc w diagnoses of other contact w health services w/o CC/MCC
955	Craniotomy for multiple significant trauma
956	Limb reattachment, hip & femur proc for multiple significant trauma
957	Other O.R. procedures for multiple significant trauma w MCC
958	Other O.R. procedures for multiple significant trauma w CC
959	Other O.R. procedures for multiple significant trauma w/o CC/MCC
969	HIV w extensive O.R. procedure w MCC
970	HIV w extensive O.R. procedure w/o MCC
981	Extensive O.R. procedure unrelated to principal diagnosis w MCC
982	Extensive O.R. procedure unrelated to principal diagnosis w CC
983	Extensive O.R. procedure unrelated to principal diagnosis w/o CC/MCC
984	Prostatic O.R. procedure unrelated to principal diagnosis w MCC
985	Prostatic O.R. procedure unrelated to principal diagnosis w CC
986	Prostatic O.R. procedure unrelated to principal diagnosis w/o CC/MCC
987	Non-extensive O.R. proc unrelated to principal diagnosis w MCC
988	Non-extensive O.R. proc unrelated to principal diagnosis w CC
989	Non-extensive O.R. proc unrelated to principal diagnosis w/o CC/MCC