

Definitions of Quality Indicators, Version 1.3

Outcomes
Mortality

Indicator

In-hospital mortality following common elective procedures

Relationship to quality

All surgery entails some risk; however, mortality following common elective procedures for uncomplicated cases should rarely occur.

By comparing mortality rates across institutions or regions and by observing trends in mortality rates for elective procedures, it may be possible to target areas requiring more indepth analysis or quality improvement efforts.

Benchmark

State, regional, and peer group average.

Method:

Quality measure	Number of deaths per 100 patients receiving common elective procedures. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	In-hospital mortality among patients receiving common elective procedures in any procedure field.
Population at risk	<p>All non-maternal/non-neonatal discharges age 18 years or older.</p> <p>Screen diagnoses and procedures (all fields) to limit risk population to uncomplicated cases:</p> <ul style="list-style-type: none"> A. for hysterectomy (see page 34), exclude female genital cancer (see page 34) or pelvic trauma (see page 34), B. for laminectomy/spinal fusion (see page 34), include only simple intervertebral disc displacement (see page 35), C. for cholecystectomy (see page 35), include only non-acute, uncomplicated cholecystitis and/or cholelithiasis (see page 35), D. for transurethral prostatectomy (see page 35), include only prostatic hyperplasia (see page 35), E. for hip replacement (see page 35), include only osteoarthritis of hip (see page 35), F. for knee replacement (see page 35), include only osteoarthritis of knee (see page 35). <p>Exclude cases transferred to another institution. Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).</p>

***Outcomes
Coded Complications***

Indicator

Obstetrical complications

Relationship to quality

Obstetrical complications contribute to maternal, fetal, and neonatal morbidity and mortality. In 1987, there were 22 hospitalizations for obstetrical complications prior to delivery per 100 deliveries.¹

Such complications are considered largely preventable through routine prenatal care and appropriate obstetrical care.

Benchmark

Reduce severe complications of pregnancy to no more than 15 per 100 deliveries.¹

Method:

Quality measure	Number of complications per 100 deliveries. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Maternal discharges with <ul style="list-style-type: none"> • fourth degree laceration; • hemorrhage or transfusions; • pulmonary, cardiac, central nervous system, or anesthesia complications; • obstetric shock; • renal failure; • puerperal infection; • air embolism; • disruption of cesarean or perineal wound; • breast abscess; or • other obstetric complications in any diagnosis or procedure field (see page 35 for diagnoses and page 36 for procedures).
Population at risk	All women who deliver (see page 36).

Outcomes
Coded Complications

Indicator **Wound infection**

Relationship to quality Surgical and traumatic wounds are often contaminated with bacteria; however, strict surgical aseptic technique and appropriate antibiotic therapy can minimize the incidence of wound infections.

This indicator is part of the Complications Screening Program^{2,3} and identifies diagnoses or procedures that suggest a possible complication resulting from treatment in the hospital. Because these ICD-9-CM codes explicitly identify wound infections, all cases in the hospital are screened for these conditions.

Benchmark State, regional, or peer group average.

Method:

Quality measure	Number of wound infections per 100 discharges. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with post-operative or post-traumatic wound infection in any secondary diagnosis (see page 36).
Population at risk	All discharges.

***Outcomes
Coded Complications***

Indicator

Adverse effects and iatrogenic complications

Relationship to quality

This indicator combines a wide range of conditions and procedures that denote potentially substandard care and poor outcomes.

These complications and adverse events are explicitly identified by ICD-9-CM codes; thus, all cases in the hospital are screened for these conditions. This indicator is part of the Complications Screening Program.^{2,3}

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of complications per 100 discharges. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with <ul style="list-style-type: none"> • post-operative hemorrhage or hematoma diagnoses (see page 36); • procedures to control hemorrhage (see page 36); • miscellaneous post-operative complication diagnoses (persistent post-operative fistula, air embolism due to a procedure, transfusion reaction, and other coded complications of medical care [see page 36]); • iatrogenic complication diagnoses (surgical complication or late amputation complication [see page 36]); • shock due to anesthesia (see page 37); or • sentinel event diagnoses (accidental operative laceration, post-operative wound disruption, foreign body left during procedure, reaction to foreign substance accidentally left during procedure, or ABO or rh incompatibility [see page 37]) in any secondary diagnosis or procedure.
Population at risk	All discharges.

Outcomes
Complications Among Surgical Patients

Indicator **Pulmonary compromise after major surgery**

Relationship to quality Although patients who receive general anesthesia are at risk for subsequent pulmonary complications, meticulous post-operative care should prevent most such occurrences. This indicator is part of the Complications Screening Program^{2,3} and identifies diagnoses or procedures that suggest a possible complication resulting from treatment in the hospital.

It is presumed that patients with these cardiorespiratory conditions on admission will not receive surgery immediately after admission. Thus, if one of these conditions is coded and surgery occurs early in the hospitalization, it is very likely that the condition occurred as a complication of treatment.

Benchmark State, regional, or peer group average.

Method:

Quality measure	Number of complications per 100 procedures. Standardized rate.
Outcome of interest	Post-operative discharges with pulmonary congestion, lung edema, or respiratory insufficiency or failure in any secondary diagnosis (see page 37).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with major surgery (see page 50, 52) on day 1 or 2 of admission. Exclude discharges in MDC 4 (respiratory) or MDC 5 (cardiovascular). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Outcomes
Complications Among Surgical Patients

Indicator

Acute myocardial infarction after major surgery

Relationship to quality

The risk of surgery-related myocardial infarction increases for patients with existing cardiac conditions, age greater than 70 years, and poor medical condition.⁴ Myocardial infarction after surgery may indicate that patients were inadequately screened prior to surgery or that they experienced substandard care during or following surgery. This indicator is part of the Complications Screening Program^{2,3} and identifies diagnoses or procedures that suggest a possible complication resulting from treatment in the hospital.

It is presumed that patients with these cardiorespiratory conditions on admission will not receive surgery immediately after admission. Thus, if one of these conditions is coded and surgery occurs early in the hospitalization, it is very likely that the condition occurred as a complication of treatment.

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of complications per 100 procedures. Standardized rate.
Outcome of interest	Post-operative discharges with acute myocardial infarction in any secondary diagnosis (see page 37).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with major surgery (see page 50, 52) on day 1 or 2 of admission. Exclude discharges in MDC 5 (cardiovascular). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

***Outcomes
Complications Among Surgical Patients***

Indicator **Gastrointestinal hemorrhage or ulceration after major surgery**

Relationship to quality Irritation to the lining of the stomach or duodenum can occur in surgical patients as a result of medications, excessive secretion of gastric acid, and other factors. Gastrointestinal hemorrhage or ulceration can be prevented under most circumstances through prophylactic use of medication that coats the stomach lining or that inhibits the secretion of gastric acid. This indicator is part of the Complications Screening Program^{2,3} and identifies diagnoses or procedures that suggest a possible complication resulting from treatment in the hospital.

Patients with hemorrhage or ulceration on admission normally will not receive surgery immediately after admission. Thus, if one of these conditions is coded and surgery occurs early in the hospitalization, it is very likely that the condition occurred as a complication of treatment.

Benchmark State, regional, or peer group average.

Method:

Quality measure	Number of complications per 100 procedures. Standardized rate.
Outcome of interest	Post-operative discharges with gastrointestinal hemorrhage or ulceration in any secondary diagnosis (see page 37).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with major surgery (see page 50, 52) on day 1 or 2 of admission. Exclude discharges in MDC 6 (gastrointestinal) or MDC 7 (hepatobiliary). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Outcomes
Complications Among Surgical Patients

Indicator

Venous thrombosis or pulmonary embolism after major surgery/invasive vascular procedure

Relationship to quality

Blood clots in the deep veins (venous thrombosis) can dislodge and travel in the circulation to the lung, causing blockage of the pulmonary circulation (pulmonary embolism). Post-operative patients are at particular risk due to immobility, tissue damage from surgery, and medications. Although patients who receive general anesthesia are at risk for such complications, meticulous post-operative care should prevent most such occurrences. This indicator is part of the Complications Screening Program^{2,3} and identifies diagnoses or procedures that suggest a possible complication resulting from treatment in the hospital.

Patients with venous thrombosis or pulmonary embolism on admission normally will not receive surgery or major invasive procedures immediately after admission. Thus, if one of these conditions is coded and surgery occurs early in the hospitalization, it is very likely that the condition occurred as a complication of treatment.

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of complications per 100 procedures. Standardized rate.
Outcome of interest	Post-operative and medical discharges with venous thrombosis or pulmonary embolism in any secondary diagnosis (see page 38).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with (1) major surgery (see page 50, 52) or (2) invasive vascular procedures (see page 126) on day 1 or 2 of admission. Exclude discharges with venous thrombosis as principal diagnosis (see page 38). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

*Outcomes
Complications Among Surgical Patients*

Indicator Mechanical complications due to device, implant, or graft (excluding organ transplant)

Relationship to quality This indicator combines a wide range of conditions that denote malfunctions or complications of devices, grafts, or implants, including infections and reactions. It is part of the Complications Screening Program^{2,3} and identifies diagnoses or procedures that suggest a possible complication resulting from treatment in the hospital.

Patients with these mechanical complication conditions on admission normally will not receive a different major surgery immediately after admission. Thus, if one of these conditions is coded and major surgery occurs early in the hospitalization, it is very likely that the condition occurred as a complication of treatment.

Benchmark State, regional, or peer group average.

Method:

Quality measure	Number of complications per 100 procedures. Standardized rate.
Outcome of interest	Post-operative discharges with complication, malfunction, or reaction to device, implant, or graft in any secondary diagnosis (see page 38).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with major surgery (see page 50, 52) on day 1 or 2 of admission. Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Outcomes
Complications Among Surgical Patients

Indicator

Urinary tract infection after major surgery

Relationship to quality

Infections of the urinary tract can result from Foley catheterization of the urinary bladder to monitor surgical patients' output of fluids. Although patients who receive anesthesia and catheterization are at risk for subsequent urinary tract infections, meticulous post-operative care should prevent most such occurrences. This indicator identifies diagnoses or procedures that suggest a possible complication resulting from treatment in the hospital.

Patients with urinary tract infections on admission normally will not receive surgery immediately after admission. Thus, if one of these conditions is coded and surgery occurs early in the hospitalization, it is very likely that the condition occurred as a complication of treatment.

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of complications per 100 procedures. Standardized rate.
Outcome of interest	Discharges with urinary tract infection in any secondary diagnosis (see page 38).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with major surgery (see page 50, 52) on day 1 or 2 of admission. Exclude discharges in MDC 11 (renal), MDC 12 (male genital), MDC 13 (female genital). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Outcomes
Complications Among Surgical Patients

Indicator **Pneumonia after major surgery/invasive vascular procedure**

Relationship to quality Surgical patients are at particular risk for post-operative pneumonia (acute inflammation of the lung). Pneumonia usually results from immobility, inadequately treated atelectasis (partial collapse of lung tissue), or contamination of the airway through aspiration. Although patients who receive general anesthesia are at risk for pneumonia, meticulous post-operative care should prevent most such occurrences. This indicator is part of the Complications Screening Program^{2,3} and identifies diagnoses or procedures that suggest a possible complication resulting from treatment in the hospital.

Patients with pneumonia on admission normally will not receive surgery or a major invasive procedure immediately after admission. Thus, if one of these conditions is coded and surgery occurs early in the hospitalization, it is very likely that the condition occurred as a complication of treatment.

Benchmark State, regional, or peer group average.

Method:

Quality measure	Number of complications per 100 procedures. Standardized rate.
Outcome of interest	Discharges with pneumonia in any secondary diagnosis (see page 38).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with (1) major surgery (see page 50, 52) or (2) invasive vascular procedures (see page 126) on day 1 or 2 of admission. Exclude discharges: <ul style="list-style-type: none"> • in MDC 4 (respiratory), • with cancer (see page 39), or • with diagnoses or procedures indicating compromised immune status or AIDS (see page 43). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Indicator **Cesarean section delivery**

Relationship to quality The percentage of babies delivered by cesarean section (C-section) tripled from 1970 to 1980, and in 1990 represented nearly 25 percent of all births. Although perinatal mortality has dropped in recent years, evidence suggests that the improvement is attributable to advances in neonatal care rather than the method of birth. Moreover, maternal complications such as hemorrhage, infection, and mortality are more common in women who have a C-section than among women who deliver vaginally.⁵

Although the overall C-section rate cannot determine inappropriate use, examining the variation in C-section rates across institutions and regions may identify areas where C-section rates can be reduced.

Benchmark No more than 15 C-sections per 100 deliveries.¹

Method:

Quality measure	Number of C-sections per 100 deliveries. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	C-section deliveries (see page 44).
Population at risk	All deliveries (see page 44).

**Utilization
Obstetrical**

Indicator

Successful vaginal birth after cesarean section (VBAC)

Relationship to quality

Repeat C-sections continue to account for a large percentage of the cesarean births in the United States despite recommendations that VBAC is safe and beneficial for most women. Among women with previous C-sections delivering in 1987, 91.2 percent received a repeat C-section.¹ Reducing the rate of repeat C-sections will reduce C-section related complications.

The American College of Obstetricians and Gynecologists has recommended that women with a previous low transverse incision be encouraged to attempt vaginal delivery.⁶

Although the overall VBAC rate will not distinguish inappropriate from appropriate use of C-sections, examining the variation in VBAC rates across institutions and regions may identify areas where VBAC rates can be increased.

Benchmark

It is recommended that the repeat C-section rate be no more than 65 per 100 among women who had a previous cesarean. Thus, the benchmark for VBAC rates is 35 per 100.¹

Method:

Quality measure	Number of vaginal births per 100 discharges with diagnosis of previous C-section. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with vaginal delivery (see page 44).
Population at risk	All deliveries (see page 44) with previous C-section diagnosis in any diagnosis field (see page 44).

Indicator

Incidental appendectomy among elderly

Relationship to quality

Incidental appendectomy is often performed at the time of a different intra-abdominal procedure to prevent the risk of morbidity or mortality from future appendicitis. Elderly individuals are at lower risk to develop appendicitis than are people under the age of 50. The risk of complications, such as infection and mortality, associated with incidental appendectomy outweighs the potential preventive effect in this population. It has been estimated that it would require 4,472 incidental appendectomies to prevent one appendicitis-related death among patients 65 years and over.⁷ Incidental appendectomy should not be performed among elderly patients.⁸

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of incidental appendectomies per 100 elderly with intra-abdominal procedure. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with incidental appendectomy in any procedure field (see page 44).
Population at risk	All non-maternal/non-neonatal discharges age 65 years or older with intra-abdominal procedure in any procedure field (see page 44). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

**Utilization
Other Procedures**

Indicator

Hysterectomy

Relationship to quality

Hysterectomy, or surgical removal of the uterus, is performed for more indications than any other single procedure. Studies have shown that 41 percent of hysterectomies are performed for reasons that may be considered inappropriate.⁹ Several interventions have demonstrated that the rate of inappropriate hysterectomies can be reduced.^{10,11,12}

Although the overall hysterectomy rate cannot determine inappropriate use, examining the variation in hysterectomy rates across institutions and regions may identify areas where hysterectomy rates can be reduced.

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of hysterectomies per 100 adult non-elderly female discharges. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with abdominal or vaginal hysterectomy in any procedure field (see page 45).
Population at risk	All non-maternal/non-neonatal discharges of females age 18-64 years. Exclude: <ul style="list-style-type: none"> • genital cancer (see page 45), or • pelvic or lower abdominal trauma (see page 45). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Indicator

Laminectomy and/or spinal fusion

Relationship to quality

Rates for laminectomy (removing a portion of the vertebra) and spinal fusion (joining of two or more vertebrae for stabilization) have grown rapidly in recent years, and substantial variation in rates across nearby small areas has been documented.^{13,14,15} Laminectomy for lower back pain is more common for well-insured white males, and at teaching hospitals or medium-sized hospitals with high occupancy rates. At the same time, some studies suggest that laminectomy and fusion are not superior to nonsurgical procedures for back pain, and may in fact be inferior.¹⁶

Although the overall laminectomy and spinal fusion rate cannot determine inappropriate use, examining the variation in laminectomy/spinal fusion rates across institutions and regions may identify areas where laminectomy rates can be reduced.

Benchmark

State, regional, and peer group average.

Method:

Quality measure	Number of laminectomies and/or spinal fusions per 100 adult discharges. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with laminectomy, spinal exploration, excision or destruction of intervertebral disc, and/or spinal fusion in any procedure field (see page 45).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older. Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Utilization
Other Procedures

Indicator

Transurethral prostatectomy

Relationship to quality

The most common treatment for benign prostatic hypertrophy is transurethral resection of the prostate (TURP), removal of the prostate through an instrument inserted into the penis. There are alternative treatments, including watchful waiting, medical treatments, and other forms of surgery, such as open prostatectomy and balloon dilation. Although TURP is more likely to be successful than less invasive therapies, it also has a higher likelihood of complications, including uncontrollable urinary leakage, impotence, and post-operative death. A recent guideline has recommended TURP only for men with serious symptoms, such as urinary retention, kidney problems, and urinary tract infections.¹⁷

Although the overall TURP rate cannot determine inappropriate use, examining the variation in TURP rates across institutions and regions may identify areas where TURP rates can be reduced.

Benchmark

State, regional, and peer group average.

Method:

Quality measure	Number of transurethral prostatectomies per 100 adult male discharges. $(\text{Outcome of interest} \div \text{population at risk}) * 100$
Outcome of interest	Discharges with transurethral prostatectomy in any procedure field (see page 45).
Population at risk	All male discharges age 50 years or older.

Indicator

Radical prostatectomy

Relationship to quality

Radical prostatectomy (removal of the prostate through an open incision) is among the most common forms of therapy for localized prostate cancer, a very slow-growing tumor in elderly men. The performance of radical prostatectomy has increased rapidly in the United States and varies to an extraordinary degree:

- The rate was nearly six times higher in 1990 than in 1984, and
- The age- and race-adjusted rates across the United States range from 20.4 to 428.5 per 100,000 male Medicare beneficiaries.¹⁸

These changes and variations are primarily attributable to changes in physician practice patterns. There is no evidence that radical prostatectomy is superior to less invasive therapy, and the probability of medical complications following surgery is high.^{19,20}

Although the overall radical prostatectomy rate cannot determine inappropriate use, examining the variation in radical prostatectomy rates across institutions and regions may identify areas where rates can be reduced.

Benchmark

State, regional, and peer group average.

Method:

Quality measure	Number of radical prostatectomies per 100 adult male discharges. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with radical prostatectomy in any procedure field (see page 45).
Population at risk	All male discharges age 50 years or older.

***Utilization
Other Procedures***

Indicator

Laparoscopic cholecystectomy

Relationship to quality

Cholecystectomy, surgical removal of the gallbladder, can now be performed with a laparoscope. Compared with open cholecystectomy, laparoscopic cholecystectomy has significantly lower morbidity and 80 percent lower mortality, even when controlling for patient characteristics.^{21,22,23}

This indicator provides insight into the extent to which health care facilities and training support the adoption of a new, less invasive technology.

Benchmark

State, regional, and peer group average.

Method:

Quality measure	Number of laparoscopic cholecystectomies per 100 cholecystectomies. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with laparoscopic cholecystectomy in any procedure field (see page 45).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with any type of cholecystectomy (see page 45). Screen diagnoses to limit risk population to uncomplicated cases: cholecystitis and/or cholelithiasis (see page 46). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

**Utilization
Other Procedures**

Indicator

Coronary artery bypass graft (CABG)

Relationship to quality

CABG (the surgical restoration of blood flow to the coronary arteries) is a common treatment for individuals with evidence of coronary artery disease. Yet, studies have demonstrated wide variations in the use of coronary artery bypass and up to 37 percent of the procedures may be performed inappropriately.^{24,25} In addition, outcomes from CABG are better at institutions that perform more CABGs.²⁶

Although the overall CABG rate cannot determine inappropriate use, it may identify areas where CABG rates can be reduced or where too few procedures are performed.

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of CABGs per 100 adult discharges. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with CABG with or without cardiac catheterization in any procedure field (see page 46).
Population at risk	All non-maternal/non-neonatal discharges age 40 years or older. Exclude transfers from another institution. Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

*Access to Primary Care
Obstetrical*

Indicator

Low birthweight

Relationship to quality

Low birthweight is a major determinant of infant mortality. The role of maternal factors in influencing birthweight has been clearly and repeatedly demonstrated. Although some of these factors are not amenable to change, others such as smoking cessation, higher maternal weight gain, and initiation of early prenatal care have been shown to improve the course and outcome of pregnancy and can reduce the incidence of low birthweight.²⁷

Hospitals that have a disproportionately high percentage of low birthweight infants may reveal a problem in access to prenatal care in the community.

Benchmark

- No more than 5 percent of live births for the total population have low birthweight (less than 2500 grams).¹
- No more than 9 percent of live births for the black population have low birthweight (less than 2500 grams).¹

Method:

Quality measure	Number of births less than 2500 grams per 100 newborns. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with diagnoses of <ul style="list-style-type: none"> • light for dates, • fetal malnutrition, • fetal growth retardation, or • extreme immaturity or preterm infant and birthweight less than 2500 grams or unspecified, in any diagnosis field (see page 46).
Population at risk	Discharges in MDC 15 (newborns and other neonates). Exclude transfers from another institution.

Indicator

Very low birthweight

Relationship to quality

Low birthweight is a major determinant of infant mortality, and infants with very low birthweight (less than 1500 grams) are especially at risk. The role of maternal factors in influencing birthweight has been clearly and repeatedly demonstrated. Although some of these factors are not amenable to change, others such as smoking cessation, higher maternal weight gain, and initiation of early prenatal care have been shown to improve the course and outcome of pregnancy and can reduce the incidence of very low birthweight.²⁷

Hospitals that have a disproportionately high percentage of very low birthweight infants may reveal a problem in access to prenatal care in the community.

Benchmark

- No more than 1 percent of live births for the total population have very low birthweight (less than 1500 grams).¹
- No more than 2 percent of live births for the black population have very low birthweight (less than 1500 grams).¹

Method:

Quality measure	Number of births less than 1500 grams per 100 newborns. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with diagnoses of: <ul style="list-style-type: none"> • light for dates, • fetal malnutrition, • fetal growth retardation, or • extreme immaturity or preterm infant and birthweight less than 1500 grams, in any diagnosis field (see page 46).
Population at risk	Discharges in MDC 15 (newborns and other neonates). Exclude transfers from another institution.

*Access to Primary Care
Pediatric*

Indicator

Pediatric asthma discharges

Relationship to quality

Asthma that is under good medical control rarely requires hospitalization. A strong relationship has been found between hospitalization for asthma and low socioeconomic status, particularly among children and adolescents. It has been demonstrated that adequate ambulatory care can prevent hospitalization for asthma.^{28,29}

Hospitals with high rates of pediatric asthma may reveal a problem in access to primary care in the community.

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of discharges with asthma per 100 pediatric admissions. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Pediatric discharges with asthma in any diagnosis field (see page 46).
Population at risk	All non-maternal/non-neonatal discharges age under 18 years. Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

*Access to Primary Care
Prevention*

Indicator

Immunization-preventable pneumonia and influenza among the elderly

Relationship to quality

Pneumococcal disease and influenza are significant causes of morbidity and mortality in the United States. Elderly persons and persons with underlying medical disorders are at increased risk for complications from both infections.

The Centers for Disease Control Immunization Practices Advisory Committee recommends that pneumococcal and influenza vaccinations should be provided to all persons age 65 and older, as well as other high-risk individuals.^{30,31}

Low utilization of vaccines among the elderly has been identified as one reason for continued high mortality from influenza. A number of programs and services have been suggested to increase immunization rates, including:

- Provide adult immunizations in public health departments,
- Reduce financial barriers to adult immunization, and
- Encourage primary care providers to provide information and immunizations.¹

Hospitals with high rates of preventable pneumonia and influenza among the elderly may reveal a problem in access to immunizations in the community.

Benchmark

Although goals for immunization rates in the community have been espoused (80 percent among elderly people by the year 2000), no benchmarks are available for hospital admission rates for these conditions.

Method:

Quality measure	Number of discharges with immunization-preventable pneumonia and influenza per 100 elderly discharges. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with pneumococcal pneumonia, influenza, or influenza with pneumonia in any diagnosis field (see page 47).
Population at risk	All non-maternal/non-neonatal discharges age 65 years or older. Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

***Access to Primary Care
Prevention***

Indicator

Cerebrovascular disease among non-elderly adults

Relationship to quality

Cerebrovascular disease, or stroke, accounts for approximately 7 percent of all deaths in the United States and is a major cause of morbidity, disability, and death. There appears to be a higher incidence of stroke among blacks than among whites or Hispanics.³² The three major risk factors for stroke are high blood pressure, high blood cholesterol, and cigarette smoking.

There is evidence that reducing these risk factors will reduce the risk of cerebrovascular disease.^{33,34} Large-scale community risk reduction trials have shown that these risk factors are modifiable and that their reduction can result in lower stroke-related morbidity and mortality.³⁵

Hospitals with high rates of cerebrovascular disease among the non-elderly may reveal a need for targeted risk reduction in the community.

Benchmark

State, regional, and peer group average.

Method:

Quality measure	Number of discharges with cerebrovascular disease per 100 non-elderly adult discharges. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with: <ul style="list-style-type: none"> • intracranial hemorrhage, • cerebral or precerebral arterial occlusion, • cerebral thrombosis, • cerebrovascular accident, • cerebral atherosclerosis, • cerebrovascular disease, • late effects of cerebrovascular disease, or • transient cerebral ischemia in any diagnosis field (see page 47).
Population at risk	All non-maternal/non-neonatal discharges age 18-64 years. Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Indicator

Diabetes – short-term complications

Relationship to quality

The major acute complications of diabetes include hypoglycemia and diabetic coma. Diabetic coma, a situation that requires emergency treatment, includes hyperglycemic coma (diabetic ketoacidosis and hyperosmolar coma), hypoglycemic coma, and lactic acidosis.

These complications are more likely to occur if patients do not adhere to therapy, possibly because of poor education about the management of diabetes, or are receiving inadequate monitoring and surveillance from qualified medical personnel.³⁶

Hospitals with high rates of diabetic complications may reveal a problem in access to diabetes services in the community.

Benchmark

State, regional, and peer group average.

Method:

Quality measure	Number of discharges with short-term complications per 100 adult discharges with diabetes. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Adult discharges with uncontrolled diabetes, diabetic ketoacidosis, diabetes with hyperosmolar or unspecified coma in any diagnosis field (see page 47).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with any diabetes code in any diagnosis field (see page 47). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

***Access to Primary Care
Internal Medicine***

Indicator

Diabetes – long-term complications

Relationship to quality

Major complications of diabetes of long duration include:

- retinopathy;
- microvascular disease (including coronary heart disease, cerebrovascular disease, and peripheral vascular disease, leading to amputation);
- sensory neuropathy; and
- impaired renal function.

The onset of these complications can be postponed or reduced if patients with diabetes are able to control their blood glucose to near normal levels and if they receive sufficient and prompt medical care for complications in their early stages.^{36,37}

Hospitals with high rates of diabetic complications may reveal a problem in access to diabetes services in the community.

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of discharges with long-term complications per 100 adult discharges with diabetes. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Adult discharges with renal, eye, neurological, circulatory, or other complication due to diabetes in any diagnosis field (see page 48).
Population at risk	All non-maternal/non-neonatal discharges age 18 years or older with any diabetes code in any diagnosis field (see page 48). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

Indicator

Perforated appendix

Relationship to quality

If appendectomy is performed early, it is often possible to avoid peritonitis or appendiceal abscess. Although patients may present for care too late to prevent these complications, the occurrence of these two conditions may indicate a problem in access to needed care.

By identifying hospitals that discharge a disproportionately high percentage of patients with appendiceal abscess or appendicitis with peritonitis, it may be possible to identify communities or population subgroups that lack appropriate services or access to early surgical treatment.

Benchmark

State, regional, or peer group average.

Method:

Quality measure	Number of perforations or abscesses of appendix per 100 discharges with appendicitis. (Outcome of interest ÷ population at risk) * 100
Outcome of interest	Discharges with abscess of appendix or acute appendicitis with peritonitis in any diagnosis field (see page 48).
Population at risk	All non-maternal/non-neonatal discharges with any appendicitis diagnosis in any diagnosis field (see page 48). Exclude MDC 14 (pregnancy, childbirth, and puerperium) and MDC 15 (newborns and other neonates).

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**Appendix A:
Definitions of Outcomes of Interest and Populations at Risk**

Definitions of Outcomes of Interest and Populations at Risk

Legend: Certain definitions take effect starting in a particular fiscal year. The following symbols are used to identify the particular year and follow the definition.

- ! → an update for fiscal year 1995
- % → an update for fiscal year 1996
- # → an update for fiscal year 1997
- @ → an update for fiscal year 1998
- & → an update for fiscal year 1999

No symbols are present for codes in effect prior to fiscal year 1995

In-hospital mortality following common elective procedures

Hysterectomy (Population at Risk):

ICD-9-CM Procedure Codes:

- 683 SUBTOT ABD HYSTERECTOMY
- 684 TOTAL ABD HYSTERECTOMY
- 685 VAGINAL HYSTERECTOMY
- 6851 LAP AST VAG HYSTERECTOMY#
- 6859 OTHER VAG HYSTERECTOMY#
- 686 RADICAL ABD HYSTERECTOMY
- 687 RADICAL VAG HYSTERECTOMY

Exclude female genital cancer (Population at Risk):

ICD-9-CM Diagnosis Codes:

- 179 MALIG NEOPL UTERUS NOS
- 1800 MALIG NEO ENDOCERVIX
- 1801 MALIG NEO EXOCERVIX
- 1808 MALIG NEO CERVIX NEC
- 1809 MAL NEO CERVIX UTERI NOS
- 181 MALIGNANT NEOPL PLACENTA
- 1820 MALIG NEO CORPUS UTERI
- 1821 MAL NEO UTERINE ISTHMUS
- 1828 MAL NEO BODY UTERUS NEC
- 1830 MALIGN NEOPL OVARY
- 1832 MAL NEO FALLOPIAN TUBE
- 1833 MAL NEO BROAD LIGAMENT
- 1834 MALIG NEO PARAMETRIUM
- 1835 MAL NEO ROUND LIGAMENT
- 1838 MAL NEO ADNEXA NEC
- 1839 MAL NEO ADNEXA NOS
- 1840 MALIGN NEOPL VAGINA
- 1841 MAL NEO LABIA MAJORA
- 1842 MAL NEO LABIA MINORA
- 1843 MALIGN NEOPL CLITORIS
- 1844 MALIGN NEOPL VULVA NOS
- 1848 MAL NEO FEMALE GENIT NEC
- 1849 MAL NEO FEMALE GENIT NOS
- 2331 CA IN SITU CERVIX UTERI
- 2332 CA IN SITU UTERUS NEC
- 2333 CA IN SITU FEM GEN NEC
- 2360 UNCERT BEHAV NEO UTERUS
- 2361 UNC BEHAV NEO PLACENTA
- 2362 UNC BEHAV NEO OVARY
- 2363 UNC BEHAV NEO FEMALE NEC

Exclude pelvic or lower abdominal trauma (Population at Risk):

ICD-9-CM Diagnosis Codes:

- 8674 UTERUS INJURY-CLOSED
- 8675 UTERUS INJURY-OPEN
- 8676 PELVIC ORGAN INJ NEC-CL
- 8677 PELVIC ORGAN INJ NEC-OPN
- 8678 PELVIC ORGAN INJ NOS-CL
- 8679 PELVIC ORGAN INJ NOS-OPN
- 86800 INTRA-ABDOM INJ NOS-CLOS
- 86803 PERITONEUM INJURY-CLOSED
- 86804 RETROPERITONEUM INJ-CL
- 86809 INTRA-ABDOM INJ NEC-CLOS
- 86810 INTRA-ABDOM INJ NOS-OPEN
- 86813 PERITONEUM INJURY-OPEN
- 86814 RETROPERITONEUM INJ-OPEN
- 86819 INTRA-ABDOM INJ NEC-OPEN
- 8690 INTERNAL INJ NOS-CLOSED
- 8691 INTERNAL INJURY NOS-OPEN
- 8796 OPEN WOUND OF TRUNK NEC
- 8797 OPEN WND TRUNK NEC-COMPL
- 8798 OPEN WOUND SITE NOS
- 8799 OPN WOUND SITE NOS-COMPL
- 9060 LT EFF OPN WND HEAD/TRNK
- 9082 LATE EFF INT INJURY NEC
- 9391 FOREIGN BODY UTERUS
- 9474 BURN OF VAGINA & UTERUS

Laminectomy and/or spinal fusion (Population at Risk):

ICD-9-CM Procedure Codes:

- 0302 REOPEN LAMINECTOMY SITE
- 0309 SPINAL CANAL EXPLOR NEC
- 8050 EXC/DEST INTVRT DISC NOS
- 8051 EXCISION INTERVERT DISC
- 8059 OTH EXC/DEST INTVRT DISC
- 8100 SPINAL FUSION NOS
- 8101 ATLAS-AXIS FUSION
- 8102 OTH CERV FUSION, ANTER
- 8103 OTH CERV FUSION, POSTER
- 8104 DORSAL FUSION, ANTERIOR
- 8105 DORSAL FUSION, POSTERIOR
- 8106 LUMBAR FUSION, ANTERIOR
- 8107 LUMBAR FUSION, LATERAL
- 8108 LUMBAR FUSION, POSTERIOR
- 8109 REFUSION OF SPINE

Definitions of Outcomes of Interest and Populations at Risk

Intervertebral disc displacement (Population at Risk):

ICD-9-CM Diagnosis Codes:

7220 CERVICAL DISC DISPLACMNT
72210 LUMBAR DISC DISPLACEMENT
72211 THORACIC DISC DISPLACMNT
7222 DISC DISPLACEMENT NOS

71525 LOC 2ND OSTEOARTH-PELVIS
71528 LOC 2ND OSTEOARTHROS NEC
71530 LOC OSTEOARTH NOS-UNSPEC
71535 LOC OSTEOARTH NOS-PELVIS
71538 LOC OSTEOAR NOS-SITE NEC
71580 OSTEOARTHROSIS-MULT SITE
71589 OSTEOARTHROSIS-MULT SITE
71590 OSTEOARTHROS NOS-UNSPEC
71595 OSTEOARTHROS NOS-PELVIS
71598 OSTEOARTHRO NOS-OTH SITE

Cholecystectomy (Population at Risk):

ICD-9-CM Procedure Codes:

5121 OTH PART CHOLECYSTECTOMY#
5122 CHOLECYSTECTOMY
5123 LAPAROSCOPIC CHOLE
5124 LAP PART CHOLECYSTECTOMY#

Knee replacement (Population at Risk):

ICD-9-CM Procedure Codes:

8154 TOTAL KNEE REPLACEMENT

Uncomplicated cholecystitis and/or cholelithiasis (Population at Risk):

ICD-9-CM Diagnosis Codes:

57410 CHOLELITH W CHOLECYS NEC
57420 CHOLELITHIASIS NOS
57460 CHOLELITH W/ AC W/O OBS#
57470 CHOLELITH W/ OT W/O OBS#
57480 CHOLELITH AC/CHR W/O OBS#
57490 CHOLELITH W/O OBS#
5751 CHOLECYSTITIS NEC
57510 CHOLECYSTITIS NOS#
57511 CHRONIC CHOLECYSTITIS#
57512 ACUTE & CHR CHOLECYSTITIS#

Osteoarthritis of knee (Population at Risk):

ICD-9-CM Diagnosis Codes:

71500 GENL OSTEOARTHROSIS NOS
71509 GENL OSTEOARTHROSIS MULT
71510 LOC PRIM OSTEOART-UNSPEC
71516 LOC PRIM OSTEOART-L/LEG
71518 LOC PRIM OSTEOARTH NEC
71520 LOC 2ND OSTEOARTH-UNSPEC
71526 LOC 2ND OSTEOARTH-L/LEG
71528 LOC 2ND OSTEOARTHROS NEC
71530 LOC OSTEOARTH NOS-UNSPEC
71536 LOC OSTEOARTH NOS-L/LEG
71538 LOC OSTEOAR NOS-SITE NEC
71580 OSTEOARTHROSIS-MULT SITE
71589 OSTEOARTHROSIS-MULT SITE
71590 OSTEOARTHROS NOS-UNSPEC
71596 OSTEOARTHROS NOS-L/LEG
71598 OSTEOARTHRO NOS-OTH SITE

Prostatectomy (Population at Risk):

ICD-9-CM Procedure Code:

602 TURP
6021 TRANSURETH PROSTATECTOMY%
6029 OTH TRANSURETH PROSTATEC%

Obstetrical complications

Obstetrical complications -- Diagnoses (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

2851 AC POSTHEMORRHAG ANEMIA
66430 DEL W 4 DEG LACERAT-UNSP
66431 DEL W 4 DEG LACERAT-DEL
66434 DEL W 4 DEG LAC-POSTPART
66600 THIRD-STAGE HEM-UNSPEC
66602 THRD-STAGE HEM-DEL W P/P
66604 THIRD-STAGE HEM-POSTPART
66610 POSTPARTUM HEM NEC-UNSP
66612 POSTPA HEM NEC-DEL W P/P
66614 POSTPART HEM NEC-POSTPAR
66620 DELAY P/PART HEM-UNSPEC
66622 DELAY P/P HEM-DEL W P/P
66624 DELAY P/PART HEM-POSTPAR
66800 PULM COMPL IN DEL-UNSPEC
66801 PULM COMPL IN DEL-DELIV
66802 PULM COMPLIC-DEL W P/P
66804 PULM COMPLICAT-POSTPART
66810 HEART COMPL IN DEL-UNSP
66811 HEART COMPL IN DEL-DELIV
66812 HEART COMPL-DEL W P/P
66814 HEART COMPLIC-POSTPART
66820 CNS COMPL LABOR/DEL-UNSP
66821 CNS COMPL LAB/DEL-DELIV
66822 CNS COMPLIC-DEL W P/P

Prostatic hyperplasia (Population at Risk):

ICD-9-CM Diagnosis Code:

600 HYPERPLASIA OF PROSTATE

Hip replacement (Population at Risk):

ICD-9-CM Procedure Codes:

8151 TOTAL HIP REPLACEMENT
8152 PARTIAL HIP REPLACEMENT
8159 OTH TOT HIP REPLACEMENT ***(ONLY JAN80-SEP89)**

Osteoarthritis of hip (Population at Risk):

ICD-9-CM Diagnosis Codes:

71500 GENL OSTEOARTHROSIS NOS
71509 GENL OSTEOARTHROSIS MULT
71510 LOC PRIM OSTEOART-UNSPEC
71515 LOC PRIM OSTEOART-PELVIS
71518 LOC PRIM OSTEOARTH NEC
71520 LOC 2ND OSTEOARTH-UNSPEC

Definitions of Outcomes of Interest and Populations at Risk

66824 CNS COMPL IN DEL-POSTPAR
 66880 ANESTH COMP DEL NEC-UNSP
 66881 ANESTH COMPL NEC-DELIVER
 66882 ANESTH COMPL NEC-DEL P/P
 66884 ANESTH COMPL-POSTPARTUM
 66890 ANESTH COMP DEL NOS-UNSP
 66891 ANESTH COMPL NOS-DELIVER
 66892 ANESTH COMPL NOS-DEL P/P
 66894 ANESTH COMPL-POSTPARTUM
 66910 OBSTETRIC SHOCK-UNSPEC
 66911 OBSTETRIC SHOCK-DELIVER
 66912 OBSTET SHOCK-DELIV W P/P
 66914 OBSTETRIC SHOCK-POSTPART
 66930 AC REN FAIL W DELIV-UNSP
 66932 AC REN FAIL-DELIV W P/P
 66934 AC RENAL FAILURE-POSTPAR
 66940 OTH OB SURG COMPL-UNSPEC
 66941 OTH OB COMPL-DELIVERED
 66942 OTH OB COMPL-DELIV W P/P
 66943 OTH CX OF OBSTET PROC,
 ANTEPARTUM!
 66944 OTH OB SURG COMPL-POSTPA
 67000 MAJOR PUERP INFECT-UNSP
 67002 MAJOR PUERP INF-DEL P/P
 67004 MAJOR PUERP INF-POSTPART
 67300 OB AIR EMBOLISM-UNSPEC
 67301 OB AIR EMBOLISM-DELIVER
 67302 OB AIR EMBOL-DELIV W P/P
 67304 OB AIR EMBOLISM-POSTPART
 67400 PUERP CEREBVASC DIS-UNSP
 67401 PUERP CEREBVAS DIS-DELIV
 67402 CEREBVAS DIS-DELIV W P/P
 67404 CEREBROVASC DIS-POSTPART
 67410 DISRUPT C-SECT WND-UNSP
 67412 DISRUPT C-SECT-DEL W P/P
 67414 DISRUPT C-SECT-POSTPART
 67420 DISRUPT PERINEUM-UNSPEC
 67422 DISRUPT PERIN-DEL W P/P
 67424 DISRUPT PERINEUM-POSTPAR
 67510 BREAST ABSCESS PREG-UNSP
 67511 BREAST ABSCESS-DELIVERED
 67512 BREAST ABSCESS-DEL W P/P
 67514 BREAST ABSCESS-POSTPART

Obstetrical complications -- Procedures (Outcome of Interest):

ICD-9-CM Procedure Codes:

9900 PERIOP AUTOLOG BLD TRANS%
 9902 WHOLE BLOOD AUTOTRANSFUS
 9902 TRANSFUS PREV AUTO BLOOD%
 9903 WHOLE BLOOD TRANSFUS NEC
 9904 PACKED CELL TRANSFUSION
 9908 BLOOD EXPANDER TRANSFUS

All deliveries (Population at Risk):

DRGs:

370 CESAREAN SECTION W CC
 371 CESAREAN SECTION W/O CC
 372 VAGINAL DELIVERY W COMPL
 373 VAG DELIVERY W/O COMPL
 374 VAG DELIV W STERIL OR DC
 375 VAG DELIV W OTH OR PROC

Wound infection

Wound infection (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

9583 POSTTRAUM WND INFEC NEC
 9985 POSTOPERATIVE INFECTION
 99851 INFECTED POSTOP SEROMA#
 99859 OTHER POSTOP INFECTION#

Adverse effects and iatrogenic complications

Post-procedure hemorrhage diagnoses (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

9981 HEMORR COMPLIC PROCEDURE
 99811 HEMORR AS COMPLIC PROC#
 99812 HEMATOMA COMPLIC PROC#
 99813 SEROMA COMPLICATING PROC#

Post-procedure hemorrhage procedures (Outcome of Interest):

ICD-9-CM Procedure Codes:

287 HEMORR CONTRL POST T & A
 3941 POSTOP VASC OP HEM CONTR
 3998 HEMORRHAGE CONTROL NOS
 4995 CONTROL ANAL HEMORRHAGE
 5793 CONTROL BLADD HEMORRHAGE
 6094 CONTROL POSTOP PROST HEM

Miscellaneous complications (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

56960 COLSTOMY/ENTER COMP NOS%
 56961 COLOSTY/ENTEROST INFECTN%
 56969 COLSTMY/ENTEROS COMP NEC%
 99589 ADVERSE EFFECT NEC
 9986 PERSIST POSTOP FISTULA
 9988 SURGICAL COMPLICAT NEC
 99881 SUBQ EMPHYSEMA FROM PROC!
 99882 CATARACT FRGMTS AFTER SURGERY!
 99883 NON-HEALING SURGCL WOUND#
 99889 OTHER COMPLIC NEC!
 9989 SURGICAL COMPLICAT NOS
 9991 AIR EMBOL COMP MED CARE
 9993 INFEC COMPL MED CARE NEC
 9998 TRANSFUSION REACTION NEC
 9999 COMPLIC MED CARE NEC/NOS

Iatrogenic complications (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

41511 IATROGEN PULM EMB/INFARC%
 4582 IATROGENIC HYPOTENSION%
 5121 IATROGENIC PNEUMOTHORAX!
 9970 SURG COMPLICATION-CNS
 99700 NERVOUS SYST COMPLC NOS%
 99701 SURG COMPLICATION - CNS%
 99702 IATROGEN CV INFARC/HMRHG%
 99709 SURG COMP NERV SYSTM NEC%
 9971 SURG COMPL-HEART
 9972 SURG COMP-PERI VASC SYST
 9973 SURG COMPLIC-RESPIR SYST
 9974 SURG COMPLIC-GI TRACT

Definitions of Outcomes of Interest and Populations at Risk

9974 SURG COMP-DIGESTV SYSTEM%
 9975 SURG COMPL-URINARY TRACT
 99760 AMPUTAT COMPLIC NOS
 9979 SURG COMPL-BODY SYST NEC
 99791 SURG COMP - HYPERTENSION%
 99799 SURG COMPL-BODY SYST NEC%

Complications related to medications or anesthesia (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

9954 SHOCK DUE TO ANESTHESIA
 99586 HYPERTHERM DUE TO ANESTH&

Sentinel events (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

9982 ACCIDENTAL OP LACERATION
 9983 POSTOP WOUND DISRUPTION
 9984 FB LEFT DURING PROCEDURE
 9987 POSTOP FORGN SUBST REACT
 9996 ABO INCOMPATIBILITY REAC
 9997 RH INCOMPATIBILITY REACT

Pulmonary compromise after major surgery

Pulmonary compromise (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

514 PULM CONGEST/HYPOSTASIS
 5184 ACUTE LUNG EDEMA NOS
 5185 POST TRAUM PULM INSUFFIC
 5186 ALRGC BRNCPUL ASPRGLOSIS@
 51881 RESPIRATORY FAILURE
 51882 OTHER PULMONARY INSUFF
 51884 AC AND CHR RESP FAILURE&

Major surgery (Population at Risk) (see page 50, 52)

Exclude MDC 4 (respiratory) and MDC 5 (cardiovascular) (Population at Risk)

Acute myocardial infarction after major surgery

Acute myocardial infarction (AMI) (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

4100 AMI ANTEROLATERAL
 41000 AMI ANTEROLATERAL,UNSPEC
 41001 AMI ANTEROLATERAL, INIT
 41002 AMI ANTEROLATERAL,SUBSEQ
 4101 AMI ANTERIOR WALL
 41010 AMI ANTERIOR WALL,UNSPEC
 41011 AMI ANTERIOR WALL, INIT
 41012 AMI ANTERIOR WALL,SUBSEQ
 4102 AMI INFEROLATERAL
 41020 AMI INFEROLATERAL,UNSPEC
 41021 AMI INFEROLATERAL, INIT
 41022 AMI INFEROLATERAL,SUBSEQ
 4103 AMI INFEROPOST
 41030 AMI INFEROPOST, UNSPEC
 41031 AMI INFEROPOST, INITIAL

41032 AMI INFEROPOST, SUBSEQ
 4104 AMI INFERIOR WALL
 41040 AMI INFERIOR WALL,UNSPEC
 41041 AMI INFERIOR WALL, INIT
 41042 AMI INFERIOR WALL,SUBSEQ
 4105 AMI LATERAL NEC
 41050 AMI LATERAL NEC, UNSPEC
 41051 AMI LATERAL NEC, INITIAL
 41052 AMI LATERAL NEC, SUBSEQ
 4106 AMI TRUE POST INFARCT
 41060 TRUE POST INFARCT,UNSPEC
 41061 TRUE POST INFARCT, INIT
 41062 TRUE POST INFARCT,SUBSEQ
 4107 AMI SUBENDO INFARCT
 41070 SUBENDO INFARCT, UNSPEC
 41071 SUBENDO INFARCT, INITIAL
 41072 SUBENDO INFARCT, SUBSEQ
 4108 AMI NEC
 41080 AMI NEC, UNSPECIFIED
 41081 AMI NEC, INITIAL
 41082 AMI NEC, SUBSEQUENT
 4109 AMI NOS
 41090 AMI NOS, UNSPECIFIED
 41091 AMI NOS, INITIAL
 41092 AMI NOS, SUBSEQUENT

Major surgery (Population at Risk) (see page 50, 52)

Exclude MDC 5 (cardiovascular) (Population at Risk)

Gastrointestinal hemorrhage or ulceration rate after major surgery

Gastrointestinal hemorrhage (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

53100 AC STOMACH ULCER W HEM
 53101 AC STOMAC ULC W HEM-OBST
 53110 AC STOMAC ULC W PERF
 53111 AC STOMAC ULC W PERF-OBS
 53120 AC STOMAC ULC W HEM/PERF
 53121 AC STOM ULC HEM/PERF-OBS
 53140 CHR STOMACH ULC W HEM
 53141 CHR STOM ULC W HEM-OBSTR
 53160 CHR STOMACH ULC HEM/PERF
 53161 CHR STOM ULC HEM/PERF-OB
 53200 AC DUODENAL ULCER W HEM
 53201 AC DUODEN ULC W HEM-OBST
 53210 AC DUODEN ULC W PERF
 53211 AC DUODEN ULC W PERF-OBS
 53220 AC DUODEN ULC W HEM/PERF
 53221 AC DUOD ULC HEM/PERF-OBS
 53240 CHR DUODEN ULCER W HEM
 53241 CHR DUODEN ULC HEM-OBSTR
 53260 CHR DUODEN ULC HEM/PERF
 53261 CHR DUOD ULC HEM/PERF-OB
 53300 AC PEPTIC ULCER W HEMORR
 53301 AC PEPTIC ULC W HEM-OBST
 53310 AC PEPTIC ULC W PERF
 53311 AC PEPTIC ULC W PERF-OBS
 53320 AC PEPTIC ULC W HEM/PERF
 53321 AC PEPT ULC HEM/PERF-OBS
 53340 CHR PEPTIC ULCER W HEM
 53341 CHR PEPTIC ULC W HEM-OBS
 53360 CHR PEPT ULC W HEM/PERF
 53361 CHR PEPT ULC HEM/PERF-OB
 53400 AC MARGINAL ULCER W HEM
 53401 AC MARGIN ULC W HEM-OBST
 53420 AC MARGIN ULC W HEM/PERF

Definitions of Outcomes of Interest and Populations at Risk

53421 AC MARG ULC HEM/PERF-OBS
 53440 CHR MARGINAL ULCER W HEM
 53441 CHR MARGIN ULC W HEM-OBS
 53460 CHR MARGIN ULC HEM/PERF
 53461 CHR MARG ULC HEM/PERF-OB
 5789 GASTROINTEST HEMORR NOS

Major surgery (Population at Risk) (see page 50, 52)

Exclude MDC 6 (gastrointestinal) and MDC 7 (hepatobiliary) (Population at Risk)

Venous thrombosis or pulmonary embolism after major surgery/invasive vascular procedure

Venous thrombosis and pulmonary embolism (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

4151 PULMON EMBOLISM/INFARCT
 41511 IATROGEN PULM EMB/INFARC%
 41519 PULM EMBOL/INFARCT NEC%
 45111 FEMORAL VEIN PHLEBITIS
 45119 DEEP PHLEBITIS-LEG NEC
 45181 ILIAC THROMBOPHLEBITIS
 4538 VENOUS THROMBOSIS NEC

Major surgery (Population at Risk) (see page 50, 52)
Invasive vascular procedures (Population at Risk) (see page 126)

Exclude deep venous thrombosis as principal diagnosis (Population at Risk):

ICD-9-CM Diagnosis Codes:

45111 FEMORAL VEIN PHLEBITIS
 45119 DEEP PHLEBITIS-LEG NEC
 4512 THROMBOPHLEBITIS LEG NOS
 45181 ILIAC THROMBOPHLEBITIS
 45183 THROMBOPHLEB DEEP UP EXT
 4538 VENOUS THROMBOSIS NEC

Mechanical complications due to device, implant, or graft (except organ transplant)

Mechanical complications due to device, implant, or graft, except organ transplant (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

41404 COR ATH ARTRY BYPAS GRFT#
 41405 COR ATH BYPASS GRAFT NOS#
 5190 TRACHEOSTOMY COMPLIC
 51900 TRACHEOST CX UNSPEC&
 51901 TRACHEOST INFECT&
 51902 TRACHEOST MECH CX&
 51909 TRACHEOST OTH CX&
 5364 GASTROST CX&
 53640 GASTROST CX UNSPEC&
 53641 GASTROST INFECT&
 53642 GASTROST, MECH CX&
 53649 GASTROST CX OTH&
 56962 MECH CX COLOST ENTEROST&
 99601 MALFUNC CARDIAC PACEMAKE
 99604 COMPLIC IMPLANT CARD DEFIB!

99630 MALFUNC GU DEV/GRAFT NOS
 99631 MALFUNC URETHRAL CATH
 99632 MALFUNCTION IUD
 99639 MALFUNC GU DEV/GRAFT NEC
 9964 MALF INT ORTHPED DEV/GRF
 99654 BREAST PROSTH MALFUNC
 99655 MECH CX ARTIF SKIN&
 99656 MECH CX PERITON DIALY&
 99659 MALFUNC OTH DEVICE/GRAFT
 9966 INFEC/INFLAM-DEVIC/GRAFT
 99660 REACTION-UNSP DEVIC/GRFT
 99661 REACT-CARDIAC DEV/GRAFT
 99662 REACT-OTH VASC DEV/GRAFT
 99663 REACT-NERV SYS DEV/GRAFT
 99664 REACT-INDWELL URIN CATH
 99665 REACT-OTH GENITOURIN DEV
 99666 REACT-INTER JOINT PROST
 99667 REACT-OTH INT ORTHO DEV
 99668 INFECT PERITON DIAL CATH&
 99669 REACT-INT PROS DEVIC NEC
 9967 COMPLIC DEVICE/GRAFT NEC
 99670 COMP-UNSP DEVICE/GRAFT
 99671 COMP-HEART VALVE PROSTH
 99672 COMP-OTH CARDIAC DEVICE
 99673 COMP-REN DIALYS DEV/GRFT
 99674 COMP-OTH VASC DEV/GRAFT
 99675 COMP-NERV SYS DEV/GRAFT
 99676 COMP-GENITOURIN DEV/GRFT
 99677 COMP-INTERNAL JOINT PROS
 99678 COMP-OTH INT ORTHO DEVIC
 99679 COMP-INT PROST DEVIC NEC

Major surgery (Population at Risk) (see page 50, 52)

Urinary tract infection after major surgery

Urinary tract infection (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

5990 URINARY TRACT INFECTION NEC

Major surgery (Population at Risk) (see page 50, 52)

Exclude MDC 11 (renal), MDC 12 (male genital), and MDC 13 (female genital) (Population at Risk)

Pneumonia after major surgery/invasive vascular procedure

Pneumonia (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

481 PNEUMOCOCCAL PNEUMONIA
 4820 K. PNEUMONIAE PNEUMONIA
 4821 PSEUDOMONAL PNEUMONIA
 4822 H.INFLUENZAE PNEUMONIA
 4823 STREPTOCOCCAL PNEUMONIA
 48230 STREPT PNEUMONIA UNSPEC
 48231 STREPT PNEUMONIA GRP A
 48232 STREPT PNEUMONIA GRP B
 48239 STREPT PNEUMONIA OTHER
 4824 STAPHYLOCOCCAL PNEUMONIA
 48240 PNEUM STAPH UNSPEC&
 48241 PNEUM STAPH AUREUS&
 48249 PNEUM STAPH OTH&
 4828 BACTERIAL PNEUMONIA NEC

Definitions of Outcomes of Interest and Populations at Risk

1589	MAL NEO PERITONEUM NOS	1733	MAL NEO SKIN FACE NEC
1590	MALIG NEO INTESTINE NOS	1734	MAL NEO SCALP/SKIN NECK
1591	MALIGNANT NEO SPLEEN NEC	1735	MALIG NEO SKIN TRUNK
1598	MAL NEO GI/INTRA-ABD NEC	1736	MALIG NEO SKIN ARM
1599	MAL NEO GI TRACT ILL-DEF	1737	MALIG NEO SKIN LEG
1600	MAL NEO NASAL CAVITIES	1738	MALIG NEO SKIN NEC
1601	MALIG NEO MIDDLE EAR	1739	MALIG NEO SKIN NOS
1602	MAL NEO MAXILLARY SINUS	1740	MALIG NEO NIPPLE
1603	MAL NEO ETHMOIDAL SINUS	1741	MAL NEO BREAST-CENTRAL
1604	MALIG NEO FRONTAL SINUS	1742	MAL NEO BREAST UP-INNER
1605	MAL NEO SPHENOID SINUS	1743	MAL NEO BREAST LOW-INNER
1608	MAL NEO ACCESS SINUS NEC	1744	MAL NEO BREAST UP-OUTER
1609	MAL NEO ACCESS SINUS NOS	1745	MAL NEO BREAST LOW-OUTER
1610	MALIGNANT NEO GLOTTIS	1746	MAL NEO BREAST-AXILLARY
1611	MALIG NEO SUPRAGLOTTIS	1748	MALIGN NEOPL BREAST NEC
1612	MALIG NEO SUBGLOTTIS	1749	MALIGN NEOPL BREAST NOS
1613	MAL NEO CARTILAGE LARYNX	1750	MAL NEO MALE NIPPLE
1618	MALIGNANT NEO LARYNX NEC	1759	MAL NEO MALE BREAST NEC
1619	MALIGNANT NEO LARYNX NOS	1760	SKIN - KAPOS'I'S SARCOMA
1620	MALIGNANT NEO TRACHEA	1761	SFT TISUE - KPSI'S SRCMA
1622	MALIG NEO MAIN BRONCHUS	1762	PALATE - KPSI'S SARCOMA
1623	MAL NEO UPPER LOBE LUNG	1763	GI SITES - KPSI'S SRCOMA
1624	MAL NEO MIDDLE LOBE LUNG	1764	LUNG - KAPOS'I'S SARCOMA
1625	MAL NEO LOWER LOBE LUNG	1765	LYM NDS - KPSI'S SARCOMA
1628	MAL NEO BRONCH/LUNG NEC	1768	SPF STS - KPSI'S SARCOMA
1629	MAL NEO BRONCH/LUNG NOS	1769	KAPOS'I'S SARCOMA NOS
1630	MAL NEO PARIETAL PLEURA	179	MALIG NEOPL UTERUS NOS
1631	MAL NEO VISCERAL PLEURA	1800	MALIG NEO ENDOCERVIX
1638	MALIG NEOPL PLEURA NEC	1801	MALIG NEO EXOCERVIX
1639	MALIG NEOPL PLEURA NOS	1808	MALIG NEO CERVIX NEC
1640	MALIGNANT NEOPL THYMUS	1809	MAL NEO CERVIX UTERI NOS
1641	MALIGNANT NEOPL HEART	181	MALIGNANT NEOPL PLACENTA
1642	MAL NEO ANT MEDIASTINUM	1820	MALIG NEO CORPUS UTERI
1643	MAL NEO POST MEDIASTINUM	1821	MAL NEO UTERINE ISTHMUS
1648	MAL NEO MEDIASTINUM NEC	1828	MAL NEO BODY UTERUS NEC
1649	MAL NEO MEDIASTINUM NOS	1830	MALIGN NEOPL OVARY
1650	MAL NEO UPPER RESP NOS	1832	MAL NEO FALLOPIAN TUBE
1658	MAL NEO THORAX/RESP NEC	1833	MAL NEO BROAD LIGAMENT
1659	MAL NEO RESP SYSTEM NOS	1834	MALIG NEO PARAMETRIUM
1700	MAL NEO SKULL/FACE BONE	1835	MAL NEO ROUND LIGAMENT
1701	MALIGNANT NEO MANDIBLE	1838	MAL NEO ADNEXA NEC
1702	MALIG NEO VERTEBRAE	1839	MAL NEO ADNEXA NOS
1703	MAL NEO RIBS/STERN/CLAV	1840	MALIGN NEOPL VAGINA
1704	MAL NEO LONG BONES ARM	1841	MAL NEO LABIA MAJORA
1705	MAL NEO BONES WRIST/HAND	1842	MAL NEO LABIA MINORA
1706	MAL NEO PELVIC GIRDLE	1843	MALIGN NEOPL CLITORIS
1707	MAL NEO LONG BONES LEG	1844	MALIGN NEOPL VULVA NOS
1708	MAL NEO BONES ANKLE/FOOT	1848	MAL NEO FEMALE GENIT NEC
1709	MALIG NEOPL BONE NOS	1849	MAL NEO FEMALE GENIT NOS
1710	MAL NEO SOFT TISSUE HEAD	185	MALIGN NEOPL PROSTATE
1712	MAL NEO SOFT TISSUE ARM	1860	MAL NEO UNDESCEND TESTIS
1713	MAL NEO SOFT TISSUE LEG	1869	MALIG NEO TESTIS NEC
1714	MAL NEO SOFT TIS THORAX	1871	MALIGN NEOPL PREPUCE
1715	MAL NEO SOFT TIS ABDOMEN	1872	MALIG NEO GLANS PENIS
1716	MAL NEO SOFT TIS PELVIS	1873	MALIG NEO PENIS BODY
1717	MAL NEOPL TRUNK NOS	1874	MALIG NEO PENIS NOS
1718	MAL NEO SOFT TISSUE NEC	1875	MALIG NEO EPIDIDYMIS
1719	MAL NEO SOFT TISSUE NOS	1876	MAL NEO SPERMATIC CORD
1720	MALIG MELANOMA LIP	1877	MALIGN NEOPL SCROTUM
1721	MALIG MELANOMA EYELID	1878	MAL NEO MALE GENITAL NEC
1722	MALIG MELANOMA EAR	1879	MAL NEO MALE GENITAL NOS
1723	MAL MELANOM FACE NEC/NOS	1880	MAL NEO BLADDER-TRIGONE
1724	MAL MELANOMA SCALP/NECK	1881	MAL NEO BLADDER-DOME
1725	MALIG MELANOMA TRUNK	1882	MAL NEO BLADDER-LATERAL
1726	MALIG MELANOMA ARM	1883	MAL NEO BLADDER-ANTERIOR
1727	MALIG MELANOMA LEG	1884	MAL NEO BLADDER-POST
1728	MALIG MELANOMA SKIN NEC	1885	MAL NEO BLADDER NECK
1729	MALIG MELANOMA SKIN NOS	1886	MAL NEO URETERIC ORIFICE
1730	MALIG NEO SKIN LIP	1887	MALIG NEO URACHUS
1731	MALIG NEO SKIN EYELID	1888	MALIG NEO BLADDER NEC
1732	MALIG NEO SKIN EAR	1889	MALIG NEO BLADDER NOS

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1890	MALIG NEOPL KIDNEY	1985	SECONDARY MALIG NEO BONE
1891	MALIG NEO RENAL PELVIS	1986	SECOND MALIG NEO OVARY
1892	MALIGN NEOPL URETER	1987	SECOND MALIG NEO ADRENAL
1893	MALIGN NEOPL URETHRA	19881	SECOND MALIG NEO BREAST
1894	MAL NEO PARAURETHRAL	19882	SECOND MALIG NEO GENITAL
1898	MAL NEO URINARY NEC	19889	SECONDARY MALIG NEO NEC
1899	MAL NEO URINARY NOS	1990	MALIG NEO DISSEMINATED
1900	MALIGN NEOPL EYEBALL	1991	MALIGNANT NEOPLASM NOS
1901	MALIGN NEOPL ORBIT	20000	RETICULOSARCOMA UNSPEC
1902	MAL NEO LACRIMAL GLAND	20001	RETICULOSARCOMA HEAD
1903	MAL NEO CONJUNCTIVA	20002	RETICULOSARCOMA THORAX
1904	MALIGN NEOPL CORNEA	20003	RETICULOSARCOMA ABDOM
1905	MALIGN NEOPL RETINA	20004	RETICULOSARCOMA AXILLA
1906	MALIGN NEOPL CHOROID	20005	RETICULOSARCOMA INGUIN
1907	MAL NEO LACRIMAL DUCT	20006	RETICULOSARCOMA PELVIC
1908	MALIGN NEOPL EYE NEC	20007	RETICULOSARCOMA SPLEEN
1909	MALIGN NEOPL EYE NOS	20008	RETICULOSARCOMA MULT
1910	MALIGN NEOPL CEREBRUM	20010	LYMPHOSARCOMA UNSPEC
1911	MALIG NEO FRONTAL LOBE	20011	LYMPHOSARCOMA HEAD
1912	MAL NEO TEMPORAL LOBE	20012	LYMPHOSARCOMA THORAX
1913	MAL NEO PARIETAL LOBE	20013	LYMPHOSARCOMA ABDOM
1914	MAL NEO OCCIPITAL LOBE	20014	LYMPHOSARCOMA AXILLA
1915	MAL NEO CEREB VENTRICLE	20015	LYMPHOSARCOMA INGUIN
1916	MAL NEO CEREBELLUM NOS	20016	LYMPHOSARCOMA PELVIC
1917	MAL NEO BRAIN STEM	20017	LYMPHOSARCOMA SPLEEN
1918	MALIG NEO BRAIN NEC	20018	LYMPHOSARCOMA MULT
1919	MALIG NEO BRAIN NOS	20020	BURKITT'S TUMOR UNSPEC
1920	MAL NEO CRANIAL NERVES	20021	BURKITT'S TUMOR HEAD
1921	MAL NEO CEREBRAL MENING	20022	BURKITT'S TUMOR THORAX
1922	MAL NEO SPINAL CORD	20023	BURKITT'S TUMOR ABDOM
1923	MAL NEO SPINAL MENINGES	20024	BURKITT'S TUMOR AXILLA
1928	MAL NEO NERVOUS SYST NEC	20025	BURKITT'S TUMOR INGUIN
1929	MAL NEO NERVOUS SYST NOS	20026	BURKITT'S TUMOR PELVIC
193	MALIGN NEOPL THYROID	20027	BURKITT'S TUMOR SPLEEN
1940	MALIGN NEOPL ADRENAL	20028	BURKITT'S TUMOR MULT
1941	MALIG NEO PARATHYROID	20080	MIXED LYMPHOSARC UNSPEC
1943	MALIG NEO PITUITARY	20081	MIXED LYMPHOSARC HEAD
1944	MALIGN NEO PINEAL GLAND	20082	MIXED LYMPHOSARC THORAX
1945	MAL NEO CAROTID BODY	20083	MIXED LYMPHOSARC ABDOM
1946	MAL NEO PARAGANGLIA NEC	20084	MIXED LYMPHOSARC AXILLA
1948	MAL NEO ENDOCRINE NEC	20085	MIXED LYMPHOSARC INGUIN
1949	MAL NEO ENDOCRINE NOS	20086	MIXED LYMPHOSARC PELVIC
1950	MAL NEO HEAD/FACE/NECK	20087	MIXED LYMPHOSARC SPLEEN
1951	MALIGN NEOPL THORAX	20088	MIXED LYMPHOSARC MULT
1952	MALIG NEO ABDOMEN	20100	HODGKINS PARAGRAN UNSPEC
1953	MALIGN NEOPL PELVIS	20101	HODGKINS PARAGRAN HEAD
1954	MALIGN NEOPL ARM	20102	HODGKINS PARAGRAN THORAX
1955	MALIGN NEOPL LEG	20103	HODGKINS PARAGRAN ABDOM
1958	MALIG NEO SITE NEC	20104	HODGKINS PARAGRAN AXILLA
1960	MAL NEO LYMPH-HEAD/NECK	20105	HODGKINS PARAGRAN INGUIN
1961	MAL NEO LYMPH-INTRATHOR	20106	HODGKINS PARAGRAN PELVIC
1962	MAL NEO LYMPH INTRA-ABD	20107	HODGKINS PARAGRAN SPLEEN
1963	MAL NEO LYMPH-AXILLA/ARM	20108	HODGKINS PARAGRAN MULT
1965	MAL NEO LYMPH-INGUIN/LEG	20110	HODGKINS GRANULOM UNSPEC
1966	MAL NEO LYMPH-INTRAPELV	20111	HODGKINS GRANULOM HEAD
1968	MAL NEO LYMPH NODE-MULT	20112	HODGKINS GRANULOM THORAX
1969	MAL NEO LYMPH NODE NOS	20113	HODGKINS GRANULOM ABDOM
1970	SECONDARY MALIG NEO LUNG	20114	HODGKINS GRANULOM AXILLA
1971	SEC MAL NEO MEDIASTINUM	20115	HODGKINS GRANULOM INGUIN
1972	SECOND MALIG NEO PLEURA	20116	HODGKINS GRANULOM PELVIC
1973	SEC MALIG NEO RESP NEC	20117	HODGKINS GRANULOM SPLEEN
1974	SEC MALIG NEO SM BOWEL	20118	HODGKINS GRANULOM MULT
1975	SEC MALIG NEO LG BOWEL	20120	HODGKINS SARCOMA UNSPEC
1976	SEC MAL NEO PERITONEUM	20121	HODGKINS SARCOMA HEAD
1977	SECOND MALIG NEO LIVER	20122	HODGKINS SARCOMA THORAX
1978	SEC MAL NEO GI NEC	20123	HODGKINS SARCOMA ABDOM
1980	SECOND MALIG NEO KIDNEY	20124	HODGKINS SARCOMA AXILLA
1981	SEC MALIG NEO URIN NEC	20125	HODGKINS SARCOMA INGUIN
1982	SECONDARY MALIG NEO SKIN	20126	HODGKINS SARCOMA PELVIC
1983	SEC MAL NEO BRAIN/SPINE	20127	HODGKINS SARCOMA SPLEEN
1984	SEC MALIG NEO NERVE NEC	20128	HODGKINS SARCOMA MULT

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20140	HODG LYMPH-HISTIO UNSPEC	20228	SEZARY'S DISEASE MULT
20141	HODG LYMPH-HISTIO HEAD	20230	MAL HISTIOCYTOSIS UNSPEC
20142	HODG LYMPH-HISTIO THORAX	20231	MAL HISTIOCYTOSIS HEAD
20143	HODG LYMPH-HISTIO ABDOM	20232	MAL HISTIOCYTOSIS THORAX
20144	HODG LYMPH-HISTIO AXILLA	20233	MAL HISTIOCYTOSIS ABDOM
20145	HODG LYMPH-HISTIO INGUIN	20234	MAL HISTIOCYTOSIS AXILLA
20146	HODG LYMPH-HISTIO PELVIC	20235	MAL HISTIOCYTOSIS INGUIN
20147	HODG LYMPH-HISTIO SPLEEN	20236	MAL HISTIOCYTOSIS PELVIC
20148	HODG LYMPH-HISTIO MULT	20237	MAL HISTIOCYTOSIS SPLEEN
20150	HODG NODUL SCLERO UNSPEC	20238	MAL HISTIOCYTOSIS MULT
20151	HODG NODUL SCLERO HEAD	20240	HAIRY-CELL LEUKEM UNSPEC
20152	HODG NODUL SCLERO THORAX	20241	HAIRY-CELL LEUKEM HEAD
20153	HODG NODUL SCLERO ABDOM	20242	HAIRY-CELL LEUKEM THORAX
20154	HODG NODUL SCLERO AXILLA	20243	HAIRY-CELL LEUKEM ABDOM
20155	HODG NODUL SCLERO INGUIN	20244	HAIRY-CELL LEUKEM AXILLA
20156	HODG NODUL SCLERO PELVIC	20245	HAIRY-CELL LEUKEM INGUIN
20157	HODG NODUL SCLERO SPLEEN	20246	HAIRY-CELL LEUKEM PELVIC
20158	HODG NODUL SCLERO MULT	20247	HAIRY-CELL LEUKEM SPLEEN
20160	HODGKINS MIX CELL UNSPEC	20248	HAIRY-CELL LEUKEM MULT
20161	HODGKINS MIX CELL HEAD	20250	LETTERER-SIWE DIS UNSPEC
20162	HODGKINS MIX CELL THORAX	20251	LETTERER-SIWE DIS HEAD
20163	HODGKINS MIX CELL ABDOM	20252	LETTERER-SIWE DIS THORAX
20164	HODGKINS MIX CELL AXILLA	20253	LETTERER-SIWE DIS ABDOM
20165	HODGKINS MIX CELL INGUIN	20254	LETTERER-SIWE DIS AXILLA
20166	HODGKINS MIX CELL PELVIC	20255	LETTERER-SIWE DIS INGUIN
20167	HODGKINS MIX CELL SPLEEN	20256	LETTERER-SIWE DIS PELVIC
20168	HODGKINS MIX CELL MULT	20257	LETTERER-SIWE DIS SPLEEN
20170	HODG LYMPH DEPLET UNSPEC	20258	LETTERER-SIWE DIS MULT
20171	HODG LYMPH DEPLET HEAD	20260	MAL MASTOCYTOSIS UNSPEC
20172	HODG LYMPH DEPLET THORAX	20261	MAL MASTOCYTOSIS HEAD
20173	HODG LYMPH DEPLET ABDOM	20262	MAL MASTOCYTOSIS THORAX
20174	HODG LYMPH DEPLET AXILLA	20263	MAL MASTOCYTOSIS ABDOM
20175	HODG LYMPH DEPLET INGUIN	20264	MAL MASTOCYTOSIS AXILLA
20176	HODG LYMPH DEPLET PELVIC	20265	MAL MASTOCYTOSIS INGUIN
20177	HODG LYMPH DEPLET SPLEEN	20266	MAL MASTOCYTOSIS PELVIC
20178	HODG LYMPH DEPLET MULT	20267	MAL MASTOCYTOSIS SPLEEN
20190	HODGKINS DIS NOS UNSPEC	20268	MAL MASTOCYTOSIS MULT
20191	HODGKINS DIS NOS HEAD	20280	LYMPHOMA NEC UNSPEC SITE
20192	HODGKINS DIS NOS THORAX	20281	LYMPHOMAS NEC HEAD
20193	HODGKINS DIS NOS ABDOM	20282	LYMPHOMAS NEC THORAX
20194	HODGKINS DIS NOS AXILLA	20283	LYMPHOMAS NEC ABDOM
20195	HODGKINS DIS NOS INGUIN	20284	LYMPHOMAS NEC AXILLA
20196	HODGKINS DIS NOS PELVIC	20285	LYMPHOMAS NEC INGUIN
20197	HODGKINS DIS NOS SPLEEN	20286	LYMPHOMAS NEC PELVIC
20198	HODGKINS DIS NOS MULT	20287	LYMPHOMAS NEC SPLEEN
20200	NODULAR LYMPHOMA UNSPEC	20288	LYMPHOMAS NEC MULT
20201	NODULAR LYMPHOMA HEAD	20290	LYMPHOID MAL NEC UNSPEC
20202	NODULAR LYMPHOMA THORAX	20291	LYMPHOID MAL NEC HEAD
20203	NODULAR LYMPHOMA ABDOM	20292	LYMPHOID MAL NEC THORAX
20204	NODULAR LYMPHOMA AXILLA	20293	LYMPHOID MAL NEC ABDOM
20205	NODULAR LYMPHOMA INGUIN	20294	LYMPHOID MAL NEC AXILLA
20206	NODULAR LYMPHOMA PELVIC	20295	LYMPHOID MAL NEC INGUIN
20207	NODULAR LYMPHOMA SPLEEN	20296	LYMPHOID MAL NEC PELVIC
20208	NODULAR LYMPHOMA MULT	20297	LYMPHOID MAL NEC SPLEEN
20210	MYCOSIS FUNGOIDES UNSPEC	20298	LYMPHOID MAL NEC MULT
20211	MYCOSIS FUNGOIDES HEAD	2030	MULTIPLE MYELOMA
20212	MYCOSIS FUNGOIDES THORAX	20300	MULT MYELOMA W/O REMIS
20213	MYCOSIS FUNGOIDES ABDOM	20301	MULT MYELOMA W/ REMIS
20214	MYCOSIS FUNGOIDES AXILLA	2031	PLASMA CELL LEUKEMIA
20215	MYCOSIS FUNGOIDES INGUIN	20310	PLASMA CELL LEUK W/O REMIS
20216	MYCOSIS FUNGOIDES PELVIC	20311	PLASMA CELL LEUK W/ REMIS
20217	MYCOSIS FUNGOIDES SPLEEN	2038	IMMUNOPROLIFERAT NEO NEC
20218	MYCOSIS FUNGOIDES MULT	20380	IMMUNOPROLIF NEO NEC W/O REMIS
20220	SEZARY'S DISEASE UNSPEC	20381	IMMUNOPROLIF NEO NEC W/ REMIS
20221	SEZARY'S DISEASE HEAD	2040	ACUTE LYMPHOID LEUKEMIA
20222	SEZARY'S DISEASE THORAX	20400	ACUTE LYMPHOID LEUK W/O REMIS
20223	SEZARY'S DISEASE ABDOM	20401	ACUTE LYMPHOID LEUK W/ REMIS
20224	SEZARY'S DISEASE AXILLA	2041	CHR LYMPHOID LEUKEMIA
20225	SEZARY'S DISEASE INGUIN	20410	CHR LYMPHOID LEUK W/O REMIS
20226	SEZARY'S DISEASE PELVIC	20411	CHR LYMPHOID LEUK W/ REMIS
20227	SEZARY'S DISEASE SPLEEN	2042	SUBAC LYMPHOID LEUKEMIA

Definitions of Outcomes of Interest and Populations at Risk

20420	SUBAC LYMPHOID LEUK W/O REMIS	Exclude compromised immune status and AIDS (Population at Risk):	
20421	SUBAC LYMPHOID LEUK W/ REMIS		
2048	LYMPHOID LEUKEMIA NEC	DRGs:	
20480	LYMPHOID LEUK NEC W/O REMIS		
20481	LYMPHOID LEUK NEC W/ REMIS	488	HIV W EXTENSIVE O.R. PROCEDURE
2049	LYMPHOID LEUKEMIA NOS	489	HIV W MAJOR RELATED CONDITION
20490	LYMPHOID LEUK NOS W/O REMIS	490	HIV W OR W/O OTHER RELATED CONDITION
20491	LYMPHOID LEUK NOS W/ REMIS		
2050	ACUTE MYELOID LEUKEMIA		
20500	ACUTE MYELOID LEUK W/O REMIS		
20501	ACUTE MYELOID LEUK W/ REMIS		
2051	CHRONIC MYELOID LEUKEMIA		
20510	CHR MYELOID LEUK W/O REMIS	ICD-9-CM Diagnosis Codes:	
20511	CHR MYELOID LEUK W/ REMIS	042	HIV DISEASE!
2052	SUBACUT MYELOID LEUKEMIA	0420	HIV W/SPECIF INFECTIONS
20520	SUBACUT MYELOID LEUK W/O REMIS	0421	HIV CAUS OTH SPEC INFECT
20521	SUBACUT MYELOID LEUK W/ REMIS	0422	HIV W/SPEC MALIG NEOPLSM
2053	MYELOID SARCOMA	0429	AIDS, UNSPECIFIED
20530	MYELOID SARCOMA W/O REMIS	0430	HIV CAUS LYMPHADENOPATHY
20531	MYELOID SARCOMA W/ REMIS	0431	HIV CAUS SP CNS DISEASE
2058	MYELOID LEUKEMIA NEC	0432	HIV CAUS OT DISOR IMMUNE
20580	MYELOID LEUK NEC W/O REMIS	0433	HIV CAUS OTH SPECIF COND
20581	MYELOID LEUK NEC W/ REMIS	0440	HIV CAUS ACUTE INFECTION
2059	MYELOID LEUKEMIA NOS	07953	HIV TYPE 2!
20590	MYELOID LEUK NOS W/O REMIS	1363	PNEUMOCYSTOSIS
20591	MYELOID LEUK NOS W/ REMIS	27900	HYPOGAMMAGLOBULINEM NOS
2060	ACUTE MONOCYTIC LEUKEMIA	27901	SELECTIVE IGA IMMUNODEF
20600	ACUTE MONOCYTIC LEUK W/O REMIS	27902	SELECTIVE IGM IMMUNODEF
20601	ACUTE MONOCYTIC LEUK W/ REMIS	27903	SELECTIVE IG DEFIC NEC
2061	CHR MONOCYTIC LEUKEMIA	27904	CONG HYPOGAMMAGLOBULINEM
20610	CHR MONOCYTIC LEUK W/O REMIS	27905	IMMUNODEFIC W HYPER-IGM
20611	CHR MONOCYTIC LEUK W/ REMIS	27906	COMMON VARIABL IMMUNODEF
2062	SUBAC MONOCYTIC LEUKEMIA	27909	HUMORAL IMMUNITY DEF NEC
20620	SUBAC MONOCYTIC LEUK W/O REMIS	27910	IMMUNDEF T-CELL DEF NOS
20621	SUBAC MONOCYTIC LEUK W/ REMIS	27911	DIGEORGE'S SYNDROME
2068	MONOCYTIC LEUKEMIA NEC	27912	WISKOTT-ALDRICH SYNDROME
20680	MONOCYTIC LEUK NEC W/O REMIS	27913	NEZELOF'S SYNDROME
20681	MONOCYTIC LEUK NEC W/ REMIS	27919	DEFIC CELL IMMUNITY NOS
2069	MONOCYTIC LEUKEMIA NOS	2792	COMBINED IMMUNITY DEFIC
20690	MONOCYTIC LEUK NOS W/O REMIS	2793	IMMUNITY DEFICIENCY NOS
20691	MONOCYTIC LEUK NOS W/ REMIS	2794	AUTOIMMUNE DISEASE NEC
2070	ACUTE ERYTHREMIA	2798	IMMUNE MECHANISM DIS NEC
20700	ACUTE ERYTHREMIA W/O REMIS	2799	IMMUNE MECHANISM DIS NOS
20701	ACUTE ERYTHREMIA W/ REMIS	7958	POSITIVE SERO/VIRAL HIV
2071	CHRONIC ERYTHREMIA	9968	COMP ORGAN TRANSPLNT
20710	CHR ERYTHREMIA W/O REMIS	99680	COMP ORGAN TRANSPLNT NOS
20711	CHR ERYTHREMIA W/ REMIS	99681	COMPL KIDNEY TRANSPLANT
2072	MEGAKARYOCYTIC LEUKEMIA	99682	COMPL LIVER TRANSPLANT
20720	MEGAKARYOCYTIC LEUK W/O REMIS	99683	COMPL HEART TRANSPLANT
20721	MEGAKARYOCYTIC LEUK W/ REMIS	99684	COMPL LUNG TRANSPLANT
2078	SPECIFIED LEUKEMIA NEC	99685	COMPL MARROW TRANSPLANT
20780	SPECIFIED LEUK NEC W/O REMIS	99686	COMPL PANCREAS TRANSPLNT
20781	SPECIFIED LEUK NEC W/ REMIS	99689	COMP OTH ORGAN TRANSPLNT
2080	ACUTE LEUKEMIA NOS	V420	KIDNEY TRANSPLANT STATUS
20800	ACUTE LEUK NOS W/O REMIS	V421	HEART TRANSPLANT STATUS
20801	ACUTE LEUK NOS W/ REMIS	V422	HEART VALVE TRANSPLANT
2081	CHRONIC LEUKEMIA NOS	V423	SKIN TRANSPLANT STATUS
20810	CHR LEUK NOS W/O REMIS	V424	BONE TRANSPLANT STATUS
20811	CHR LEUK NOS W/ REMIS	V425	CORNEA TRANSPLANT STATUS
2082	SUBACUTE LEUKEMIA NOS	V426	LUNG TRANSPLANT STATUS
20820	SUBACUTE LEUK NOS W/O REMIS	V427	LIVER TRANSPLANT STATUS
20821	SUBACUTE LEUK NOS W/ REMIS	V428	TRANSPLANT STATUS NEC
2088	LEUKEMIA-UNSPEC CELL NEC	V4281	ORGAN TRANSP BONE MARROW@
20880	LEUK-UNSPEC CELL NEC W/O REMIS	V4282	ORGAN TRANSP PERIPH STM CELL@
20881	LEUK-UNSPEC CELL NEC W/ REMIS	V4283	ORGAN TRANSP PANCREAS@
2089	LEUKEMIA-UNSPEC CELL NOS	V4289	OTH ORGAN TRANSP NEC@
20890	LEUK-UNSPEC CELL NOS W/O REMIS	V429	TRANSPLANT STATUS NOS
20891	LEUK-UNSPEC CELL NOS W/ REMIS		
		ICD-9-CM Procedure Codes:	
		335	LUNG TRANSPLANT
		3350	LUNG TRANSPLANT NOS%

Definitions of Outcomes of Interest and Populations at Risk

3351 UNILAT LUNG TRANSPLANT%
 3352 BILAT LUNG TRANSPLANT%
 362 ARTERIAL IMPLANT REVASC
 375 HEART TRANSPLANTATION
 410 BONE MARROW TRNSPLNT
 4100 BONE MARROW TRNSPLNT NOS
 4101 AUT BONE MARROW TRNSPLNT
 4102 ALO BONE MARROW TRNSPLNT
 4103 ALLOGRFT BONE MARROW NOS
 4104 AUTOL HEMATOPO STEM CELL
 TRANSPLNT!
 4105 ALLO HEM STEM CELL TRANS@
 4106 CORD BLD STEM CELL TRANS@
 4194 SPLEEN TRANSPLANTATION
 5051 AUXILIARY LIVER TRANSPL
 5059 LIVER TRANSPLANT NEC
 5280 PANCREAT TRANSPLANT NOS
 5281 REIMPLANT PANCREATIC TIS
 5282 PANCREATIC HOMOTRANSPLAN
 5283 PANCREATIC HETEROTRANSPL
 5284 AUTOTRNSPLNT ISLETS LANG#
 5285 ALLOTRNSPLNT ISLETS LANG#
 5286 TRNSPLNT ISLETS LANG NOS#
 5553 REJECTED KIDNEY NEPHRECT
 5561 RENAL AUTOTRANSPLANT
 5569 KIDNEY TRANSPLANT NEC
 7800 BONE GRAFT NOS
 7801 BONE GRAFT TO CHEST CAGE
 7802 BONE GRAFT TO HUMERUS
 7803 BONE GRAFT-RADIUS/ULNA
 7804 BONE GRFT TO METACAR/CAR
 7805 BONE GRAFT TO FEMUR
 7806 BONE GRAFT TO PATELLA
 7807 BONE GRAFT-TIBIA/FIBULA
 7808 BONE GRAFT-METATAR/TAR
 7809 BONE GRAFT NEC

Cesarean section delivery

Cesarean section deliveries (Outcome of Interest):

DRGs:

370 Cesarean section w/CC
 371 Cesarean section w/o CC

All deliveries (Population at Risk):

DRGs:

370 CESAREAN SECTION W CC
 371 CESAREAN SECTION W/O CC
 372 VAGINAL DELIVERY W COMPL
 373 VAG DELIVERY W/O COMPL
 374 VAG DELIV W STERIL OR DC
 375 VAG DELIV W OTH OR PROC

Successful vaginal birth after cesarean section (VBAC)

Vaginal deliveries (Outcome of Interest):

DRGs:

372 VAGINAL DELIVERY W/ CC
 373 VAGINAL DELIVERY W/O CC
 374 VAGINAL DELIVERY W/ STERILIZATION
 OR D&C

375 VAGINAL DELIVERY W/ OTHER O.R.
 PROCEDURE

All deliveries (Population at Risk):

DRGs:

370 CESAREAN SECTION W CC
 371 CESAREAN SECTION W/O CC
 372 VAGINAL DELIVERY W COMPL
 373 VAG DELIVERY W/O COMPL
 374 VAG DELIV W STERIL OR DC
 375 VAG DELIV W OTH OR PROC

Previous C-section (Population at Risk):

ICD-9-CM Diagnosis Codes:

65420 PREV C-SECT NOS-UNSPEC
 65421 PREV C-SECT NOS-DELIVER
 65423 PREV C-SECT NOS-ANTEPART

Incidental appendectomy among elderly

Incidental appendectomy (Outcome of Interest):

ICD-9-CM Procedure Code:

471 INCIDENTAL APPEDECTOMY
 4711 LAP INCID APPEDECTOMY#
 4719 OTHER INCID APPEDECTOMY#

Intra-abdominal procedure (Population at Risk):

DRGs:

146 RECTAL RESECTION W CC
 147 RECTAL RESECTION W/O CC
 148 MAJ BOWEL PROC W CC
 149 MAJ BOWEL PROC W/O CC
 150 PERITONEAL ADHES W CC
 151 PERITONEAL ADHES W/O CC
 152 MIN BOWEL PROC W CC
 153 MIN BOWEL PROC W/O CC
 154 UGI PROC AGE >17 W/ CC
 155 UGI PROC AGE >17 W/O CC
 170 OTH GI OR PROC W CC
 171 OTH GI OR PROC W/O CC
 191 PANC LVR SHNT PRC W CC
 192 PANC LVR SHNT PRC W/O CC
 193 BILIARY PROC W/ CC
 194 BILIARY PROC W/O CC
 195 CHOLE W/ CDE W/ CC
 196 CHOLE W/ CDE W/O CC
 197 CHOLE W/ CC
 198 CHOLE W/O CC
 201 OTH BILIARY/PANC PROC
 354 UTER PROC MALIG W/ CC
 355 UTER PROC MALIG W/O CC
 356 FEMALE REPROD RECONSTR
 357 UTER PROC OVARIAN MALIG
 358 UTER PROC NONMALIG W/ CC
 359 UTER PROC NONMALI W/O CC
 365 OTH FEMAL REPROD PROC

Definitions of Outcomes of Interest and Populations at Risk

Hysterectomy

Hysterectomy (Outcome of Interest):

ICD-9-CM Procedure Codes:

683	SUBTOT ABD HYSTERECTOMY
684	TOTAL ABD HYSTERECTOMY
685	VAGINAL HYSTERECTOMY
6851	LAP AST VAG HYSTERECTOMY#
6859	OTHER VAG HYSTERECTOMY#
686	RADICAL ABD HYSTERECTOMY
687	RADICAL VAG HYSTERECTOMY

Exclude female genital cancer (Population at Risk):

ICD-9-CM Diagnosis Codes:

179	MALIG NEOPL UTERUS NOS
1800	MALIG NEO ENDOCERVIX
1801	MALIG NEO EXOCERVIX
1808	MALIG NEO CERVIX NEC
1809	MAL NEO CERVIX UTERI NOS
181	MALIGNANT NEOPL PLACENTA
1820	MALIG NEO CORPUS UTERI
1821	MAL NEO UTERINE ISTHMUS
1828	MAL NEO BODY UTERUS NEC
1830	MALIGN NEOPL OVARY
1832	MAL NEO FALLOPIAN TUBE
1833	MAL NEO BROAD LIGAMENT
1834	MALIG NEO PARAMETRIUM
1835	MAL NEO ROUND LIGAMENT
1838	MAL NEO ADNEXA NEC
1839	MAL NEO ADNEXA NOS
1840	MALIGN NEOPL VAGINA
1841	MAL NEO LABIA MAJORA
1842	MAL NEO LABIA MINORA
1843	MALIGN NEOPL CLITORIS
1844	MALIGN NEOPL VULVA NOS
1848	MAL NEO FEMALE GENIT NEC
1849	MAL NEO FEMALE GENIT NOS
2331	CA IN SITU CERVIX UTERI
2332	CA IN SITU UTERUS NEC
2333	CA IN SITU FEM GEN NEC
2360	UNCERT BEHAV NEO UTERUS
2361	UNC BEHAV NEO PLACENTA
2362	UNC BEHAV NEO OVARY
2363	UNC BEHAV NEO FEMALE NEC

Exclude pelvic or lower abdominal trauma (Population at Risk):

ICD-9-CM Diagnosis Codes:

8674	UTERUS INJURY-CLOSED
8675	UTERUS INJURY-OPEN
8676	PELVIC ORGAN INJ NEC-CL
8677	PELVIC ORGAN INJ NEC-OPN
8678	PELVIC ORGAN INJ NOS-CL
8679	PELVIC ORGAN INJ NOS-OPN
86800	INTRA-ABDOM INJ NOS-CLOS
86803	PERITONEUM INJURY-CLOSED
86804	RETROPERITONEUM INJ-CL
86809	INTRA-ABDOM INJ NEC-CLOS
86810	INTRA-ABDOM INJ NOS-OPEN
86813	PERITONEUM INJURY-OPEN
86814	RETROPERITONEUM INJ-OPEN
86819	INTRA-ABDOM INJ NEC-OPEN
8690	INTERNAL INJ NOS-CLOSED
8691	INTERNAL INJURY NOS-OPEN
8796	OPEN WOUND OF TRUNK NEC

8797	OPEN WND TRUNK NEC-COMPL
8798	OPEN WOUND SITE NOS
8799	OPN WOUND SITE NOS-COMPL
9060	LT EFF OPN WND HEAD/TRNK
9082	LATE EFF INT INJURY NEC
9391	FOREIGN BODY UTERUS
9474	BURN OF VAGINA & UTERUS

Laminectomy and/or spinal fusion

Laminectomy and/or spinal fusion (Outcome of Interest):

ICD-9-CM Procedure Codes:

0302	REOPEN LAMINECTOMY SITE
0309	SPINAL CANAL EXPLOR NEC
8050	EXC/DEST INTVRT DISC NOS
8051	EXCISION INTERVERT DISC
8059	OTH EXC/DEST INTVRT DISC
8100	SPINAL FUSION NOS
8101	ATLAS-AXIS FUSION
8102	OTH CERV FUSION, ANTER
8103	OTH CERV FUSION, POSTER
8104	DORSAL FUSION, ANTERIOR
8105	DORSAL FUSION, POSTERIOR
8106	LUMBAR FUSION, ANTERIOR
8107	LUMBAR FUSION, LATERAL
8108	LUMBAR FUSION, POSTERIOR
8109	REFUSION OF SPINE

Transurethral prostatectomy

Transurethral prostatectomy (Outcome of Interest):

ICD-9-CM Procedure Code:

602	TURP
6021	TRANSURETH PROSTATECTOMY%
6029	OTH TRANSURETH PROSTATEC%

Radical prostatectomy

Radical prostatectomy (Outcome of Interest):

ICD-9-CM Procedure Code:

605	RADICAL PROSTATECTOMY
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Laparoscopic cholecystectomy

Laparoscopic cholecystectomy (Outcome of Interest):

ICD-9-CM Procedure Code:

5123	LAPAROSCOPIC CHOLE
5124	LAP PART CHOLECYSTECTOMY#

Cholecystectomy (Population at Risk):

ICD-9-CM Procedure Codes:

5121	OTH PART CHOLECYSTECTOMY#
5122	CHOLECYSTECTOMY
5123	LAPAROSCOPIC CHOLE
5124	LAP PART CHOLECYSTECTOMY#

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Uncomplicated cholecystitis and/or cholelithiasis (Population at Risk):

ICD-9-CM Diagnosis Codes:

57410	CHOLELITH W CHOLECYS NEC
57420	CHOLELITHIASIS NOS
57460	CHOLELITH W/ AC W/O OBS#
57470	CHOLELITH W/ OT W/O OBS#
57480	CHOLELITH AC/CHR W/O OBS#
57490	CHOLELITH W/O OBS#
5751	CHOLECYSTITIS NEC
57510	CHOLECYSTITIS NOS#
57511	CHRONIC CHOLECYSTITIS#
57512	ACUTE & CHR CHOLECYSTITIS#

Coronary artery bypass graft (CABG)

Coronary artery bypass graft (Outcome of Interest):

DRGs:

106	CABG W/ CATH
107	CABG W/O CATH

Low birthweight

Low birthweight (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

7640	LIGHT-FOR-DATES W/O MALN
76400	LIGHT-FOR-DATES WTNOS
76401	LIGHT-FOR-DATES <500G
76402	LT-FOR-DATES 500-749G
76403	LT-FOR-DATES 750-999G
76404	LT-FOR-DATES 1000-1249G
76405	LT-FOR-DATES 1250-1499G
76406	LT-FOR-DATES 1500-1749G
76407	LT-FOR-DATES 1750-1999G
76408	LT-FOR-DATES 2000-2499G
7641	LIGHT-FOR-DATES W MALNUT
76410	LT-FOR-DATE W/MAL WTNOS
76411	LT-FOR-DATE W/MAL <500G
76412	LT-DATE W/MAL 500-749G
76413	LT-DATE W/MAL 750-999G
76414	LT-DATE W/MAL 1000-1249G
76415	LT-DATE W/MAL 1250-1499G
76416	LT-DATE W/MAL 1500-1749G
76417	LT-DATE W/MAL 1750-1999G
76418	LT-DATE W/MAL 2000-2499G
7642	FET MALN W/O LITE-FOR-DATES
76420	FETAL MALNUTRITION WTNOS
76421	FETAL MALNUTRITION <500G
76422	FETAL MALNUTR 500-749G
76423	FETAL MAL 750-999G
76424	FETAL MAL 1000-1249G
76425	FETAL MAL 1250-1499G
76426	FETAL MAL 1500-1749G
76427	FETAL MALNUTR 1750-1999G
76428	FETAL MALNUTR 2000-2499G
7649	FET GROWTH RETARD
76490	FET GROWTH RETARD WTNOS
76491	FET GROWTH RETARD <500G
76492	FET GROWTH RET 500-749G
76493	FET GROWTH RET 750-999G
76494	FET GRWTH RET 1000-1249G
76495	FET GRWTH RET 1250-1499G
76496	FET GRWTH RET 1500-1749G

76497	FET GRWTH RET 1750-1999G
76498	FET GRWTH RET 2000-2499G
7650	EXTREME IMMATUREITY
76500	EXTREME IMMATUR WTNOS
76501	EXTREME IMMATUR <500G
76502	EXTREME IMMATUR 500-749G
76503	EXTREME IMMATUR 750-999G
76504	EXTREME IMMAT 1000-1249G
76505	EXTREME IMMAT 1250-1499G
76506	EXTREME IMMAT 1500-1749G
76507	EXTREME IMMAT 1750-1999G
76508	EXTREME IMMAT 2000-2499G
7651	OTHER PRETERM INFANT
76510	PRETERM INFANT NEC WTNOS
76511	PRETERM NEC <500G
76512	PRETERM NEC 500-749G
76513	PRETERM NEC 750-999G
76514	PRETERM NEC 1000-1249G
76515	PRETERM NEC 1250-1499G
76516	PRETERM NEC 1500-1749G
76517	PRETERM NEC 1750-1999G
76518	PRETERM NEC 2000-2499G

Very low birthweight

Very low birthweight (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

76401	LIGHT-FOR-DATES <500G
76402	LT-FOR-DATES 500-749G
76403	LT-FOR-DATES 750-999G
76404	LT-FOR-DATES 1000-1249G
76405	LT-FOR-DATES 1250-1499G
76411	LT-FOR-DATE W/MAL <500G
76412	LT-DATE W/MAL 500-749G
76413	LT-DATE W/MAL 750-999G
76414	LT-DATE W/MAL 1000-1249G
76415	LT-DATE W/MAL 1250-1499G
76421	FETAL MALNUTRITION <500G
76422	FETAL MALNUTR 500-749G
76423	FETAL MAL 750-999G
76424	FETAL MAL 1000-1249G
76425	FETAL MAL 1250-1499G
76491	FET GROWTH RETARD <500G
76492	FET GROWTH RET 500-749G
76493	FET GROWTH RET 750-999G
76494	FET GRWTH RET 1000-1249G
76495	FET GRWTH RET 1250-1499G
76501	EXTREME IMMATUR <500G
76502	EXTREME IMMATUR 500-749G
76503	EXTREME IMMATUR 750-999G
76504	EXTREME IMMAT 1000-1249G
76505	EXTREME IMMAT 1250-1499G
76511	PRETERM NEC <500G
76512	PRETERM NEC 500-749G
76513	PRETERM NEC 750-999G
76514	PRETERM NEC 1000-1249G
76515	PRETERM NEC 1250-1499G

Pediatric asthma

Asthma (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

49300	EXT ASTHMA W/O STAT ASTH
49301	EXT ASTHMA W STATUS ASTH
49310	INT ASTHMA W/O STAT ASTH

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49311 INT ASTHMA W STATUS ASTH
 49320 CH OB ASTH W/O STAT ASTH
 49321 CH OB ASTHMA W STAT ASTH
 49390 ASTHMA W/O STATUS ASTHM
 49391 ASTHMA W STATUS ASTHMTAT

Immunization-preventable pneumonia and influenza among the elderly

Immunization-preventable pneumonia and influenza (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

481 PNEUMOCOCCAL PNEUMONIA
 4870 INFLUENZA WITH PNEUMONIA
 4871 FLU W RESP MANIFEST NEC
 4878 FLU W MANIFESTATION NEC

Cerebrovascular disease among non-elderly adults

Cerebrovascular disease (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

430 SUBARACHNOID HEMORRHAGE
 431 INTRACEREBRAL HEMORRHAGE
 4320 NONTRAUM EXTRADURAL HEM
 4321 SUBDURAL HEMORRHAGE
 4329 INTRACRANIAL HEMORR NOS
 4330 BASILAR ART OCCL
 43300 BASIL ART OCCL W/O INFRCT
 43301 BASI ART OCCL W/ INFRCT
 4331 CAROT ART OCCL
 43310 CAROT OCCL W/O CERE INFRCT
 43311 CAROTD OCCL W/ INFRCT
 4332 VERTEBRAL ART OCCL
 43320 VERTEB ART OCCL W/O INFRCT
 43321 VERTB ART OCCL W/ INFRCT
 4333 MULT PRECEREB OCCL
 43330 MULT PRECE OCCL W/O INFRCT
 43331 MULT PRECER OCCL W/ INFRCT
 4338 PRECEREB OCCL NEC
 43380 PRECER OCCL NEC W/O INFRCT
 43381 PRECER OCCL NEC W/ INFRCT
 4339 PRECEREB OCCL NOS
 43390 PRECER OCCL NOS W/O INFRCT
 43391 PRECER OCCL NOS W/ INFRCT
 4340 CERE THROMBOSIS
 43400 CERE THROMBOSIS W/O INFRCT
 43401 CERE THROMBOSIS W/ INFRCT
 4341 CERE EMBOLISM
 43410 CERE EMBOLISM W/O INFRCT
 43411 CERE EMBOLISM W/ INFRCT
 4349 CEREBR ART OCCL NOS
 43490 CEREBR OCCL NOS W/O INFRCT
 43491 CEREB OCCL NOS W/ INFRCT
 4350 BASILAR ART SYNDROME
 4351 VERTEBRAL ART SYNDROM
 4352 SUBCLAVIAN STEAL SYNDROM
 4358 TRANS CEREB ISCHEMIA NEC
 4359 TRANS CEREB ISCHEMIA NOS
 436 CVA
 4370 CERE ATHEROSCLEROSIS
 4371 AC CEREBROVASC INSUF NOS
 4378 CEREBROVASC DISEASE NEC
 4379 CEREBROVASC DISEASE NOS

438 LATE EFF CEREBROVASC DIS
 4380 LATE EF CV DIS-COGNF DEF@
 43810 LATE EF-SPCH/LNG DEF NOS@
 43811 LATE EFF CV DIS-APHASIA@
 43812 LATE EFF CV DIS-DYSPHSIA@
 43819 LATE EF-SPCH/LANG DF NEC@
 43820 LATE EF-HEMPLGA SIDE NOS@
 43821 LATE EF-HEMPLGA DOM SIDE@
 43822 LATE EF-HEMIPLGA NON-DOM@
 43830 LATE EF-MPLGA UP LMB NOS@
 43831 LATE EF-MPLGA UP LMB DOM@
 43832 LT EF-MPLGA UPLMB NONDOM@
 43840 LTE EF-MPLGA LOW LMB NOS@
 43841 LTE EF-MPLGA LOW LMB DOM@
 43842 LT EF-MPLGA LOWLMB NONDM@
 43850 LT EF OTH PARAL SIDE NOS@
 43851 LT EF OTH PARAL DOM SIDE@
 43852 LT EF OTH PARALS NON-DOM@
 43853 OTH PARALYT SYND, BIL&
 43881 LATE EFF CV DIS-APRAXIA@
 43882 LATE EF CV DIS DYSPHAGIA@
 43889 LATE EFFECT CV DIS NEC@
 4389 LATE EFFECT CV DIS NOS@

Diabetes – short-term complications

Diabetes with short-term complications (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

25002 DM, T2, UNCONT
 25003 DM, T1, UNCONT
 25010 DM KETO T2, DM CONT
 25011 DM KETO T1, DM CONT
 25012 DM KETO T2, DM UNCONT
 25013 DM KETO T1, DM UNCONT
 25020 DM W/ HYPROSM T2, DM CONT
 25021 DM W/ HYPROSM T1, DM CONT
 25022 DM W/ HYPROSM T2, DM UNCONT
 25023 DM W/ HYPROSM T1, DM UNCONT
 25030 DM COMA NEC TYP II, DM CNT
 25031 DM COMA NEC T1, DM CONT
 25032 DM COMA NEC T2, DM UNCONT
 25033 DM COMA NEC T1, DM UNCONT

Diabetes (Population at Risk):

ICD-9-CM Diagnosis Codes:

25000 DM, T2, CONTROLLED
 25001 DM, T1, CONTROLLED
 25002 DM, T2, UNCONTROLLED
 25003 DM, T1, UNCONTROLLED
 25010 DM KETO T2, DM CONT
 25011 DM KETO T1, DM CONT
 25012 DM KETO T2, DM UNCONT
 25013 DM KETO T1, DM UNCONT
 25020 DM W/ HYPROSM T2, DM CONT
 25021 DM W/ HYPROSM T1, DM CONT
 25022 DM W/ HYPROSM T2, DM UNCONT
 25023 DM W/ HYPROSM T1, DM UNCONT
 25030 DM COMA NEC TYP II, DM CNT
 25031 DM COMA NEC T1, DM CONT
 25032 DM COMA NEC T2, DM UNCONT
 25033 DM COMA NEC T1, DM UNCONT
 25040 DM RENAL COMP T2 CONT
 25041 DM RENAL COMP T1 CONT
 25042 DM RENAL COMP T2 UNCONT
 25043 DM RENAL COMP T1 UNCONT

Definitions of Outcomes of Interest and Populations at Risk

25050 DM EYE COMP T2 CONT
 25051 DM EYE COMP T1 CONT
 25052 DM EYE COMP T2 UNCNT
 25053 DM EYE COMP T1 UNCNT
 25060 DM NEURO COMP T2 CONT
 25061 DM NEURO COMP T1 CONT
 25062 DM NEURO COMP T2 UNCNT
 25063 DM NEURO COMP T1 UNCNT
 25070 DM CIRCUS DIS T2 CONT
 25071 DM CIRCUS DIS T1 CONT
 25072 DM CIRCUS DIS T2 UNCNT
 25073 DM CIRCUS DIS T1 UNCNT
 25080 DM W COMP NEC T2 CONT
 25081 DM W COMP NEC T1 CONT
 25082 DM W COMP NEC T2 UNCNT
 25083 DM W COMP NEC T1 UNCNT
 25090 DM W COMPL NOS T2 CONT
 25091 DM W COMPL NOS T1 CONT
 25092 DM W COMPL NOS T2 UNCNT
 25093 DM W COMPL NOS T1 UNCNT

Diabetes – long-term complications

Diabetes with long term-complications (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

25040 DM RENAL COMP T2 CONT
 25041 DM RENAL COMP T1 CONT
 25042 DM RENAL COMP T2 UNCNT
 25043 DM RENAL COMP T1 UNCNT
 25050 DM EYE COMP T2 CONT
 25051 DM EYE COMP T1 CONT
 25052 DM EYE COMP T2 UNCNT
 25053 DM EYE COMP T1 UNCNT
 25060 DM NEURO COMP T2 CONT
 25061 DM NEURO COMP T1 CONT
 25062 DM NEURO COMP T2 UNCNT
 25063 DM NEURO COMP T1 UNCNT
 25070 DM CIRCUS DIS T2 CONT
 25071 DM CIRCUS DIS T1 CONT
 25072 DM CIRCUS DIS T2 UNCNT
 25073 DM CIRCUS DIS T1 UNCNT
 25080 DM W COMP NEC T2 CONT
 25081 DM W COMP NEC T1 CONT
 25082 DM W COMP NEC T2 UNCNT
 25083 DM W COMP NEC T1 UNCNT
 25090 DM W COMPL NOS T2 CONT
 25091 DM W COMPL NOS T1 CONT
 25092 DM W COMPL NOS T2 UNCNT
 25093 DM W COMPL NOS T1 UNCNT

Diabetes (Population at Risk):

ICD-9-CM Diagnosis Codes:

25000 DM, T2, CONTROLLED
 25001 DM, T1, CONTROLLED
 25002 DM, T2, UNCONTROLLED
 25003 DM, T1, UNCONTROLLED
 25010 DM KETO T2, DM CONT
 25011 DM KETO T1, DM CONT
 25012 DM KETO T2, DM UNCONT
 25013 DM KETO T1, DM UNCONT
 25020 DM W/ HYPROSM T2, DM CONT
 25021 DM W/ HYPROSM T1, DM CONT
 25022 DM W/ HYPROSM T2, DM UNCNT
 25023 DM W/ HYPROSM T1, DM UNCNT
 25030 DM COMA NEC TYP II, DM CNT

25031 DM COMA NEC T1, DM CONT
 25032 DM COMA NEC T2, DM UNCONT
 25033 DM COMA NEC T1, DM UNCONT
 25040 DM RENAL COMP T2 CONT
 25041 DM RENAL COMP T1 CONT
 25042 DM RENAL COMP T2 UNCNT
 25043 DM RENAL COMP T1 UNCNT
 25050 DM EYE COMP T2 CONT
 25051 DM EYE COMP T1 CONT
 25052 DM EYE COMP T2 UNCNT
 25053 DM EYE COMP T1 UNCNT
 25060 DM NEURO COMP T2 CONT
 25061 DM NEURO COMP T1 CONT
 25062 DM NEURO COMP T2 UNCNT
 25063 DM NEURO COMP T1 UNCNT
 25070 DM CIRCUS DIS T2 CONT
 25071 DM CIRCUS DIS T1 CONT
 25072 DM CIRCUS DIS T2 UNCNT
 25073 DM CIRCUS DIS T1 UNCNT
 25080 DM W COMP NEC T2 CONT
 25081 DM W COMP NEC T1 CONT
 25082 DM W COMP NEC T2 UNCNT
 25083 DM W COMP NEC T1 UNCNT
 25090 DM W COMPL NOS T2 CONT
 25091 DM W COMPL NOS T1 CONT
 25092 DM W COMPL NOS T2 UNCNT
 25093 DM W COMPL NOS T1 UNCNT

Perforated appendix

Perforated appendix (Outcome of Interest):

ICD-9-CM Diagnosis Codes:

5400 AC APPEND W PERITONITIS
 5401 ABSCESS OF APPENDIX

Appendicitis (Population at Risk):

ICD-9-CM Diagnosis Codes:

5400 AC APPEND W PERITONITIS
 5401 ABSCESS OF APPENDIX
 5409 ACUTE APPENDICITIS NOS
 541 APPENDICITIS NOS

**Appendix B:
DRGs and ICD-9-CM Codes for Major Surgery
and Invasive Vascular Procedures**

DRGs for Major Surgery Procedures

DRGs:

DRG 1 MDC 1, CRANIOTOMY AGE >17 EXCEPT FOR TRAUMA
DRG 2 MDC 1, CRANIOTOMY FOR TRAUMA AGE >17
DRG 4 MDC 1, SPINAL PROCS
DRG 5 MDC 1, EXTRACRANIAL VASCULAR PROCS
DRG 49 MDC 3, MAJOR HEAD & NECK PROCS
DRG 75 MDC 4, MAJOR CHEST PROCS
DRG 103 MDC 5, HEART TRANSPLANT
DRG 104 MDC 5, CARDIAC VALVE PROCS W CARDIAC CATH
DRG 105 MDC 5, CARDIAC VALVE PROCS W/O CARDIAC CATH
DRG 106 MDC 5, CORONARY BYPASS W CARDIAC CATH
DRG 106 MDC 5, CORONARY BYPASS W/PTCA&
DRG 107 MDC 5, CORONARY BYPASS W/O CARDIAC CATH
DRG 107 MDC 5, CORONARY BYPASS W/CARDIAC CATH&
DRG 108 MDC 5, OTHER CARDIOTHORACIC PROCS
DRG 109 MDC 5, CORONARY BYPASS W/O CARDIAC CATH&
DRG 110 MDC 5, MAJOR CARDIOVASCULAR PROCS W CC
DRG 111 MDC 5, MAJOR CARDIOVASCULAR PROCS W/O CC
DRG 113 MDC 5, AMPUTA FOR CIRC SYSTEM DX EXCEPT UPPER LIMB & TOE
DRG 114 MDC 5, UPPER LIMB & TOE AMPUTA FOR CIRC SYSTEM DX
DRG 146 MDC 6, RECTAL RESECTION W CC
DRG 147 MDC 6, RECTAL RESECTION W/O CC
DRG 148 MDC 6, MAJOR SMALL & LARGE BOWEL PROCS W CC
DRG 149 MDC 6, MAJOR SMALL & LARGE BOWEL PROCS W/O CC
DRG 150 MDC 6, PERITONEAL ADHESIOLYSIS W CC
DRG 151 MDC 6, PERITONEAL ADHESIOLYSIS W/O CC
DRG 154 MDC 6, STOMACH, ESOPHAGEAL & DUODENAL PROCS AGE >17 W CC
DRG 155 MDC 6, STOMACH, ESOPHAGEAL & DUODENAL PROCS AGE >17 W/O CC
DRG 159 MDC 6, HERNIA PROCS EXCEPT INGUINAL & FEMORAL AGE >17 W CC
DRG 160 MDC 6, HERNIA PROCS EXCEPT INGUINAL & FEMORAL AGE >17 W/O CC
DRG 164 MDC 6, APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W CC
DRG 165 MDC 6, APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W/O CC
DRG 166 MDC 6, APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W CC
DRG 167 MDC 6, APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W/O CC
DRG 191 MDC 7, PANCREAS, LIVER & SHUNT PROCS W CC
DRG 192 MDC 7, PANCREAS, LIVER & SHUNT PROCS W/O CC
DRG 193 MDC 7, BILIARY TRACT PROC, NOT CHOLECYST W OR W/O C.D.E. W CC
DRG 194 MDC 7, BILIA TRACT PROC, NOT CHOLECYST W OR W/O C.D.E. W/O CC
DRG 195 MDC 7, CHOLECYSTECTOMY W C.D.E. W CC
DRG 196 MDC 7, CHOLECYSTECTOMY W C.D.E. W/O CC
DRG 197 MDC 7, CHOLECYSTECTOMY W/O C.D.E. W CC
DRG 198 MDC 7, CHOLECYSTECTOMY W/O C.D.E. W/O CC
DRG 199 MDC 7, HEPATOBILIARY DIAGNOSTIC PROC FOR MALIGNANCY
DRG 200 MDC 7, HEPATOBILIARY DIAGNOSTIC PROC FOR NON-MALIGNANCY
DRG 209 MDC 8, MAJOR JOINT & LIMB REATTACH PROCS OF LOWER EXTREMITY
DRG 210 MDC 8, HIP & FEMUR PROCS EXCEPT MAJOR JOINT AGE >17 W CC
DRG 211 MDC 8, HIP & FEMUR PROCS EXCEPT MAJOR JOINT AGE >17 W/O CC
DRG 213 MDC 8, AMPUTA FOR MUSCULOSKELETAL SYSTEM & CONN TISSUE DX
DRG 214 MDC 8, BACK & NECK PROCS W CC
DRG 215 MDC 8, BACK & NECK PROCS W/O CC
DRG 218 MDC 8, LOW EXTR & HUMER PR, NOT HIP,FOOT,FEMUR AGE>17 W CC
DRG 219 MDC 8, LOW EXTR & HUMER PR, NOT HIP,FOOT,FEMUR AGE>17 W/O CC
DRG 221 MDC 8, KNEE PROCS W CC
DRG 222 MDC 8, KNEE PROCS W/O CC
DRG 226 MDC 8, SOFT TISSUE PROCS W CC
DRG 227 MDC 8, SOFT TISSUE PROCS W/O CC
DRG 230 MDC 8, LOCAL EXCIS & REMOVAL OF INT FIX DEVICES OF HIP & FEMUR
DRG 231 MDC 8, LOCAL EXCIS & REMOVAL OF INT FIX DEVICES, NOT HIP/FEMUR
DRG 257 MDC 9, TOTAL MASTECTOMY FOR MALIGNANCY W CC
DRG 258 MDC 9, TOTAL MASTECTOMY FOR MALIGNANCY W/O CC
DRG 259 MDC 9, SUBTOTAL MASTECTOMY FOR MALIGNANCY W CC
DRG 260 MDC 9, SUBTOTAL MASTECTOMY FOR MALIGNANCY W/O CC
DRG 261 MDC 9, BREAST PROC FOR NON-MALIG, NOT BIOPSY & LOCAL EXCISION
DRG 263 MDC 9, SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS W CC
DRG 264 MDC 9, SKIN GRAFT &/OR DEBRID FOR SKN ULCER, CELLULIT W/O CC
DRG 265 MDC 9, SKIN GRAFT &/OR DEBRID, NOT SKIN ULCER/CELLULITIS W CC
DRG 266 MDC 9, SKIN GRAFT &/OR DEBRID, NOT SKIN ULCER/CELLULITIS W/O CC
DRG 285 MDC 10, AMPUTAT LOWER LIMB FOR ENDOCR,NUTRIT,& METABOL DX
DRG 286 MDC 10, ADRENAL & PITUITARY PROCS

DRGs for Major Surgery Procedures

DRG 287 MDC 10, SKIN GRAFT/WOUND DEBRID FOR ENDOC, NUTRIT & METAB DX
DRG 288 MDC 10, O.R. PROCS FOR OBESITY
DRG 289 MDC 10, PARATHYROID PROCS
DRG 290 MDC 10, THYROID PROCS
DRG 302 MDC 11, KIDNEY TRANSPLANT
DRG 303 MDC 11, KIDNEY, URETER & MAJOR BLADDER PROCS FOR NEOPLASM
DRG 304 MDC 11, KIDNEY, URETER & MAJOR BLADDER PR FOR NON-NEOPL W CC
DRG 305 MDC 11, KIDNEY, URETE & MAJOR BLADDER PR FOR NON-NEOPL W/O CC
DRG 306 MDC 11, PROSTATECTOMY W CC
DRG 307 MDC 11, PROSTATECTOMY W/O CC
DRG 310 MDC 11, TRANSURETHRAL PROCS W CC
DRG 311 MDC 11, TRANSURETHRAL PROCS W/O CC
DRG 334 MDC 12, MAJOR MALE PELVIC PROCS W CC
DRG 335 MDC 12, MAJOR MALE PELVIC PROCS W/O CC
DRG 336 MDC 12, TRANSURETHRAL PROSTATECTOMY W CC
DRG 337 MDC 12, TRANSURETHRAL PROSTATECTOMY W/O CC
DRG 353 MDC 13, PELVIC EVISCERAT, RADICAL HYSTER & RADICAL VULVECT
DRG 354 MDC 13, UTERINE, ADNEXA PROC FOR NON-OVAR/ADNEXAL MALIG W CC
DRG 355 MDC 13, UTERINE, ADNEXA PROC FOR NON-OVAR/ADNEX MALIG W/O CC
DRG 356 MDC 13, FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCS
DRG 357 MDC 13, UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIG
DRG 358 MDC 13, UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W CC
DRG 359 MDC 13, UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC
DRG 392 MDC 16, SPLENECTOMY AGE >17
DRG 400 MDC 17, LYMPHOMA & LEUKEMIA W MAJOR O.R. PROC
DRG 401 MDC 17, LYMPHOMA & NON-ACUTE LEUKEMIA W OTH O.R. PROC W CC
DRG 402 MDC 17, LYMPHOMA & NON-ACUTE LEUKEM W OTH O.R. PROC W/O CC
DRG 406 MDC 17, MYELOPROLIF DX/POORLY DIFF NEOPL W MAJ O.R. PROC W CC
DRG 407 MDC 17, MYELOPROLI DX/POORLY DIFF NEOPL W MAJ O.R. PROC W/O CC
DRG 415 MDC 18, O.R. PROC FOR INFECTIOUS & PARASITIC DISEASES
DRG 439 MDC 21, SKIN GRAFTS FOR INJURIES
DRG 440 MDC 21, WOUND DEBRIDEMENTS FOR INJURIES
DRG 458 MDC 22, NON-EXTENSIVE BURNS W SKIN GRAFT
DRG 459 MDC 22, NON-EXTEN BURNS W WOUND DEBRIDEMENT OR OTH O.R. PR
DRG 468 MDC , EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS
DRG 471 MDC 8, BILAT OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREM
DRG 472 MDC 22, EXTENSIVE BURNS W O.R. PROC
DRG 476 MDC , PROSTATIC O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS
DRG 480 MDC , LIVER TRANSPLANT
DRG 481 MDC , BONE MARROW TRANSPLANT
DRG 482 MDC , TRACHEOSTOMY W MOUTH, LARYNX OR PHARYNX DISORDER
DRG 483 MDC , TRACHEOSTOMY, NOT MOUTH, LARYNX OR PHARYNX DISORDER
DRG 484 MDC 24, CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA
DRG 485 MDC 24, LIMB REATTACH, HIP & FEMUR PROC FOR MULT SIGNIF TRAUM
DRG 486 MDC 24, OTHER O.R. PROCS FOR MULTIPLE SIGNIFICANT TRAUMA
DRG 488 MDC 25, HIV W EXTENSIVE O.R. PROC
DRG 491 MDC 8, MAJOR JOINT & LIMB REATTACHMENT PROCS OF UP EXTREM
DRG 493 MDC 7, LAPAROSCOPIC CHOLECYSTECTOMY W/O CDE W/ CC!
DRG 494 MDC 7, LAPAROSCOPIC CHOLECYSTECTOMY W/O CDE W/O CC!
DRG 495 MDC , LUNG TRANSPLANT!
DRG 496 MDC 8, COMBINED ANTERIOR/POSTERIOR SPINAL FUSION@
DRG 497 MDC 8, SPINAL FUSION W CC@
DRG 498 MDC 8, SPINAL FUSION W/O CC@
DRG 499 MDC 8, BACK & NECK PROCS EXCEPT SPINAL FUSION W CC@
DRG 500 MDC 8, BACK & NECK PROCS EXCEPT SPINAL FUSION W/O CC@
DRG 501 MDC 8, KNEE PROCEDURES W PDX OF INFECTION W CC@
DRG 502 MDC 8, KNEE PROCEDURES W PDX OF INFECTION W/O CC@
DRG 503 MDC 8, KNEE PROCEDURES W/O PDX OF INFECTION@
DRG 504 MDC 22, EXTEN 3RD DEG BURN W/SKIN GRAFT W CC&
DRG 506 MDC 22, FULL THICK BURN/SKIN GRAFT W CC&
DRG 507 MDC 22, FULL THICK BURN W/SKIN GRAFT W/O CC&

ICD-9-CM Procedure Codes for Major Surgery DRGs

DRG 1 MDC 1,

CRANIOTOMY AGE >17 EXCEPT FOR TRAUMA

0112 OPEN CEREB MENINGES BX
 0114 OPEN BRAIN BIOPSY
 0115 SKULL BIOPSY
 0118 OTHER BRAIN DX PROCEDURE
 0119 OTHER SKULL DX PROCEDURE
 0121 CRANIAL SINUS I & D
 0122 REMOV INTRACRAN STIMULAT
 0123 REOPEN CRANIOTOMY SITE
 0124 OTHER CRANIOTOMY
 0125 OTHER CRANIECTOMY
 0131 INCISE CEREBRAL MENINGES
 0132 LOBOTOMY & TRACTOTOMY
 0139 OTHER BRAIN INCISION
 0141 THALAMUS OPERATIONS
 0142 GLOBUS PALLIDUS OPS
 0151 EX CEREB MENINGEAL LES
 0152 HEMISPHERECTOMY
 0153 BRAIN LOBECTOMY
 0159 OTHER BRAIN EXCISION
 016 EXCISE SKULL LESION
 0201 LINEAR CRANIECTOMY
 0202 ELEVATE SKULL FX FRAGMNT
 0203 SKULL FLAP FORMATION
 0204 BONE GRAFT TO SKULL
 0205 SKULL PLATE INSERTION
 0206 CRANIAL OSTEOPLASTY NEC
 0207 SKULL PLATE REMOVAL
 0211 SIMPLE SUTURE OF DURA
 0212 BRAIN MENINGE REPAIR NEC
 0213 MENINGE VESSEL LIGATION
 0214 CHOROID PLEXECTOMY
 022 VENTRICULOSTOMY
 0231 VENTRICL SHUNT-HEAD/NECK
 0232 VENTRI SHUNT-CIRCULA SYS
 0233 VENTRICL SHUNT-THORAX
 0234 VENTRICL SHUNT-ABDOMEN
 0235 VENTRI SHUNT-UNINARY SYS
 0239 OTHER VENTRICULAR SHUNT
 0242 REPLACE VENTRICLE SHUNT
 0243 REMOVE VENTRICLE SHUNT
 0291 LYSIS CORTICAL ADHESION
 0292 BRAIN REPAIR
 0293 IMPLANT BRAIN STIMULATOR
 0294 INSERT/REPLAC SKULL TONG
 0299 SKULL & BRAIN OP NEC
 0401 ACOUSTIC NEUROTOMY
 0441 DECOMPRESS TRIGEM ROOT
 0713 TRANSFRONT PITUITARY BX
 0714 TRANSPHEN PITUITARY BX
 0715 PITUITARY BIOPSY NOS
 0717 PINEAL BIOPSY
 0751 PINEAL FIELD EXPLORATION
 0752 PINEAL GLAND INCISION
 0753 PARTIAL PINEALECTOMY
 0754 TOTAL PINEALECTOMY
 0759 PINEAL OPERATION NEC
 0761 EXC PITUIT LES-TRANSFRON
 0762 EXC PITUIT LES-TRANSPHEN
 0763 PART EXCIS PITUITARY NOS
 0764 TOT EXC PITUIT-TRANSFRON
 0765 TOT EXC PITUIT-TRANSPHEN
 0768 TOTAL EXC PITUITARY NEC
 0769 TOTAL EXC PITUITARY NOS
 0771 PITUITARY FOSSA EXPLORAT
 0772 PITUITARY GLAND INCISION
 0779 PITUITARY OPERATION NEC
 2992 DIVIS GLOSSOPHARYNG NERV
 3801 INTRACRAN VESSEL INCIS
 3811 INTRACRAN ENDARTERECTOMY

3831 INTRACRAN VES RESEC-ANAS
 3841 INTRACRAN VES RESEC-REPL
 3851 INTCRAN VAR V LIG-STRIP
 3861 INTRACRAN VESSEL EXCIS
 3881 OCCLUS INTRACRAN VES NEC
 3928 EXTRACRAN-INTRACRAN BYPASS
 3951 CLIPPING OF ANEURYSM
 3952 ANEURYSM REPAIR NEC
 3953 ARTERIOVEN FISTULA REP

DRG 2 MDC 1,

CRANIOTOMY FOR TRAUMA AGE >17

0112 OPEN CEREB MENINGES BX
 0114 OPEN BRAIN BIOPSY
 0115 SKULL BIOPSY
 0118 OTHER BRAIN DX PROCEDURE
 0119 OTHER SKULL DX PROCEDURE
 0121 CRANIAL SINUS I & D
 0122 REMOV INTRACRAN STIMULAT
 0123 REOPEN CRANIOTOMY SITE
 0124 OTHER CRANIOTOMY
 0125 OTHER CRANIECTOMY
 0131 INCISE CEREBRAL MENINGES
 0132 LOBOTOMY & TRACTOTOMY
 0139 OTHER BRAIN INCISION
 0141 THALAMUS OPERATIONS
 0142 GLOBUS PALLIDUS OPS
 0151 EX CEREB MENINGEAL LES
 0152 HEMISPHERECTOMY
 0153 BRAIN LOBECTOMY
 0159 OTHER BRAIN EXCISION
 016 EXCISE SKULL LESION
 0201 LINEAR CRANIECTOMY
 0202 ELEVATE SKULL FX FRAGMNT
 0203 SKULL FLAP FORMATION
 0204 BONE GRAFT TO SKULL
 0205 SKULL PLATE INSERTION
 0206 CRANIAL OSTEOPLASTY NEC
 0207 SKULL PLATE REMOVAL
 0211 SIMPLE SUTURE OF DURA
 0212 BRAIN MENINGE REPAIR NEC
 0213 MENINGE VESSEL LIGATION
 0214 CHOROID PLEXECTOMY
 022 VENTRICULOSTOMY
 0231 VENTRICL SHUNT-HEAD/NECK
 0232 VENTRI SHUNT-CIRCULA SYS
 0233 VENTRICL SHUNT-THORAX
 0234 VENTRICL SHUNT-ABDOMEN
 0235 VENTRI SHUNT-UNINARY SYS
 0239 OTHER VENTRICULAR SHUNT
 0242 REPLACE VENTRICLE SHUNT
 0243 REMOVE VENTRICLE SHUNT
 0291 LYSIS CORTICAL ADHESION
 0292 BRAIN REPAIR
 0293 IMPLANT BRAIN STIMULATOR
 0294 INSERT/REPLAC SKULL TONG
 0299 SKULL & BRAIN OP NEC
 0401 ACOUSTIC NEUROTOMY
 0441 DECOMPRESS TRIGEM ROOT
 0713 TRANSFRONT PITUITARY BX
 0714 TRANSPHEN PITUITARY BX
 0715 PITUITARY BIOPSY NOS
 0717 PINEAL BIOPSY
 0751 PINEAL FIELD EXPLORATION
 0752 PINEAL GLAND INCISION
 0753 PARTIAL PINEALECTOMY
 0754 TOTAL PINEALECTOMY
 0759 PINEAL OPERATION NEC
 0761 EXC PITUIT LES-TRANSFRON
 0762 EXC PITUIT LES-TRANSPHEN
 0763 PART EXCIS PITUITARY NOS

ICD-9-CM Procedure Codes for Major Surgery DRGs

0764	TOT EXC PITUIT-TRANSFRON	3950	ANGIO/ATH NON-CORO VES%
0765	TOT EXC PITUIT-TRANSPHEN	3956	REPAIR VESS W TIS PATCH
0768	TOTAL EXC PITUITARY NEC	3957	REP VESS W SYNTH PATCH
0769	TOTAL EXC PITUITARY NOS	3958	REPAIR VESS W PATCH NOS
0771	PITUITARY FOSSA EXPLORAT	3959	REPAIR OF VESSEL NEC
0772	PITUITARY GLAND INCISION	398	VASCULAR BODY OPERATIONS
0779	PITUITARY OPERATION NEC	3992	VEIN INJECT-SCLEROS AGNT
2992	DIVIS GLOSSOPHARYNG NERV		
3801	INTRACRAN VESSEL INCIS		
3811	INTRACRAN ENDARTERECTOMY		
3831	INTRACRAN VES RESEC-ANAS		
3841	INTRACRAN VES RESEC-REPL		
3851	INTCRAN VAR V LIG-STRIP		
3861	INTRACRAN VESSEL EXCIS		
3881	OCCLUS INTRACRAN VES NEC		
3928	EXTRACRAN-INTRACR BYPASS		
3951	CLIPPING OF ANEURYSM		
3952	ANEURYSM REPAIR NEC		
3953	ARTERIOVEN FISTULA REP		
DRG 4 MDC 1,			
SPINAL PROCS			
0301	REMOVAL FB SPINAL CANAL		
0302	REOPEN LAMINECTOMY SITE		
0309	SPINAL CANAL EXPLOR NEC		
031	INTRASPIN NERVE ROOT DIV		
0321	PERCUTANEOUS CHORDOTOMY		
0329	OTHER CHORDOTOMY		
0332	SPINAL CORD/MENINGES BX		
0339	OTHER SPINAL DX PROC		
034	EXCIS SPINAL CORD LESION		
0351	SPINE MENINGOCELE REPAIR		
0352	MYELOMENINGOCELE REPAIR		
0353	VERTEBRAL FX REPAIR		
0359	SPINAL STRUCT REPAIR NEC		
036	SPINAL CORD ADHESIOLYSIS		
0371	SUBARACH-PERITON SHUNT		
0372	SUBARACH-URETERAL SHUNT		
0379	OTH SPINAL THECAL SHUNT		
0393	INSERT SPINAL STIMULATOR		
0394	REMOVE SPINAL STIMULATOR		
0397	REVISE SPINE THECA SHUNT		
0398	REMOVE SPINE THECA SHUNT		
0399	SPINE CANAL STRUC OP NEC		
7781	OTH CHEST CAGE OSTECTOMY		
7791	TOT CHEST CAGE OSTECTOMY		
8050	EXC/DEST INTVRT DISC NOS		
8051	EXCISION INTERVERT DISC		
8059	OTH EXC/DEST INTVRT DISC		
8100	SPINAL FUSION NOS		
8101	ATLAS-AXIS FUSION		
8102	OTHER CERVICAL FUS ANT		
8103	OTHER CERVICAL FUS POST		
8104	DORSAL/DORSOLUM FUS ANT		
8105	DORSAL/DORSOLUM FUS POST		
8106	LUMBAR/LUMBOSAC FUS ANT		
8107	LUMBAR/LUMBOSAC FUS LAT		
8108	LUMBAR/LUMBOSAC FUS POST		
8109	REFUSION OF SPINE		
DRG 5 MDC 1,			
EXTRACRANIAL VASCULAR PROCS			
3810	ENDARTERECTOMY NOS		
3812	HEAD & NECK ENDARTER NEC		
3832	HEAD/NECK VES RESEC-ANAS		
3862	HEAD/NECK VESSEL EXCIS		
3922	AORTA-SUBCLV-CAROT BYPAS		
3929	VASC SHUNT & BYPASS NEC		
3930	SUTURE OF VESSEL NOS		
3931	SUTURE OF ARTERY		
3932	SUTURE OF VEIN		
2096	IMPLT COCHLEAR PROST NOS		
2097	IMP/REP SCHAN COCH PROS		
2098	IMP/REP MCHAN COCHL PROS		
252	PARTIAL GLOSSECTOMY		
253	COMPLETE GLOSSECTOMY		
254	RADICAL GLOSSECTOMY		
2732	WIDE EXC BONY PALATE LES		
301	HEMILARYNGECTOMY		
3029	OTHER PART LARYNGECTOMY		
4040	RAD NECK DISSECTION NOS		
4041	UNILAT RAD NECK DISSECT		
4042	BILAT RAD NECK DISSECT		
4050	RAD NODE DISSECTION NOS		
4059	RAD NODE DISSECTION NEC		
7631	PARTIAL MANDIBULECTOMY		
7641	TOT MANDIBULEC W RECONST		
7642	TOTAL MANDIBULECTOMY NEC		
DRG 75 MDC 4,			
MAJOR CHEST PROCS			
0716	THYMUS BIOPSY		
0780	THYMECTOMY NOS		
0781	PART EXCISION OF THYMUS		
0782	TOTAL EXCISION OF THYMUS		
0791	THYMUS FIELD EXPLORATION		
0792	INCISION OF THYMUS		
0793	REPAIR OF THYMUS		
0794	THYMUS TRANSPLANTATION		
0799	THYMUS OPERATION NEC		
3173	TRACHEA FISTULA CLOS NEC		
3175	TRACHEAL RECONSTRUCTION		
3179	OTHER TRACHEAL REPAIR		
3209	OTH DESTRUCT BRONCH LES		
321	OTHER BRONCHIAL EXCISION		
3221	EMPHYSEMA BLEB PPLICATION		
3222	LUNG VOL REDUCTION SURG%		
3229	DESTROY LOC LUNG LES NEC		
323	SEGMENTAL LUNG RESECTION		
324	LOBECTOMY OF LUNG		
325	COMPLETE PNEUMONECTOMY		
326	RAD DISSEC THORAC STRUCT		
329	OTHER EXCISION OF LUNG		
330	INCISION OF BRONCHUS		
331	INCISION OF LUNG		
3325	OPEN BRONCHIAL BIOPSY		
3328	OPEN LUNG BIOPSY		
3334	THORACOPLASTY		
3339	SURG COLLAPS OF LUNG NEC		
3341	BRONCHIAL LACERAT SUTURE		
3342	BRONCHIAL FISTULA CLOS		
3343	LUNG LACERATION CLOSURE		
3348	BRONCHIAL REPAIR NEC		
3349	LUNG REPAIR NEC		
335	LUNG TRANSPLANT		
3392	BRONCHIAL LIGATION		
3398	BRONCHIAL OPERATION NEC		
3399	LUNG OPERATION NEC		
3402	EXPLORATORY THORACOTOMY		
3403	REOPEN THORACOTOMY SITE		
3427	BIOPSY OF DIAPHRAGM		
343	DESTRUCT MEDIASTIN LES		

ICD-9-CM Procedure Codes for Major Surgery DRGs

3451 DECORTICATION OF LUNG
 3459 OTHER PLEURAL EXCISION
 346 SCARIFICATION OF PLEURA
 3473 CLOS THORACIC FISTUL NEC
 3474 PECTUS DEFORMITY REPAIR
 3481 EXCISE DIAPHRAGM LESION
 3482 SUTURE DIAPHRAGM LACERAT
 3483 CLOSE DIAPHRAGM FISTULA
 3484 OTHER DIAPHRAGM REPAIR
 3485 IMPLANT DIAPHRA PACEMAKE
 3489 DIAPHRAGM OPERATION NEC
 3493 REPAIR OF PLEURA
 3712 PERICARDIOTOMY
 3724 PERICARDIAL BIOPSY
 3731 PERICARDIECTOMY
 3791 OPN CHEST CARDIAC MASSAG
 3805 THORACIC VESSEL INC NEC
 3815 THORACIC ENDARTERECTOMY
 3835 THOR VESSEL RESECT/ANAST
 3845 RESECT THORAC VES W REPL
 3855 THORAC VAR V LIG-STRIP
 3865 THORACIC VESSEL EXCISION
 3885 OCCLUDE THORACIC VES NEC
 3954 RE-ENTRY OPERATION
 3998 HEMORRHAGE CONTROL NOS
 4022 EXCISE INT MAMMARY NODE
 4052 RAD DISSEC PERIAORT NODE
 4061 THORAC DUCT CANNULATION
 4062 THORACIC DUCT FISTULIZAT
 4063 CLOSE THORACIC DUCT FIST
 4064 LIGATE THORACIC DUCT
 4069 THORACIC DUCT OP NEC
 537 ABD REPAIR-DIAPHR HERNIA
 5380 THOR REP-DIAPH HERN NOS
 5381 DIAPHRAGMATIC PPLICATION
 5382 PARASTERN HERNIA REPAIR

**DRG 103 MDC 5,
HEART TRANSPLANT**

336 COMB HEART/LUNG TRANSPLA
 375 HEART TRANSPLANTATION

**DRG 104 MDC 5,
CARDIAC VALVE PROCS W CARDIAC CATH**

3510 OPEN VALVULOPLASTY NOS
 3511 OPN AORTIC VALVULOPLASTY
 3512 OPN MITRAL VALVULOPLASTY
 3513 OPN PULMON VALVULOPLASTY
 3514 OPN TRICUS VALVULOPLASTY
 3520 REPLACE HEART VALVE NOS
 3521 REPLACE AORT VALV-TISSUE
 3522 REPLACE AORTIC VALVE NEC
 3523 REPLACE MITR VALV-TISSUE
 3524 REPLACE MITRAL VALVE NEC
 3525 REPLACE PULM VALV-TISSUE
 3526 REPLACE PULMON VALVE NEC
 3527 REPLACE TRIC VALV-TISSUE
 3528 REPLACE TRICUSP VALV NEC
 3721 RT HEART CARDIAC CATH
 3722 LEFT HEART CARDIAC CATH
 3723 RT/LEFT HEART CARD CATH
 3726 CARDIAC ELECTROPHY STIM
 3794 IMPLT/REPL CARDDEFIB TOT
 3795 IMPLT CARDIODEFIB LEADS
 3796 IMPLT CARDIODEFIB GENATR
 3797 REPL CARDIODEFIB LEADS
 3798 REPL CARDIODEFIB GENRATR
 8852 RT HEART ANGIOCARDIOGRAM
 8853 LT HEART ANGIOCARDIOGRAM
 8854 RT & LT HEART ANGIOCARD
 8855 CORONAR ARTERIOGR-1 CATH

8856 CORONAR ARTERIOGR-2 CATH
 8857 CORONARY ARTERIOGRAM NEC
 8858 NEGATVE-CONTR CARDIOGRAM

**DRG 105 MDC 5,
CARDIAC VALVE PROCS W/O CARDIAC CATH**

3510 OPEN VALVULOPLASTY NOS
 3511 OPN AORTIC VALVULOPLASTY
 3512 OPN MITRAL VALVULOPLASTY
 3513 OPN PULMON VALVULOPLASTY
 3514 OPN TRICUS VALVULOPLASTY
 3520 REPLACE HEART VALVE NOS
 3521 REPLACE AORT VALV-TISSUE
 3522 REPLACE AORTIC VALVE NEC
 3523 REPLACE MITR VALV-TISSUE
 3524 REPLACE MITRAL VALVE NEC
 3525 REPLACE PULM VALV-TISSUE
 3526 REPLACE PULMON VALVE NEC
 3527 REPLACE TRIC VALV-TISSUE
 3528 REPLACE TRICUSP VALV NEC
 3794 IMPLT/REPL CARDDEFIB TOT
 3795 IMPLT CARDIODEFIB LEADS
 3796 IMPLT CARDIODEFIB GENATR
 3797 REPL CARDIODEFIB LEADS
 3798 REPL CARDIODEFIB GENRATR

**DRG 106 MDC 5,
CORONARY BYPASS W CARDIAC CATH
DRG 106, MDC 5,**

CORONARY BYPASS W/PTCA&
 3610 AORTOCORONARY BYPASS NOS
 3611 AORTOCOR BYPAS-1 COR ART
 3612 AORTOCOR BYPAS-2 COR ART
 3613 AORTOCOR BYPAS-3 COR ART
 3614 AORTOCOR BYPAS-4+ COR ART
 3615 1 INT MAM-COR ART BYPASS
 3616 2 INT MAM-COR ART BYPASS
 3617 ABD-CORON ARTERY BYPASS#
 3619 HRT REVAS BYPS ANAS NEC
 3596 PERC HEART VALVULOPLASTY
 3601 PTCA-1 VESSEL W/O AGENT
 3602 PTCA-1 VESSEL WITH AGENT
 3605 PTCA-MULTIPLE VESSEL
 3721 RT HEART CARDIAC CATH
 3722 LEFT HEART CARDIAC CATH
 3723 RT/LEFT HEART CARD CATH
 8852 RT HEART ANGIOCARDIOGRAM
 8853 LT HEART ANGIOCARDIOGRAM
 8854 RT & LT HEART ANGIOCARD
 8855 CORONAR ARTERIOGR-1 CATH
 8856 CORONAR ARTERIOGR-2 CATH
 8857 CORONARY ARTERIOGRAM NEC
 8858 NEGATVE-CONTR CARDIOGRAM

**DRG 107 MDC 5,
CORONARY BYPASS W/O CARDIAC CATH
DRG 107 MDC 5,**

CORONARY BYPASS W/CARDIAC CATH&
 3610 AORTOCORONARY BYPASS NOS
 3611 AORTOCOR BYPAS-1 COR ART
 3612 AORTOCOR BYPAS-2 COR ART
 3613 AORTOCOR BYPAS-3 COR ART
 3614 AORTOCOR BYPAS-4+ COR ART
 3615 1 INT MAM-COR ART BYPASS
 3616 2 INT MAM-COR ART BYPASS
 3617 ABD-CORON ARTERY BYPASS#
 3619 HRT REVAS BYPS ANAS NEC

**DRG 108 MDC 5,
OTHER CARDIOTHORACIC PROCS**

3531 PAPILLARY MUSC OPS

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3532 CHORDAE TENDINAE OPS
 3533 ANNULOPLASTY
 3534 INFUNDIBULECTOMY
 3535 TRABECUL CARNEAE CORD OP
 3539 TISS ADJ TO VALVE OPS NEC
 3542 CREATE SEPTAL DEFECT
 3550 PROSTH REP HRT SEPTA NOS
 3551 PROS REP ATRIAL DEF-OPN
 3552 PROS REPAIR ATRIA DEF-CL
 3553 PROST REPAIR VENTRIC DEF
 3554 PROS REP ENDOCAR CUSHION
 3560 GRFT REPAIR HRT SEPT NOS
 3561 GRAFT REPAIR ATRIAL DEF
 3562 GRAFT REPAIR VENTRIC DEF
 3563 GRFT REP ENDOCAR CUSHION
 3570 HEART SEPTA REPAIR NOS
 3571 ATRIA SEPTA DEF REP NEC
 3572 VENTR SEPTA DEF REP NEC
 3573 ENDOCAR CUSHION REP NEC
 3581 TOT REPAIR TETRAL FALLOT
 3582 TOTAL REPAIR OF TAPVC
 3583 TOT REP TRUNCUS ARTERIOS
 3584 TOT COR TRANSPOS GRT VES
 3591 INTERAT VEN RETRN TRANSP
 3592 CONDUIT RT VENT-PUL ART
 3593 CONDUIT LEFT VENTR-AORTA
 3594 CONDUIT ARTIUM-PULM ART
 3595 HEART REPAIR REVISION
 3598 OTHER HEART SEPTA OPS
 3599 OTHER HEART VALVE OPS
 3603 OPEN CORONRY ANGIOPLASTY
 362 ARTERIAL IMPLANT REVASC
 363 HEART REVASCULARIZAT NEC
 3631 OPEN CHEST REVASC&
 3632 OTH TRANSMYOCARDIAL REVASC&
 3639 OTH HEART REVASC&
 3691 CORON VESS ANEURYSM REP
 3699 HEART VESSEL OP NEC
 3710 INCISION OF HEART NOS
 3711 CARDIOTOMY
 3732 HEART ANEURYSM EXCISION
 3733 EXC/DEST OTH HRT LESION
 3735 PARTIAL VENTRICULECTOMY@
 3766 IMP IMP PUL HRT ASST SYS@
 3844 RESECT ABDM AORTA W REPL
 3845 RESECT THORAC VES W REPL

**DRG 109, MDC 5
 CORONARY BYPASS W/O CARDIAC CATH&**

3610 AORTOCORONARY BYPASS NOS&
 3611 AORTOCOR BYPAS-1 COR ART&
 3612 AORTOCOR BYPAS-2 COR ART&
 3613 AORTOCOR BYPAS-3 COR ART&
 3614 AORTCOR BYPAS-4+ COR ART&
 3615 1 INT MAM-COR ART BYPASS&
 3616 2 INT MAM-COR ART BYPASS&
 3617 ABD-CORON ARTERY BYPASS#&
 3619 HRT REVAS BYPS ANAS NEC&
 3596 PERC HEART VALVULOPLASTY&
 3601 PTCA-1 VESSEL W/O AGENT&
 3602 PTCA-1 VESSEL WITH AGNT&
 3605 PTCA-MULTIPLE VESSEL&
 3721 RT HEART CARDIAC CATH&
 3722 LEFT HEART CARDIAC CATH&
 3723 RT/LEFT HEART CARD CATH&
 8852 RT HEART ANGIOCARDIOGRAM&
 8853 LT HEART ANGIOCARDIOGRAM&
 8854 RT & LT HEART ANGIOCARD&
 8855 CORONAR ARTERIOGR-1 CATH&
 8856 CORONAR ARTERIOGR-2 CATH&
 8857 CORONARY ARTERIOGRAM NEC&

8858 NEGATVE-CONTR RADIOGRAM&

**DRG 110 MDC 5,
 MAJOR CARDIOVASCULAR PROCS W CC
 DRG 111 MDC 5, MAJOR CARDIOVASCULAR
 PROCS W/O CC**

3500 CLOSED VALVOTOMY NOS
 3501 CLOSED AORTIC VALVOTOMY
 3502 CLOSED MITRAL VALVOTOMY
 3503 CLOSED PULMON VALVOTOMY
 3504 CLOSED TRICUSP VALVOTOMY
 3712 PERICARDIOTOMY
 3724 PERICARDIAL BIOPSY
 3731 PERICARDIECTOMY
 374 HEART & PERICARD REPAIR
 3761 PULSATION BALLOON IMPLAN
 3762 IMPLANT HRT ASST SYS NEC
 3763 REPLACE HRT ASSIST SYST
 3765 IMPL EXTERN HEART ASSIST%
 3766 IMPL INTERN HEART ASSIST%
 3767 IMPL CARDIOMYOSTIM SYSTEM&
 3791 OPN CHEST CARDIAC MASSAG
 3799 OTHER HEART/PERICARD OPS
 3804 INCISION OF AORTA
 3805 THORACIC VESSEL INC NEC
 3806 ABDOMEN ARTERY INCISION
 3807 ABDOMINAL VEIN INCISION
 3814 ENDARTERECTOMY OF AORTA
 3815 THORACIC ENDARTERECTOMY
 3816 ABDOMINAL ENDARTERECTOMY
 3834 AORTA RESECTION & ANAST
 3835 THOR VESSEL RESECT/ANAST
 3836 ABD VESSEL RESECT/ANAST
 3837 ABD VEIN RESECT & ANAST
 3844 RESECT ABDM AORTA W REPL
 3845 RESECT THORAC VES W REPL
 3846 ABD ARTERY RESEC W REPLA
 3847 ABD VEIN RESECT W REPLAC
 3855 THORAC VAR V LIG-STRIP
 3864 EXCISION OF AORTA
 3865 THORACIC VESSEL EXCISION
 3866 ABDOMINAL ARTERY EXCIS
 3867 ABDOMINAL VEIN EXCISION
 3884 OCCLUDE AORTA NEC
 3885 OCCLUDE THORACIC VES NEC
 3886 OCCLUDE ABD ARTERY NEC
 3887 OCCLUDE ABD VEIN NEC
 390 SYSTEMIC-PULM ART SHUNT
 391 INTRA-ABD VENOUS SHUNT
 3921 CAVAL-PULMON ART ANASTOM
 3922 AORTA-SUBCLV-CAROT BYPAS
 3923 INTRATHORACIC SHUNT NEC
 3924 AORTA-RENAL BYPASS
 3925 AORTA-ILIAC-FEMOR BYPASS
 3926 INTRA-ABDOMIN SHUNT NEC
 3952 ANEURYSM REPAIR NEC
 3954 RE-ENTRY OPERATION

**DRG 113 MDC 5,
 AMPUTA FOR CIRC SYSTEM DX EXCEPT UPPER
 LIMB & TOE**

8410 LOWER LIMB AMPUTAT NOS
 8412 AMPUTATION THROUGH FOOT
 8413 DISARTICULATION OF ANKLE
 8414 AMPUTAT THROUGH MALLEOLI
 8415 BELOW KNEE AMPUTAT NEC
 8416 DISARTICULATION OF KNEE
 8417 ABOVE KNEE AMPUTATION
 8418 DISARTICULATION OF HIP
 8419 HINDQUARTER AMPUTATION
 8491 AMPUTATION NOS

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DRG 114 MDC 5, UPPER LIMB & TOE AMPUTA FOR CIRC SYSTEM DX

8400 UPPER LIMB AMPUTAT NOS
8401 FINGER AMPUTATION
8402 THUMB AMPUTATION
8403 AMPUTATION THROUGH HAND
8404 DISARTICULATION OF WRIST
8405 AMPUTATION THRU FOREARM
8406 DISARTICULATION OF ELBOW
8407 AMPUTATION THRU HUMERUS
8408 SHOULDER DISARTICULATION
8409 FOREQUARTER AMPUTATION
8411 TOE AMPUTATION
843 AMPUTATION STUMP REVIS

DRG 146 MDC 6, RECTAL RESECTION W CC

DRG 147 MDC 6, RECTAL RESECTION W/O CC

4841 SOAVE SUBMUC RECT RESECT
4849 PULL-THRU RECT RESEC NEC
485 ABD-PERINEAL RECT RESECT
4861 TRANSASAC RECTOSIGMOIDECT
4862 ANT RECT RESECT W COLOST
4863 ANTERIOR RECT RESECT NEC
4864 POSTERIOR RECT RESECTION
4865 DUHAMEL RECTAL RESECTION
4869 RECTAL RESECTION NEC
688 PELVIC EVISCERATION

DRG 148 MDC 6, MAJOR SMALL & LARGE BOWEL PROCS W CC

DRG 149 MDC 6, MAJOR SMALL & LARGE BOWEL PROCS W/O CC

4550 INTEST SEG ISOLAT NOS
4551 SM BOWEL SEGMENT ISOLAT
4552 LG BOWEL SEGMENT ISOLAT
4561 MULT SEG SM BOWEL EXCIS
4562 PART SM BOWEL RESECT NEC
4563 TOTAL REMOVAL SM BOWEL
4571 MULT SEG LG BOWEL EXCIS
4572 CECECTOMY
4573 RIGHT HEMICOLECTOMY
4574 TRANSVERSE COLON RESECT
4575 LEFT HEMICOLECTOMY
4576 SIGMOIDECTOMY
4579 PART LG BOWEL EXCIS NEC
458 TOT INTRA-ABD COLECTOMY
4590 INTESTINAL ANASTOM NOS
4591 SM-TO-SM BOWEL ANASTOM
4592 SM BOWEL-RECT STUMP ANAS
4593 SMALL-TO-LARGE BOWEL NEC
4594 LG-TO-LG BOWEL ANASTOM
4595 ANAL ANASTOMOSIS
4601 SM BOWEL EXTERIORIZATION
4602 RESECT EXT SEG SM BOWEL
4603 LG BOWEL EXTERIORIZATION
4604 RESECT EXT SEG LG BOWEL
4610 COLOSTOMY NOS
4611 TEMPORARY COLOSTOMY
4613 PERMANENT COLOSTOMY NEC
4620 ILEOSTOMY NOS
4621 TEMPORARY ILEOSTOMY
4622 CONTINENT ILEOSTOMY
4623 PERMANENT ILEOSTOMY NEC
4673 SMALL BOWEL SUTURE NEC
4674 CLOSE SM BOWEL FIST NEC
4675 SUTURE LG BOWEL LACERAT
4676 CLOSE LG BOWEL FISTULA
4679 REPAIR OF INTESTINE NEC
4680 INTRA-AB BOWEL MANIP NOS
4681 INTRA-ABD SM BOWEL MANIP

4682 INTRA-ABD LG BOWEL MANIP
4691 MYOTOMY OF SIGMOID COLON
4692 MYOTOMY OF COLON NEC
4693 REVISE SM BOWEL ANASTOM
4694 REVISE LG BOWEL ANASTOM
4699 INTESTINAL OP NEC
4792 CLOSE APPENDICEAL FISTUL
481 PROCTOSTOMY
4871 SUTURE OF RECTAL LACER
4872 CLOSURE OF PROCTOSTOMY
4874 RECTORECTOSTOMY
4875 ABDOMINAL PROCTOPEXY
4876 PROCTOPEXY NEC
7052 RECTOCELE REPAIR
7072 REPAIR COLOVAGIN FISTULA
7073 REPAIR RECTOVAG FISTULA
7074 REP VAGINOENT FISTUL NEC

DRG 150 MDC 6, PERITONEAL ADHESIOLYSIS W CC

DRG 151 MDC 6, PERITONEAL ADHESIOLYSIS W/O CC

545 PERITONEAL ADHESIOLYSIS
5451 LAP PERITON ADHESIOLYSIS@
5459 OTH PERITON ADHESIOLYSIS@

DRG 154 MDC 6, STOMACH, ESOPHAGEAL & DUODENAL PROCS AGE >17 W CC

DRG 155 MDC 6, STOMACH, ESOPHAGEAL & DUODENAL PROCS AGE >17 W/O CC

2931 CRICOPHARYNGEAL MYOTOMY
2932 PHARYNGEAL DIVERTICULEC
2933 PHARYNGECTOMY
2939 EXCIS/DESTR LES PHAR NEC
3173 TRACHEA FISTULA CLOS NEC
3805 THORACIC VESSEL INC NEC
3835 THOR VESSEL RESECT/ANAST
3845 RESECT THORAC VES W REPL
3865 THORACIC VESSEL EXCISION
3885 OCCLUDE THORACIC VES NEC
391 INTRA-ABD VENOUS SHUNT
4201 ESOPHAGEAL WEB INCISION
4209 ESOPHAGEAL INCISION NEC
4210 ESOPHAGOSTOMY NOS
4211 CERVICAL ESOPHAGOSTOMY
4212 ESOPH POUCH EXTERIORIZAT
4219 EXT FISTULIZAT ESOPH NEC
4221 ESOPHAGOSCOPY BY INCIS
4225 OPEN BIOPSY OF ESOPHAGUS
4231 LOC EXCIS ESOPH DIVERTIC
4232 LOCAL EXCIS ESOPHAG NEC
4239 DESTRUCT ESOPHAG LES NEC
4240 ESOPHAGECTOMY NOS
4241 PARTIAL ESOPHAGECTOMY
4242 TOTAL ESOPHAGECTOMY
4251 THORAC ESOPHAGUESOPHAGOS
4252 THORAC ESOPHAGOGASTROST
4253 THORAC SM BOWEL INTERPOS
4254 THORAC ESOPHAGOENTER NEC
4255 THORAC LG BOWEL INTERPOS
4256 THORAC ESOPHAGOCOLOS NEC
4258 THORAC INTERPOSITION NEC
4259 THORAC ESOPHAG ANAST NEC
4261 STERN ESOPHAGUESOPHAGOST
4262 STERN ESOPHAGOGASTROSTOM
4263 STERN SM BOWEL INTERPOS
4264 STERN ESOPHAGOENTER NEC
4265 STERN LG BOWEL INTERPOS
4266 STERN ESOPHAGOCOLOS NEC

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4268 STERN INTERPOSITION NEC
 4269 STERN ESOPHAG ANAST NEC
 427 ESOPHAGOMYOTOMY
 4282 SUTURE ESOPHAGEAL LACER
 4283 ESOPHAGOSTOMY CLOSURE
 4284 ESOPH FISTULA REPAIR NEC
 4285 ESOPHAG STRICTURE REPAIR
 4286 PROD SUBQ TUNNEL NO ANAS
 4287 ESOPHAGEAL GRAFT NEC
 4289 ESOPHAGEAL REPAIR NEC
 4291 LIGATION ESOPH VARIX
 430 GASTROTOMY
 433 PYLOROMYOTOMY
 4342 LOCAL GASTR EXCISION NEC
 4349 LOCAL GASTR DESTRUCT NEC
 435 PROXIMAL GASTRECTOMY
 436 DISTAL GASTRECTOMY
 437 PART GASTREC W JEJ ANAST
 4381 PART GAST W JEJ TRANSPOS
 4389 PARTIAL GASTRECTOMY NEC
 4391 TOT GAST W INTES INTERPO
 4399 TOTAL GASTRECTOMY NEC
 4400 VAGOTOMY NOS
 4401 TRUNCAL VAGOTOMY
 4402 HIGHLY SELECT VAGOTOMY
 4403 SELECTIVE VAGOTOMY NEC
 4411 TRANSABDOMIN GASTROSCOPY
 4415 OPEN GASTRIC BIOPSY
 4421 DILATE PYLORUS, INCISION
 4429 OTHER PYLOROPLASTY
 4431 HIGH GASTRIC BYPASS
 4439 GASTROENTEROSTOMY NEC
 4440 SUTURE PEPTIC ULCER NOS
 4441 SUT GASTRIC ULCER SITE
 4442 SUTURE DUODEN ULCER SITE
 445 REVISION GASTRIC ANASTOM
 4461 SUTURE GASTRIC LACERAT
 4463 CLOSE GASTRIC FISTUL NEC
 4464 GASTROPEXY
 4465 ESOPHAGOGASTROPLASTY
 4466 CREAT ESOPHAGASTR SPHINC
 4469 GASTRIC REPAIR NEC
 4491 LIGATE GASTRIC VARICES
 4492 INTRAOP GASTRIC MANIPUL
 4499 GASTRIC OPERATION NEC
 4501 DUODENAL INCISION
 4531 OTH EXCISE DUODENUM LES
 4532 DESTRUCT DUODEN LES NEC
 4671 DUODENAL LACERAT SUTURE
 4672 DUODENAL FISTULA CLOSURE
 5182 PANCREAT SPHINCTEROTOM
 5183 PANCREAT SPHINCTEROPLAS
 527 RAD PACREATICODUODENECT
 537 ABD REPAIR-DIAPHR HERNIA
 5380 THOR REP-DIAPH HERN NOS
 5381 DIAPHRAGMATIC PPLICATION
 5382 PARASTERN HERNIA REPAIR

**DRG 159 MDC 6, HERNIA PROCS EXCEPT
 INGUINAL & FEMORAL AGE >17 W CC**
**DRG 160 MDC 6,
 HERNIA PROCS EXCEPT INGUINAL & FEMORAL
 AGE >17 W/O CC**
 5341 UMBIL HERNIA REPAIR-GRFT
 5349 UMBIL HERNIA REPAIR NEC
 5351 INCISIONAL HERNIA REPAIR
 5359 ABD WALL HERN REPAIR NEC
 5361 INCIS HERNIA REPAIR-GRFT
 5369 ABD HERN REPAIR-GRFT NEC
 539 OTHER HERNIA REPAIR
 5471 REPAIR OF GASTROSCHISIS

5472 ABDOMEN WALL REPAIR NEC

**DRG 164 MDC 6, APPENDECTOMY W
 COMPLICATED PRINCIPAL DIAG W CC**
**DRG 165 MDC 6,
 APPENDECTOMY W COMPLICATED PRINCIPAL
 DIAG W/O CC**
 470 APPENDECTOMY
 4701 LAP APPENDECTOMY#
 4709 OTHER APPENDECTOMY#
 472 DRAIN APPENDICEAL ABSC
 4799 APPENDICEAL OPS NEC

**DRG 166 MDC 6, APPENDECTOMY W/O
 COMPLICATED PRINCIPAL DIAG W CC**
**DRG 167 MDC 6,
 APPENDECTOMY W/O COMPLICATED
 PRINCIPAL DIAG W/O CC**
 470 APPENDECTOMY
 4701 LAP APPENDECTOMY#
 4709 OTHER APPENDECTOMY#
 472 DRAIN APPENDICEAL ABSC
 4799 APPENDICEAL OPS NEC

**DRG 191 MDC 7, PANCREAS,
 LIVER & SHUNT PROCS W CC**
**DRG 192 MDC 7, PANCREAS,
 LIVER & SHUNT PROCS W/O CC**
 391 INTRA-ABD VENOUS SHUNT
 500 HEPATOTOMY
 5021 MARSUPIALIZAT LIVER LES
 5022 PARTIAL HEPATECTOMY
 5029 DESTRUC HEPATIC LES NEC
 503 HEPATIC LOBECTOMY
 504 TOTAL HEPATECTOMY
 5061 CLOSURE LIVER LACERAT
 5069 LIVER REPAIR NEC
 5143 CHOLEDOCHOHEPAT INTUBAT
 5182 PANCREAT SPHINCTEROTOM
 5183 PANCREAT SPHINCTEROPLAS
 5201 CATH DRAIN-PANCREAT CYST
 5209 PANCREATOTOMY NEC
 5222 OTHER DESTRU PANCREA LES
 523 PANCREAT CYST MARSUPIALI
 524 INT DRAIN PANCREAT CYST
 5251 PROXIMAL PANCREATECTOMY
 5252 DISTAL PANCREATECTOMY
 5253 RAD SUBTOT PANCREATECTOM
 5259 PARTIAL PANCREATECT NEC
 526 TOTAL PANCREATECTOMY
 527 RAD PANCREATICODUODENECT
 5280 PANCREAT TRANSPLANT NOS
 5281 REIMPLANT PANCREATIC TIS
 5282 PANCREATIC HOMOTRANSPLAN
 5283 PANCREATIC HETEROTRANSPL
 5292 CANNULATION PANCREA DUC
 5295 PANCREATIC REPAIR NEC
 5296 PANCREATIC ANASTOMOSIS
 5299 PANCREATIC OPERATION NEC
 5494 CREAT PERITONEOVAS SHUNT

**DRG 193 MDC 7,
 BILIARY TRACT PROC, NOT CHOLECYST W OR
 W/O C.D.E. W CC**
**DRG 194 MDC 7,
 BILIA TRACT PROC, NOT CHOLECYST W OR
 W/O C.D.E. W/O CC**
 5102 TROCAR CHOLECYSTOSTOMY
 5103 CHOLECYSTOSTOMY NEC
 5104 CHOLECYSTOTOMY NEC
 5122 TOTAL CHOLECYSTECTOMY

ICD-9-CM Procedure Codes for Major Surgery DRGs

5123 LAP CHOLE
 5131 GB-TO-HEPAT DUCT ANAST
 5132 GB-TO-INTESTINE ANASTOM
 5133 GB-TO-PANCREAS ANASTOM
 5134 GB-TO-STOMACH ANASTOMOS
 5135 GALLBLADDER ANASTOM NEC
 5136 CHOLEDOCHOENTEROSTOMY
 5137 HEPATIC DUCT-GI ANASTOM
 5139 BILE DUCT ANASTOMOS NEC
 5141 CDE FOR CALCULUS REMOV
 5142 CDE FOR OBSTRUCTION NEC
 5149 INCIS OBSTR BILE DUC NEC
 5151 COMMON DUCT EXPLORATION
 5159 BILE DUCT INCISION NEC
 5161 EXCIS CYST DUCT REMNANT
 5162 EXCIS AMPULLA OF VATER
 5163 COMMON DUCT EXCIS NEC
 5169 BILE DUCT EXCISION NEC
 5171 SIMPLE SUT-COMMON DUCT
 5172 CHOLEDOCHOPLASTY
 5179 BILE DUCT REPAIR NEC
 5181 SPHINCTER OF ODDI DILAT
 5189 SPHINCT OF ODDI OP NEC
 5191 REPAIR GB LACERATION
 5192 CLOSURE CHOLECYSTOSTOMY
 5193 CLOS BILIARY FISTUL NEC
 5194 REVIS BILE TRACT ANASTOM
 5195 REMOVE BILE DUCT PROSTH
 5199 BILIARY TRACT OP NEC

**DRG 195 MDC 7,
 CHOLECYSTECTOMY W C.D.E. W CC**

**DRG 196 MDC 7,
 CHOLECYSTECTOMY W C.D.E. W/O CC**

5121 OTH PART CHOLECYSTECTOMY#
 5122 TOTAL CHOLECYSTECTOMY
 5123 LAP CHOLE
 5124 LAP PART CHOLECYSTECTOMY#
 5141 CDE FOR CALCULUS REMOV
 5142 CDE FOR OBSTRUCTION NEC
 5151 COMMON DUCT EXPLORATION

**DRG 197 MDC 7,
 CHOLECYSTECTOMY W/O C.D.E. W CC**

**DRG 198 MDC 7,
 CHOLECYSTECTOMY W/O C.D.E. W/O CC**

5121 OTH PART CHOLECYSTECTOMY#
 5122 TOTAL CHOLECYSTECTOMY
 5123 LAP CHOLE

**DRG 199 MDC 7,
 HEPATOBIILIARY DIAGNOSTIC PROC FOR
 MALIGNANCY**

4411 TRANSABDOMIN GASTROSCOPY
 5012 OPEN LIVER BIOPSY
 5019 HEPATIC DX PROC NEC
 5113 OPEN BILIARY TRACT BX
 5119 BILIARY TR DX PROC NEC
 5212 OPEN PANCREATIC BIOPSY
 5219 PANCREATIC DX PROC NEC
 5411 EXPLORATORY LAPAROTOMY
 5419 LAPAROTOMY NEC
 5421 LAPAROSCOPY
 5423 PERITONEAL BIOPSY
 5429 ABD REGION DX PROC NEC
 8753 INTRAOPER CHOLANGIOGRAM

**DRG 200 MDC 7,
 HEPATOBIILIARY DIAGNOSTIC PROC FOR
 NON-MALIGNANCY**

4411 TRANSABDOMIN GASTROSCOPY
 5012 OPEN LIVER BIOPSY
 5019 HEPATIC DX PROC NEC
 5113 OPEN BILIARY TRACT BX
 5119 BILIARY TR DX PROC NEC
 5212 OPEN PANCREATIC BIOPSY
 5219 PANCREATIC DX PROC NEC
 5411 EXPLORATORY LAPAROTOMY
 5419 LAPAROTOMY NEC
 5421 LAPAROSCOPY
 5423 PERITONEAL BIOPSY
 5429 ABD REGION DX PROC NEC
 8753 INTRAOPER CHOLANGIOGRAM

**DRG 209 MDC 8,
 MAJOR JOINT & LIMB REATTACH PROCS OF
 LOWER EXTREMITY**

8151 TOTAL HIP REPLACEMENT
 8152 PARTIAL HIP REPLACEMENT
 8153 REVISE HIP REPLACEMENT
 8154 TOTAL KNEE REPLACEMENT
 8155 REVISE KNEE REPLACEMENT
 8156 TOTAL ANKLE REPLACEMENT
 8426 FOOT REATTACHMENT
 8427 LOWER LEG/ANKLE REATTACH
 8428 THIGH REATTACHMENT

**DRG 210 MDC 8,
 HIP & FEMUR PROCS EXCEPT MAJOR JOINT
 AGE >17 W CC**

**DRG 211 MDC 8,
 HIP & FEMUR PROCS EXCEPT MAJOR JOINT
 AGE >17 W/O CC**

7705 FEMORAL SEQUESTRECTOMY
 7725 FEMORAL WEDGE OSTEOTOMY
 7735 FEMORAL DIVISION NEC
 7785 PART OSTECTOMY-FEMUR
 7795 TOT OSTECTOMY-FEMUR
 7805 BONE GRAFT TO FEMUR
 7815 APPLE EXT FIX-FEMUR
 7825 EPIPHYSEAL STAPLE-FEMUR
 7835 FEMUR LENGTH CHANGE
 7845 OTH FEMUR REPAIR/PLASTIC
 7855 INTERNAL FIXATION-FEMUR
 7875 OSTEOCLASIS-FEMUR
 7895 INSERT BONE STIM-FEMUR
 7915 CLOSED RED-INT FIX FEMUR
 7925 OPEN REDUCTION-FEMUR FX
 7935 OPEN REDUC-INT FIX FEMUR
 7945 CLOSE REDUC-FEMUR EPIPHY
 7955 OPN RED-SEP EPIPHY-FEMUR
 7965 DEBRID OPN FX-FEMUR
 7985 OPEN REDUC-HIP DISLOCAT
 7995 FEMUR INJURY OP NOS
 8005 ARTHROT/PROS REMOV-HIP
 8015 OTH ARTHROTOMY-HIP
 8045 HIP STRUCTURE DIVISION
 8075 HIP SYNOVECTOMY
 8095 EXCISION OF HIP NEC
 8121 ARTHRODESIS OF HIP
 8140 REPAIR OF HIP, NEC
 8312 ADDUCTOR TENOTOMY OF HIP

**DRG 213 MDC 8,
 AMPUTA FOR MUSCULOSKELETAL SYSTEM &
 CONN TISSUE DX**

8400 UPPER LIMB AMPUTAT NOS
 8403 AMPUTATION THROUGH HAND

ICD-9-CM Procedure Codes for Major Surgery DRGs

**DRG 226 MDC 8,
SOFT TISSUE PROCS W CC**

**DRG 227 MDC 8,
SOFT TISSUE PROCS W/O CC**
543 DESTRUCT ABD WALL LESION
8070 SYNOVECTOMY-SITE NOS
8079 SYNOVECTOMY-SITE NEC
8195 SUTUR CAPSUL/LIG LEG NEC
8301 TENDON SHEATH EXPLORAT
8302 MYOTOMY
8303 BURSOTOMY
8309 SOFT TISSUE INCISION NEC
8313 OTHER TENOTOMY
8314 FASCIOTOMY
8319 SOFT TISSUE DIVISION NEC
8321 SOFT TISSUE BIOPSY
8329 SOFT TISSUE DX PROC NEC
8331 EXCIS LES TENDON SHEATH
8332 EXCIS LESION OF MUSCLE
8339 EXC LES SOFT TISSUE NEC
8341 TENDON EXCISION FOR GRFT
8342 OTHER TENONECTOMY
8343 MUSC/FASC EXCIS FOR GRFT
8344 OTHER FASCIECTOMY
8345 OTHER MYECTOMY
8349 OTHER SOFT TISSUE EXCIS
835 BURSECTOMY
8361 TENDON SHEATH SUTURE
8362 DELAYED TENDON SUTURE
8364 OTHER SUTURE OF TENDON
8365 OTHER MUSCLE/FASC SUTURE
8371 TENDON ADVANCEMENT
8372 TENDON RECESSIO
8373 TENDON REATTACHMENT
8374 MUSCLE REATTACHMENT
8375 TENDON TRNSFR/TRANSPLANT
8376 OTHER TENDON TRANSPOSIT
8377 MUSCLE TRNSFR/TRANSPLANT
8379 OTHER MUSCLE TRANSPOSIT
8381 TENDON GRAFT
8382 MUSCLE OR FASCIA GRAFT
8383 TENDON PULLEY RECONSTRUC
8385 MUSC/TEND LNG CHANGE NEC
8386 QUADRICEPSPLASTY
8387 OTHER PLASTIC OPS MUSCLE
8388 OTHER PLASTIC OPS TENDON
8389 OTHER PLASTIC OPS FASCIA
8391 ADHESIOLYSIS MUS/TEN/FAS
8392 INSERT SKEL MUSC STIMULA
8393 REMOV SKEL MUSC STIMULAT
8399 MUS/TEN/FAS/BUR OP NEC
864 RADICAL EXCIS SKIN LES
8681 REPAIR FACIAL WEAKNESS

**DRG 230 MDC 8,
LOCAL EXCIS & REMOVAL OF INT FIX DEVICES
OF HIP & FEMUR**

7715 OTHER FEMORAL INCISION
7765 LOC EXC BONE LES FEMUR
7775 EXCISE FEMUR FOR GRAFT
7865 REMOVE IMP DEVICE-FEMUR
8085 DESTRUCT-HIP LESION NEC

**DRG 231 MDC 8,
LOCAL EXCIS & REMOVAL OF INT FIX DEVICE,
NOT HIP/FEMUR**

016 EXCISE SKULL LESION
344 DESTRUCT CHEST WALL LES
7609 FACIAL BONE INCISION NEC
762 DESTRUCT FACIAL BONE LES
7697 REMOVE INT FIX FACE BONE

7710 OTHER BONE INCISION NOS
7711 OTHER CHEST CAGE INCIS
7712 OTHER HUMERUS INCISION
7713 OTHER RADIUS/ULNA INCIS
7716 OTHER PATELLAR INCISION
7717 OTHER TIBIA/FIBULA INCIS
7719 BONE INCIS W/O DIV NEC
7760 LOC EXC BONE LESION NOS
7761 EXC CHEST CAGE BONE LES
7762 LOC EXC BONE LES HUMERUS
7763 LOC EXC LES RADIUS/ULNA
7766 LOC EXC BONE LES PATELLA
7767 LOC EXC LES TIBIA/FIBULA
7769 LOC EXC BONE LESION NEC
7770 EXCISE BONE FOR GRFT NOS
7771 EX CHEST CAGE BONE-GFT
7772 EXCISE HUMERUS FOR GRAFT
7773 EXCIS RADIUS/ULNA-GRAFT
7776 EXCISE PATELLA FOR GRAFT
7777 EXCISE TIB/FIB FOR GRAFT
7779 EXCISE BONE FOR GFT NEC
7860 REMOVE IMP DEVICE NOS
7861 REMOV IMP DEV-CHEST CAGE
7862 REMOVE IMPL DEV-HUMERUS
7863 REMOV IMP DEV-RADIUS/ULN
7864 REMOV IMP DEV-METAC/CARP
7866 REMOV IMP DEVICE-PATELLA
7867 REMOV IMP DEV-TIB/FIBULA
7868 REMOVE IMP DEV-METAT/TAR
7869 REMOVE IMPL DEVICE NEC
8000 ARTHROT & PROS REMOV NOS
8001 ARTHROT/PROS REMOV-SHLDR
8002 ARTHROT/PROS REMOV-ELBOW
8003 ARTHROT/PROS REMOV-WRIST
8004 ARTHROT/PROS REMOV-HAND
8006 ARTHROT/PROS REMOV-KNEE
8007 ARTHROT/PROS REMOV-ANKLE
8008 ARTHROT/PROS REMOV-FOOT
8009 ARTHROT & PROS REMOV NEC
8080 DESTRUCT JOINT LES NOS
8081 DESTRUC-SHOULDER LES NEC
8082 DESTRUC-ELBOW LESION NEC
8086 DESTRUCT-KNEE LESION NEC
8089 DESTRUCT JOINT LES NEC

**DRG 257 MDC 9,
TOTAL MASTECTOMY FOR MALIGNANCY W CC**

**DRG 258 MDC 9,
TOTAL MASTECTOMY FOR MALIGNANCY W/O
CC**

8531 UNILAT REDUCT MAMMOPLAST
8532 BILAT REDUCT MAMMOPLASTY
8533 UNIL SUBQ MAMMECT-IMPLNT
8534 UNILAT SUBQ MAMMECT NEC
8535 BIL SUBQ MAMMECT-IMPLANT
8536 BILAT SUBQ MAMMECTOM NEC
8541 UNILAT SIMPLE MASTECTOMY
8542 BILAT SIMPLE MASTECTOMY
8543 UNILAT EXTEN SIMP MASTEC
8544 BILAT EXTEND SIMP MASTEC
8545 UNILAT RADICAL MASTECTOM
8546 BILAT RADICAL MASTECTOMY
8547 UNIL EXT RAD MASTECTOMY
8548 BIL EXTEN RAD MASTECTOMY
857 TOTAL BREAST RECONSTRUCT

ICD-9-CM Procedure Codes for Major Surgery DRGs

**DRG 259 MDC 9,
SUBTOTAL MASTECTOMY FOR MALIGNANCY
W CC**

**DRG 260 MDC 9,
SUBTOTAL MASTECTOMY FOR MALIGNANCY
W/O CC**

8512 OPEN BREAST BIOPSY
8520 BREAST TISSU DESTRUC NOS
8521 LOCAL EXCIS BREAST LES
8522 QUADRANT RESECT BREAST
8523 SUBTOTAL MASTECTOMY
8524 EXC ECTOPIC BREAST TISSU
8525 EXCISION OF NIPPLE
8550 AUGMENT MAMMOPLASTY NOS
8553 UNILAT BREAST IMPLANT
8554 BILATERAL BREAST IMPLANT
856 MASTOPEXY
8586 TRANSPOSITION OF NIPPLE
8587 NIPPLE REPAIR NEC
8589 MAMMOPLASTY NEC
8593 BREAST IMPLANT REVISION
8594 BREAST IMPLANT REMOVAL
8595 INSER BREAST TISSU EXPAN
8596 REMOV BREAST TISSU EXPAN
8599 BREAST OPERATION NEC

**DRG 261 MDC 9,
BREAST PROC FOR NON-MALIG, NOT BIOPSY &
LOCAL EXCISION**

8522 QUADRANT RESECT BREAST
8523 SUBTOTAL MASTECTOMY
8524 EXC ECTOPIC BREAST TISSU
8525 EXCISION OF NIPPLE
8531 UNILAT REDUCT MAMMOPLAST
8532 BILAT REDUCT MAMMOPLASTY
8533 UNIL SUBQ MAMMECT-IMPLNT
8534 UNILAT SUBQ MAMMECT NEC
8535 BIL SUBQ MAMMECT-IMPLANT
8536 BILAT SUBQ MAMMECTOM NEC
8541 UNILAT SIMPLE MASTECTOMY
8542 BILAT SIMPLE MASTECTOMY
8543 UNILAT EXTEN SIMP MASTEC
8544 BILAT EXTEND SIMP MASTEC
8545 UNILAT RADICAL MASTECTOM
8546 BILAT RADICAL MASTECTOMY
8547 UNIL EXT RAD MASTECTOMY
8548 BIL EXTEN RAD MASTECTOMY
8550 AUGMENT MAMMOPLASTY NOS
8553 UNILAT BREAST IMPLANT
8554 BILATERAL BREAST IMPLANT
856 MASTOPEXY
857 TOTAL BREAST RECONSTRUCT
8586 TRANSPOSITION OF NIPPLE
8587 NIPPLE REPAIR NEC
8589 MAMMOPLASTY NEC
8593 BREAST IMPLANT REVISION
8594 BREAST IMPLANT REMOVAL
8595 INSER BREAST TISSU EXPAN
8596 REMOV BREAST TISSU EXPAN
8599 BREAST OPERATION NEC

**DRG 263 MDC 9,
SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR
CELLULITIS W CC**

8667 DERMAL REGEN GRAFT&

**DRG 264 MDC 9,
SKIN GRAFT &/OR DEBRID FOR SKN ULCER,
CELLULIT W/O CC**

8582 BREAST SPLIT-THICK GRAFT
8583 BREAST FULL-THICK GRAFT

8584 BREAST PEDICLE GRAFT
8585 BREAST MUSCLE FLAP GRAFT
8622 EXC WOUND DEBRIDEMENT
864 RADICAL EXCIS SKIN LES
8660 FREE SKIN GRAFT NOS
8661 FULL-THICK HAND SKIN GRF
8662 HAND SKIN GRAFT NEC
8663 FULL-THICK SKIN GRFT NEC
8665 HETEROGRAFT TO SKIN
8666 HOMOGRAFT TO SKIN
8667 DERMAL REGEN GRAFT&
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
8691 SKIN EXCISION FOR GRAFT
8693 INSERT TISSUE EXPANDER

**DRG 265 MDC 9,
SKIN GRAFT &/OR DEBRID, NOT SKIN
ULCER/CELLULITIS W CC**

8667 DERMAL REGEN GRAFT&

**DRG 266 MDC 9,
SKIN GRAFT &/OR DEBRID, NOT SKIN
ULCER/CELLULITIS W/O CC**

8582 BREAST SPLIT-THICK GRAFT
8583 BREAST FULL-THICK GRAFT
8584 BREAST PEDICLE GRAFT
8585 BREAST MUSCLE FLAP GRAFT
8622 EXC WOUND DEBRIDEMENT
864 RADICAL EXCIS SKIN LES
8660 FREE SKIN GRAFT NOS
8661 FULL-THICK HAND SKIN GRF
8662 HAND SKIN GRAFT NEC
8663 FULL-THICK SKIN GRFT NEC
8665 HETEROGRAFT TO SKIN
8666 HOMOGRAFT TO SKIN
8667 DERMAL REGEN GRAFT&
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
8691 SKIN EXCISION FOR GRAFT
8693 INSERT TISSUE EXPANDER

**DRG 285 MDC 10,
AMPUTAT LOWER LIMB FOR
ENDOCR,NUTRIT,& METABOL DX**

8410 LOWER LIMB AMPUTAT NOS
8411 TOE AMPUTATION
8412 AMPUTATION THROUGH FOOT
8413 DISARTICULATION OF ANKLE
8414 AMPUTAT THROUGH MALLEOLI
8415 BELOW KNEE AMPUTAT NEC
8416 DISARTICULATION OF KNEE
8417 ABOVE KNEE AMPUTATION

**DRG 286 MDC 10,
ADRENAL & PITUITARY PROCS**

0700 ADRENAL EXPLORATION NOS
0701 UNILAT ADRENAL EXPLORAT
0702 BILAT ADRENAL EXPLORAT
0712 OPEN ADRENAL GLAND BX
0713 TRANSFRONT PITUITARY BX

ICD-9-CM Procedure Codes for Major Surgery DRGs

0714 TRANSPHEN PITUITARY BX
 0715 PITUITARY BIOPSY NOS
 0717 PINEAL BIOPSY
 0719 ENDOCRINE DX PROC NEC
 0721 ADRENAL LESION EXCISION
 0722 UNILATERAL ADRENALECTOMY
 0729 PART ADRENALECTOMY NEC
 073 BILATERAL ADRENALECTOMY
 0741 ADRENAL INCISION
 0742 ADRENAL NERVE DIVISION
 0743 ADRENAL VESSEL LIGATION
 0744 ADRENAL REPAIR
 0745 ADRENAL REIMPLANTATION
 0749 ADRENAL OPERATION NEC
 0751 PINEAL FIELD EXPLORATION
 0752 PINEAL GLAND INCISION
 0753 PARTIAL PINEALECTOMY
 0754 TOTAL PINEALECTOMY
 0759 PINEAL OPERATION NEC
 0761 EXC PITUIT LES-TRANSFRON
 0762 EXC PITUIT LES-TRANSPHEN
 0763 PART EXCIS PITUITARY NOS
 0764 TOT EXC PITUIT-TRANSFRON
 0765 TOT EXC PITUIT-TRANSPHEN
 0768 TOTAL EXC PITUITARY NEC
 0769 TOTAL EXC PITUITARY NOS
 0771 PITUITARY FOSSA EXPLORAT
 0772 PITUITARY GLAND INCISION
 0779 PITUITARY OPERATION NEC

**DRG 287 MDC 10,
 SKIN GRAFT/WOUND DEBRID FOR
 ENDOC,NUTRIT & METAB DX**

843 AMPUTATION STUMP REVIS
 8622 EXC WOUND DEBRIDEMENT
 8660 FREE SKIN GRAFT NOS
 8663 FULL-THICK SKIN GRFT NEC
 8667 DERMAL REGEN GRAFT&
 8669 FREE SKIN GRAFT NEC
 8670 PEDICLE GRAFT/FLAP NOS
 8671 CUT & PREP PEDICLE GRAFT
 8672 PEDICLE GRAFT ADVANCEMEN
 8674 ATTACH PEDICLE GRAFT NEC
 8675 REVISION OF PEDICLE GRFT
 8691 SKIN EXCISION FOR GRAFT
 8693 INSERT TISSUE EXPANDER

**DRG 288 MDC 10,
 O.R. PROCS FOR OBESITY**

4431 HIGH GASTRIC BYPASS
 4439 GASTROENTEROSTOMY NEC
 445 REVISION GASTRIC ANASTOM
 4469 GASTRIC REPAIR NEC
 4499 GASTRIC OPERATION NEC
 4590 INTESTINAL ANASTOM NOS
 4591 SM-TO-SM BOWEL ANASTOM
 8531 UNILAT REDUCT MAMMOPLAST
 8532 BILAT REDUCT MAMMOPLASTY
 8683 SIZE REDUCT PLASTIC OP
 8689 SKIN REPAIR & PLASTY NEC

**DRG 289 MDC 10,
 PARATHYROID PROCS**

0613 PARATHYROID BIOPSY
 0681 TOTAL PARATHYROIDECTOMY
 0689 OTHER PARATHYROIDECTOMY
 0699 OTHER PARATHYROID OPS

**DRG 290 MDC 10,
 THYROID PROCS**

0602 REOPEN THYROID FIELD WND

0609 INCIS THYROID FIELD NEC
 0612 OPEN THYROID GLAND BX
 0619 THYR/PARATHY DX PROC NEC
 062 UNILAT THYROID LOBECTOMY
 0631 EXCISION THYROID LESION
 0639 PART THYROIDECTOMY NEC
 064 COMPLETE THYROIDECTOMY
 0650 SUBSTERN THYROIDECT NOS
 0651 PART SUBSTERN THYROIDECT
 0652 TOT SUBSTERN THYROIDECT
 066 LINGUAL THYROID EXCISION
 0691 THYROID ISTHMUS DIVISION
 0692 THYROID VESSEL LIGATION
 0693 THYROID SUTURE
 0694 THYROID REIMPLANTATION
 0695 PARATHYROID REIMPLANT
 0698 OTHER THYROID OPERATIONS

**DRG 302 MDC 11,
 KIDNEY TRANSPLANT**

5569 KIDNEY TRANSPLANT NEC

**DRG 303 MDC 11,
 KIDNEY,URETER & MAJOR BLADDER PROCS
 FOR NEOPLASM**

3924 AORTA-RENAL BYPASS
 3926 INTRA-ABDOMIN SHUNT NEC
 3955 REIMPLAN ABERR RENAL VES
 4052 RAD DISSEC PERIAORT NODE
 4053 RAD DISSECT ILIAC NODES
 4054 RADICAL GROIN DISSECTION
 4059 RAD NODE DISSECTION NEC
 5501 NEPHROTOMY
 5502 NEPHROSTOMY
 5503 PERCU NEPHROSTM W/O FRAG
 5504 PERCU NEPHROSTMY W FRAG
 5511 PYELOTOMY
 5512 PYELOSTOMY
 5524 OPEN RENAL BIOPSY
 5529 RENAL DIAGNOST PROC NEC
 5531 RENAL LES MARSUPIALIZAT
 5539 LOC DESTR RENAL LES NEC
 554 PARTIAL NEPHRECTOMY
 5551 NEPHROURETERECTOMY
 5552 SOLITARY KIDNEY NEPHRECT
 5553 REJECTED KIDNEY NEPHRECT
 5554 BILATERAL NEPHRECTOMY
 5561 RENAL AUTOTRANSPLANT
 557 NEPHROPEXY
 5581 SUTURE KIDNEY LACERATION
 5582 CLOSE NEPHROST & PYELOST
 5583 CLOSE RENAL FISTULA NEC
 5584 REDUCE RENAL PEDICL TORS
 5585 SYMPHYSIOTOMY
 5586 RENAL ANASTOMOSIS
 5587 CORRECT URETEROPELV JUNC
 5589 RENAL REPAIR NEC
 5591 RENAL DECAPSULATION
 5597 IMPLANT MECHANIC KIDNEY
 5598 REMOV MECHANICAL KIDNEY
 5599 RENAL OPERATION NEC
 561 URETERAL MEATOTOMY
 562 URETEROTOMY
 5634 OPEN URETERAL BIOPSY
 5639 URETERAL DX PROCEDUR NEC
 5640 URETERECTOMY NOS
 5641 PARTIAL URETERECTOMY
 5642 TOTAL URETERECTOMY
 5651 FORM CUTAN ILEOURETEROST
 5652 REVIS CUTAN ILEOURETEROS
 5661 FORM CUTAN URETEROSTOMY

ICD-9-CM Procedure Codes for Major Surgery DRGs

5662 REVIS CUTAN URETEROS NEC
 5671 URIN DIVERSION TO BOWEL
 5672 REVIS URETEROENTEROSTOMY
 5673 NEPHROCYSTANASTOMOSI NOS
 5674 URETERONEOCYSTOSTOMY
 5675 TRANSURETEROURETEROSTOMY
 5679 URETERAL ANASTOMOSIS NEC
 5681 INTRALUM URETE ADHESIOLY
 5682 SUTURE URETERAL LACERAT
 5683 URETEROSTOMY CLOSURE
 5684 CLOSE URETER FISTULA NEC
 5685 URETEROPEXY
 5686 REMOVE URETERAL LIGATURE
 5689 REPAIR OF URETER NEC
 5692 IMPLANT URETERAL STIMUL
 5693 REPLACE URETERAL STIMUL
 5694 REMOVE URETERAL STIMULAT
 5695 LIGATION OF URETER
 5699 URETERAL OPERATION NEC
 5771 RADICAL CYSTECTOMY
 5779 TOTAL CYSTECTOMY NEC
 5900 RETROPERIT DISSECT NOS
 5901 URETEROLYS FOR FIBROSIS
 5902 PERIREN ADHESIOLYS NEC
 5903 LAP LYS PERIREN/URET ADH#
 5909 PERIREN/URETER INCIS NEC

**DRG 304 MDC 11,
 KIDNEY, URETER & MAJOR BLADDER PR FOR
 NON-NEOPL W CC**

**DRG 305 MDC 11,
 KIDNEY, URETE & MAJOR BLADDER PR FOR
 NON-NEOPL W/O CC**

3924 AORTA-RENAL BYPASS
 3926 INTRA-ABDOMIN SHUNT NEC
 3955 REIMPLAN ABERR RENAL VES
 4052 RAD DISSEC PERIAORT NODE
 4053 RAD DISSECT ILIAC NODES
 4054 RADICAL GROIN DISSECTION
 4059 RAD NODE DISSECTION NEC
 5501 NEPHROTOMY
 5502 NEPHROSTOMY
 5503 PERCU NEPHROSTM W/O FRAG
 5504 PERCU NEPHROSTM W FRAG
 5511 PYELOTOMY
 5512 PYELOSTOMY
 5524 OPEN RENAL BIOPSY
 5529 RENAL DIAGNOST PROC NEC
 5531 RENAL LES MARSUPIALIZAT
 5539 LOC DESTR RENAL LES NEC
 554 PARTIAL NEPHRECTOMY
 5551 NEPHROURETERECTOMY
 5552 SOLITARY KIDNEY NEPHRECT
 5553 REJECTED KIDNEY NEPHRECT
 5554 BILATERAL NEPHRECTOMY
 5561 RENAL AUTOTRANSPLANT
 557 NEPHROPEXY
 5581 SUTURE KIDNEY LACERATION
 5582 CLOSE NEPHROST & PYELOST
 5583 CLOSE RENAL FISTULA NEC
 5584 REDUCE RENAL PEDICL TORS
 5585 SYMPHYSIOTOMY
 5586 RENAL ANASTOMOSIS
 5587 CORRECT URETEROPELV JUNC
 5589 RENAL REPAIR NEC
 5591 RENAL DECAPSULATION
 5597 IMPLANT MECHANIC KIDNEY
 5598 REMOV MECHANICAL KIDNEY
 5599 RENAL OPERATION NEC
 561 URETERAL MEATOTOMY
 562 URETEROTOMY

5634 OPEN URETERAL BIOPSY
 5639 URETERAL DX PROCEDUR NEC
 5640 URETERECTOMY NOS
 5641 PARTIAL URETERECTOMY
 5642 TOTAL URETERECTOMY
 5651 FORM CUTAN ILEOURETEROST
 5652 REVIS CUTAN ILEOURETEROS
 5661 FORM CUTAN URETEROSTOMY
 5662 REVIS CUTAN URETEROS NEC
 5671 URIN DIVERSION TO BOWEL
 5672 REVIS URETEROENTEROSTOMY
 5673 NEPHROCYSTANASTOMOSI NOS
 5674 URETERONEOCYSTOSTOMY
 5675 TRANSURETEROURETEROSTOMY
 5679 URETERAL ANASTOMOSIS NEC
 5681 INTRALUM URETE ADHESIOLY
 5682 SUTURE URETERAL LACERAT
 5683 URETEROSTOMY CLOSURE
 5684 CLOSE URETER FISTULA NEC
 5685 URETEROPEXY
 5686 REMOVE URETERAL LIGATURE
 5689 REPAIR OF URETER NEC
 5692 IMPLANT URETERAL STIMUL
 5693 REPLACE URETERAL STIMUL
 5694 REMOVE URETERAL STIMULAT
 5695 LIGATION OF URETER
 5699 URETERAL OPERATION NEC
 5771 RADICAL CYSTECTOMY
 5779 TOTAL CYSTECTOMY NEC
 5900 RETROPERIT DISSECT NOS
 5901 URETEROLYS FOR FIBROSIS
 5902 PERIREN ADHESIOLYS NEC
 5903 LAP LYS PERIREN/URET ADH#
 5909 PERIREN/URETER INCIS NEC

**DRG 306 MDC 11,
 PROSTATECTOMY W CC**

**DRG 307 MDC 11,
 PROSTATECTOMY W/O CC**

602 TRANSURETHRAL PROSTATECT
 6021 TRANSURETH PROSTATECTOMY%
 6029 OTH TRANSURETH PROSTATEC%
 603 SUPRAPUBIC PROSTATECTOMY
 604 RETROPUBIC PROSTATECTOMY
 605 RADICAL PROSTATECTOMY
 6062 PERINEAL PROSTATECTOMY
 6069 PROSTATECTOMY NEC

**DRG 310 MDC 11,
 TRANSURETHRAL PROCS W CC**

**DRG 311 MDC 11,
 TRANSURETHRAL PROCS W/O CC**

560 TU REMOV URETER OBSTRUCT
 5733 CLOS TRANSURETH BLADD BX
 5741 TU ADHESIOLYSIS BLADDER
 5749 TU DESTRUC BLADD LES NEC
 6012 OPEN PROSTATIC BIOPSY
 6095 TRANS BAL DIL PROS URETH

**DRG 334 MDC 12,
 MAJOR MALE PELVIC PROCS W CC**

**DRG 335 MDC 12,
 MAJOR MALE PELVIC PROCS W/O CC**

4052 RAD DISSEC PERIAORT NODE
 4053 RAD DISSECT ILIAC NODES
 4054 RADICAL GROIN DISSECTION
 4059 RAD NODE DISSECTION NEC
 4869 RECTAL RESECTION NEC
 5411 EXPLORATORY LAPAROTOMY
 576 PARTIAL CYSTECTOMY
 5771 RADICAL CYSTECTOMY

ICD-9-CM Procedure Codes for Major Surgery DRGs

5779 TOTAL CYSTECTOMY NEC
 5900 RETROPERIT DISSECT NOS
 603 SUPRAPUBIC PROSTATECTOMY
 604 RETROPUBIC PROSTATECTOMY
 605 RADICAL PROSTATECTOMY
 6062 PERINEAL PROSTATECTOMY
 6069 PROSTATECTOMY NEC

**DRG 336 MDC 12,
 TRANSURETHRAL PROSTATECTOMY W CC**

**DRG 337 MDC 12,
 TRANSURETHRAL PROSTATECTOMY W/O CC**

602 TRANSURETHRAL PROSTATECT
 6021 TRANSURETH PROSTATECTOMY%
 6029 OTH TRANSURETH PROSTATEC%

**DRG 353 MDC 13,
 PELVIC EVISCERAT, RADICAL HYSTER &
 RADICAL VULVECT**

4050 RAD NODE DISSECTION NOS
 4052 RAD DISSECT PERIAORT NODE
 4053 RAD DISSECT ILIAC NODES
 4054 RADICAL GROIN DISSECTION
 4059 RAD NODE DISSECTION NEC
 686 RADICAL ABD HYSTERECTOMY
 687 RADICAL VAG HYSTERECTOMY
 688 PELVIC EVISCERATION
 715 RADICAL VULVECTOMY

**DRG 354 MDC 13,
 UTERINE,ADNEXA PROC FOR
 NON-OVAR/ADNEXAL MALIG W CC**

**DRG 355 MDC 13,
 UTERINE,ADNEXA PROC FOR
 NON-OVAR/ADNEX MALIG W/O CC**

650 OOPHOROTOMY
 6501 LAPAROSCOPIC OOPHOROTOMY#
 6509 OTHER OOPHOROTOMY#
 6511 OVARIAN ASPIRAT BIOPSY
 6512 OVARIAN BIOPSY NEC
 6513 LAP BIOPSY OF OVARY#
 6514 OTH LAP DX PROC OVARIES#
 6519 OVARIAN DX PROCEDURE NEC
 6521 OVARIAN CYST MARSUPIALIZ
 6522 OVARIAN WEDGE RESECT ION
 6523 LAP MARSUP OVARIAN CYST#
 6524 LAP WEDGE RESECT OVARY#
 6525 OTH LAP LOC EXC DEST OVA#
 6529 LOCAL DESTR OVA LES NEC
 653 UNILATERAL OOPHORECTOMY
 6531 LAP UNILAT OOPHORECTOMY#
 6539 OTH UNILAT OOPHORECTOMY#
 654 UNILAT SALPINGO-OOPHOREC
 6541 LAP UNI SALPINGO-OOPHOR#
 6549 OTH UNI SALPINGO-OOPHOR#
 6551 REMOVE BOTH OVARIES
 6552 REMOVE SOLITARY OVARY
 6553 LAP REMOVE BOTH OVARIES#
 6554 LAP REMOVE REMAIN OVARY#
 6561 REMOVE BOTH TUBES & OVAR
 6562 REMOVE SOLITARY TUBE/OVA
 6563 LAP REMOVE OVARIES/TUBES#
 6564 LAP REMOVE REM OVA/TUBE#
 6571 SIMPLE SUTURE OF OVARY
 6572 OVARIAN REIMPLANTATION
 6573 SALPINGO-OOPHOROPLASTY
 6574 LAP SIMPLE SUTURE OVARY#
 6575 LAP REIMPLANT OF OVARY#
 6576 LAP SALPINGO-OOPHOROPLAS#
 6579 REPAIR OF OVARY NEC
 658 TUBO-OVARIAN ADHESIOLYS

6581 LAP ADHESIOLYS OVA/TUBE#
 6589 ADHESIOLYSIS OVARY/TUBE#
 6591 ASPIRATION OF OVARY
 6592 TRANSPLANTATION OF OVARY
 6593 MANUAL RUPT OVARIAN CYST
 6594 OVARIAN DENERVATION
 6595 OVARIAN TORSION RELEASE
 6599 OVARIAN OPERATION NEC
 660 SALPINGOTOMY
 6601 SALPINGOTOMY
 6602 SALPINGOSTOMY
 6611 FALLOPIAN TUBE BIOPSY
 6619 FALLOP TUBE DX PROC NEC
 664 TOTAL UNILAT SALPINGECT
 6651 REMOVE BOTH FALLOP TUBES
 6652 REMOVE SOLITARY FAL TUBE
 6661 DESTROY FALLOP TUBE LES
 6662 REMOV TUBE & ECTOP PREG
 6669 PARTIAL SALPINGECTOM NEC
 6671 SIMPL SUTURE FALLOP TUBE
 6672 SALPINGO-OOPHOROSTOMY
 6673 SALPINGO-SALPINGOSTOMY
 6674 SALPINGO-UTEROSTOMY
 6679 FALLOP TUBE REPAIR NEC
 6692 UNILAT FALLOP TUBE DESTR
 6693 IMPL FALLOP TUBE PROSTH
 6694 REMOV FALLOP TUBE PROSTH
 6696 FALLOPIAN TUBE DILATION
 6697 BURY FIMBRIAE IN UTERUS
 6699 FALLOPIAN TUBE OP NEC
 680 HYSTEROTOMY
 6813 OPEN UTERINE BIOPSY
 6814 OPEN UTERINE LIGAMENT BX
 6819 UTERUS/ADNEX DX PROC NEC
 6823 ENDOMETRIAL ABLATION#
 6829 UTERINE LES DESTRUCT NEC
 683 SUBTOT ABD HYSTERECTOMY
 684 TOTAL ABD HYSTERECTOMY
 685 VAGINAL HYSTERECTOMY
 6851 LAP AST VAG HYSTERECTOMY#
 6859 OTHER VAG HYSTERECTOMY#
 689 HYSTERECTOMY NEC NOS
 6919 DESTRUC UTER SUPPORT NEC
 693 PARACERV UTERINE DENERV
 6941 SUTURE UTERINE LACERAT
 6942 CLOSURE UTERINE FISTULA
 6949 UTERINE REPAIR NEC

**DRG 356 MDC 13,
 FEMALE REPRODUCTIVE SYSTEM
 RECONSTRUCTIVE PROCS**

5785 CYSTOURETHROPLASTY
 594 SUPRAPUBIC SLING OP
 595 RETROPUBIC URETH SUSPENS
 596 PARAURETHRAL SUSPENSION
 5971 LEVATOR MUSC SUSPENSION
 5979 URIN INCONTIN REPAIR NEC
 645 SEX TRANSFORMAT OP NEC
 6921 INTERPOSIT OP UTERIN LIG
 6922 UTERINE SUSPENSION NEC
 6923 VAG REPAIR INVERS UTERUS
 6929 UTERUS/ADNEXA REPAIR NEC
 6998 UTERINE SUPPORT OP NEC
 704 VAGINAL OBLITERATION
 7050 CYSTOCEL/RECTOCEL REPAIR
 7051 CYSTOCELE REPAIR
 7052 RECTOCELE REPAIR
 7061 VAGINAL CONSTRUCTION
 7062 VAGINAL RECONSTRUCTION
 7077 VAGINAL SUSPENS & FIXAT
 708 VAGINAL VAULT OBLITERAT

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**DRG 357 MDC 13,
UTERINE & ADNEXA PROC FOR OVARIAN OR
ADNEXAL MALIG**

650 OOPHOROTOMY
6501 LAPAROSCOPIC OOPHOROTOMY#
6509 OTHER OOPHOROTOMY#
6511 OVARIAN ASPIRAT BIOPSY
6512 OVARIAN BIOPSY NEC
6513 LAP BIOPSY OF OVARY#
6514 OTH LAP DX PROC OVARIES#
6519 OVARIAN DX PROCEDURE NEC
6521 OVARIAN CYST MARSUPIALIZ
6522 OVARIAN WEDGE RESECTION
6523 LAP MARSUP OVARIAN CYST#
6524 LAP WEDGE RESECT OVARY#
6525 OTH LAP LOC EXC DEST OVA#
6529 LOCAL DESTR OVA LES NEC
653 UNILATERAL OOPHORECTOMY
6531 LAP UNILAT OOPHORECTOMY#
6539 OTH UNILAT OOPHORECTOMY#
654 UNILAT SALPINGO-OOPHOREC
6541 LAP UNI SALPINGO-OOPHOR#
6549 OTH UNI SALPINGO-OOPHOR#
6551 REMOVE BOTH OVARIES
6552 REMOVE SOLITARY OVARY
6553 LAP REMOVE BOTH OVARIES#
6554 LAP REMOVE REMAIN OVARY#
6561 REMOVE BOTH TUBES & OVAR
6562 REMOVE SOLITARY TUBE/OVA
6563 LAP REMOVE OVARIES/TUBES#
6564 LAP REMOVE REM OVA/TUBE#
6571 SIMPLE SUTURE OF OVARY
6572 OVARIAN REIMPLANTATION
6573 SALPINGO-OOPHOROPLASTY
6574 LAP SIMPLE SUTURE OVARY#
6575 LAP REIMPLANT OF OVARY#
6576 LAP SALPINGO-OOPHOROPLAS#
6579 REPAIR OF OVARY NEC
658 TUBO-OVARIAN ADHESIOLYS
6581 LAP ADHESIOLYS OVA/TUBE#
6589 ADHESIOLYSIS OVARY/TUBE#
6591 ASPIRATION OF OVARY
6592 TRANSPLANTATION OF OVARY
6593 MANUAL RUPT OVARIAN CYST
6594 OVARIAN DENERVATION
6595 OVARIAN TORSION RELEASE
6599 OVARIAN OPERATION NEC
660 SALPINGOTOMY
6601 SALPINGOTOMY
6602 SALPINGOSTOMY
6611 FALLOPIAN TUBE BIOPSY
6619 FALLOP TUBE DX PROC NEC
664 TOTAL UNILAT SALPINGECT
6651 REMOVE BOTH FALLOP TUBES
6652 REMOVE SOLITARY FAL TUBE
6661 DESTROY FALLOP TUBE LES
6662 REMOV TUBE & ECTOP PREG
6669 PARTIAL SALPINGECTOM NEC
6671 SIMPL SUTURE FALLOP TUBE
6672 SALPINGO-OOPHOROSTOMY
6673 SALPINGO-SALPINGOSTOMY
6674 SALPINGO-UTEROSTOMY
6679 FALLOP TUBE REPAIR NEC
6692 UNILAT FALLOP TUBE DESTR
6693 IMPL FALLOP TUBE PROSTH
6694 REMOV FALLOP TUBE PROSTH
6696 FALLOPIAN TUBE DILATION
6697 BURY FIMBRIAE IN UTERUS
6699 FALLOPIAN TUBE OP NEC
680 HYSTEROTOMY

6813 OPEN UTERINE BIOPSY
6814 OPEN UTERINE LIGAMENT BX
6819 UTERUS/ADNEX DX PROC NEC
6823 ENDOMETRIAL ABLATION#
6829 UTERINE LES DESTRUCT NEC
683 SUBTOT ABD HYSTERECTOMY
684 TOTAL ABD HYSTERECTOMY
685 VAGINAL HYSTERECTOMY
6851 LAP AST VAG HYSTERECTOMY#
6859 OTHER VAG HYSTERECTOMY#
689 HYSTERECTOMY NEC NOS
6919 DESTRUC UTER SUPPORT NEC
693 PARACERV UTERINE DENERV
6941 SUTURE UTERINE LACERAT
6942 CLOSURE UTERINE FISTULA
6949 UTERINE REPAIR NEC

**DRG 358 MDC 13,
UTERINE & ADNEXA PROC FOR
NON-MALIGNANCY W CC**

**DRG 359 MDC 13,
UTERINE & ADNEXA PROC FOR
NON-MALIGNANCY W/O CC**

650 OOPHOROTOMY
6501 LAPAROSCOPIC OOPHOROTOMY#
6509 OTHER OOPHOROTOMY#
6511 OVARIAN ASPIRAT BIOPSY
6512 OVARIAN BIOPSY NEC
6513 LAP BIOPSY OF OVARY#
6514 OTH LAP DX PROC OVARIES#
6519 OVARIAN DX PROCEDURE NEC
6521 OVARIAN CYST MARSUPIALIZ
6522 OVARIAN WEDGE RESECTION
6523 LAP MARSUP OVARIAN CYST#
6524 LAP WEDGE RESECT OVARY#
6525 OTH LAP LOC EXC DEST OVA#
6529 LOCAL DESTR OVA LES NEC
653 UNILATERAL OOPHORECTOMY
6531 LAP UNILAT OOPHORECTOMY#
6539 OTH UNILAT OOPHORECTOMY#
654 UNILAT SALPINGO-OOPHOREC
6541 LAP UNI SALPINGO-OOPHOR#
6549 OTH UNI SALPINGO-OOPHOR#
6551 REMOVE BOTH OVARIES
6552 REMOVE SOLITARY OVARY
6553 LAP REMOVE BOTH OVARIES#
6554 LAP REMOVE REMAIN OVARY#
6561 REMOVE BOTH TUBES & OVAR
6562 REMOVE SOLITARY TUBE/OVA
6563 LAP REMOVE OVARIES/TUBES#
6564 LAP REMOVE REM OVA/TUBE#
6571 SIMPLE SUTURE OF OVARY
6572 OVARIAN REIMPLANTATION
6573 SALPINGO-OOPHOROPLASTY
6574 LAP SIMPLE SUTURE OVARY#
6575 LAP REIMPLANT OF OVARY#
6576 LAP SALPINGO-OOPHOROPLAS#
6579 REPAIR OF OVARY NEC
658 TUBO-OVARIAN ADHESIOLYS
6581 LAP ADHESIOLYS OVA/TUBE#
6589 ADHESIOLYSIS OVARY/TUBE#
6591 ASPIRATION OF OVARY
6592 TRANSPLANTATION OF OVARY
6593 MANUAL RUPT OVARIAN CYST
6594 OVARIAN DENERVATION
6595 OVARIAN TORSION RELEASE
6599 OVARIAN OPERATION NEC
660 SALPINGOTOMY
6601 SALPINGOTOMY
6602 SALPINGOSTOMY
6611 FALLOPIAN TUBE BIOPSY

ICD-9-CM Procedure Codes for Major Surgery DRGs

4210	ESOPHAGOSTOMY NOS	4594	LG-TO-LG BOWEL ANASTOM
4211	CERVICAL ESOPHAGOSTOMY	4595	ANAL ANASTOMOSIS
4212	ESOPH POUCH EXTERIORIZAT	4601	SM BOWEL EXTERIORIZATION
4219	EXT FISTULIZAT ESOPH NEC	4602	RESECT EXT SEG SM BOWEL
4221	ESOPHAGOSCOPY BY INCIS	4603	LG BOWEL EXTERIORIZATION
4225	OPEN BIOPSY OF ESOPHAGUS	4604	RESECT EXT SEG LG BOWEL
4232	LOCAL EXCIS ESOPHAG NEC	4610	COLOSTOMY NOS
4239	DESTRUCT ESOPHAG LES NEC	4611	TEMPORARY COLOSTOMY
4240	ESOPHAGECTOMY NOS	4613	PERMANENT COLOSTOMY NEC
4241	PARTIAL ESOPHAGECTOMY	4620	ILEOSTOMY NOS
4242	TOTAL ESOPHAGECTOMY	4621	TEMPORARY ILEOSTOMY
4251	THORAC ESOPHAGUESOPHAGOS	4622	CONTINENT ILEOSTOMY
4252	THORAC ESOPHAGOGASTROST	4623	PERMANENT ILEOSTOMY NEC
4253	THORAC SM BOWEL INTERPOS	4640	INTEST STOMA REVIS NOS
4254	THORAC ESOPHAGOENTER NEC	4641	SM BOWEL STOMA REVISION
4255	THORAC LG BOWEL INTERPOS	4680	INTRA-AB BOWEL MANIP NOS
4256	THORAC ESOPHAGOCOLOS NEC	4681	INTRA-ABD SM BOWEL MANIP
4258	THORAC INTERPOSITION NEC	4682	INTRA-ABD LG BOWEL MANIP
4259	THORAC ESOPHAG ANAST NEC	4699	INTESTINAL OP NEC
4261	STERN ESOPHAGUESOPHAGOST	4841	SOAVE SUBMUC RECT RESECT
4262	STERN ESOPHAGOGASTROSTOM	4849	PULL-THRU RECT RESEC NEC
4263	STERN SM BOWEL INTERPOS	485	ABD-PERINEAL RECT RESECT
4264	STERN ESOPHAGOENTER NEC	4861	TRANS SAC RECTOSIGMOIDECT
4265	STERN LG BOWEL INTERPOS	4862	ANT RECT RESECT W COLOST
4266	STERN ESOPHAGOCOLOS NEC	4863	ANTERIOR RECT RESECT NEC
4268	STERN INTERPOSITION NEC	4864	POSTERIOR RECT RESECTION
4269	STERN ESOPHAG ANAST NEC	4865	DUHAMEL RECTAL RESECTION
427	ESOPHAGOMYOTOMY	4869	RECTAL RESECTION NEC
4282	SUTURE ESOPHAGEAL LACER	5012	OPEN LIVER BIOPSY
4283	ESOPHAGOSTOMY CLOSURE	5019	HEPATIC DX PROC NEC
4284	ESOPH FISTULA REPAIR NEC	5121	OTH PART CHOLECYSTECTOMY#
4285	ESOPHAG STRICTURE REPAIR	5122	TOTAL CHOLECYSTECTOMY
4286	PROD SUBQ TUNNEL NO ANAS	5123	LAP CHOLE
4287	ESOPHAGEAL GRAFT NEC	5124	LAP PART CHOLECYSTECTOMY#
4289	ESOPHAGEAL REPAIR NEC	5131	GB-TO-HEPAT DUCT ANAST
430	GASTROTOMY	5132	GB-TO-INTESTINE ANASTOM
435	PROXIMAL GASTRECTOMY	5133	GB-TO-PANCREAS ANASTOM
436	DISTAL GASTRECTOMY	5134	GB-TO-STOMACH ANASTOMOS
437	PART GASTREC W JEJ ANAST	5135	GALLBLADDER ANASTOM NEC
4381	PART GAST W JEJ TRANSPOS	5136	CHOLEDOCHOENTEROSTOMY
4389	PARTIAL GASTRECTOMY NEC	5137	HEPATIC DUCT-GI ANASTOM
4391	TOT GAST W INTES INTERPO	5139	BILE DUCT ANASTOMOS NEC
4399	TOTAL GASTRECTOMY NEC	5142	CDE FOR OBSTRUCTION NEC
4411	TRANSABDOMIN GASTROSCOPY	5143	CHOLEDOCHOHEPAT INTUBAT
4431	HIGH GASTRIC BYPASS	5149	INCIS OBSTR BILE DUC NEC
4439	GASTROENTEROSTOMY NEC	5159	BILE DUCT INCISION NEC
4463	CLOSE GASTRIC FISTUL NEC	5193	CLOS BILIARY FISTUL NEC
4502	SMALL BOWEL INCISION NEC	5194	REVIS BILE TRACT ANASTOM
4503	LARGE BOWEL INCISION	5195	REMOVE BILE DUCT PROSTH
4511	TRANSAB SM BOWEL ENDOSC	5199	BILIARY TRACT OP NEC
4531	OTH EXCISE DUODENUM LES	5212	OPEN PANCREATIC BIOPSY
4532	DESTRUCT DUODEN LES NEC	5219	PANCREATIC DX PROC NEC
4533	LOCAL EXCIS SM BOWEL NEC	5292	CANNULATION PANCREA DUC
4534	DESTR SM BOWEL LES NEC	540	ABDOMINAL WALL INCISION
4541	EXCISE LG INTESTINE LES	5411	EXPLORATORY LAPAROTOMY
4549	DESTRUC LG BOWEL LES NEC	5412	REOPEN RECENT LAP SITE
4550	INTEST SEG ISOLAT NOS	5419	LAPAROTOMY NEC
4561	MULT SEG SM BOWEL EXCIS	5422	ABDOMINAL WALL BIOPSY
4562	PART SM BOWEL RESECT NEC	5429	ABD REGION DX PROC NEC
4563	TOTAL REMOVAL SM BOWEL	543	DESTRUCT ABD WALL LESION
4571	MULT SEG LG BOWEL EXCIS	544	DESTRUCT PERITONEAL TISS
4573	RIGHT HEMICOLECTOMY	5463	ABD WALL SUTURE NEC
4574	TRANSVERSE COLON RESECT	5464	PERITONEAL SUTURE
4575	LEFT HEMICOLECTOMY	5472	ABDOMEN WALL REPAIR NEC
4576	SIGMOIDECTOMY	5473	PERITONEAL REPAIR NEC
4579	PART LG BOWEL EXCIS NEC	5474	OMENTAL REPAIR NEC
458	TOT INTRA-ABD COLECTOMY	5475	MESENTERIC REPAIR NEC
4590	INTESTINAL ANASTOM NOS	5493	CREATE CUTANPERITON FIST
4591	SM-TO-SM BOWEL ANASTOM	5494	CREAT PERITONEOVAS SHUNT
4592	SM BOWEL-RECT STUMP ANAS	5495	PERITONEAL INCISION
4593	SMALL-TO-LARGE BOWEL NEC	5524	OPEN RENAL BIOPSY

ICD-9-CM Procedure Codes for Major Surgery DRGs

5529	RENAL DIAGNOST PROC NEC	0153	BRAIN LOBECTOMY
5651	FORM CUTAN ILEOURETEROST	0159	OTHER BRAIN EXCISION
5652	REVIS CUTAN ILEOURETEROS	016	EXCISE SKULL LESION
5661	FORM CUTAN URETEROSTOMY	0201	LINEAR CRANIECTOMY
5662	REVIS CUTAN URETEROS NEC	0202	ELEVATE SKULL FX FRAGMNT
5671	URIN DIVERSION TO BOWEL	0203	SKULL FLAP FORMATION
5672	REVIS URETEROENTEROSTOMY	0204	BONE GRAFT TO SKULL
5673	NEPHROCYSTANASTOMOSI NOS	0205	SKULL PLATE INSERTION
5675	TRANSURETEROURETEROSTOMY	0206	CRANIAL OSTEOPLASTY NEC
5683	URETEROSTOMY CLOSURE	0207	SKULL PLATE REMOVAL
5684	CLOSE URETER FISTULA NEC	0211	SIMPLE SUTURE OF DURA
5718	OTHER SUPRAPU CYSTOSTOMY	0212	BRAIN MENINGE REPAIR NEC
5721	VESICOSTOMY	0213	MENINGE VESSEL LIGATION
5722	REVISE CLO VESICOSTOMY	0214	CHOROID PLEXECTOMY
5734	OPEN BLADDER BIOPSY	022	VENTRICULOSTOMY
5739	BLADDER DIAGNOS PROC NEC	0231	VENTRICL SHUNT-HEAD/NECK
5759	BLADDER LES DESTRUCT NEC	0232	VENTRI SHUNT-CIRCULA SYS
576	PARTIAL CYSTECTOMY	0233	VENTRICL SHUNT-THORAX
5771	RADICAL CYSTECTOMY	0234	VENTRICL SHUNT-ABDOMEN
5779	TOTAL CYSTECTOMY NEC	0235	VENTRI SHUNT-UNINARY SYS
5782	CYSTOSTOMY CLOSURE	0239	OTHER VENTRICULAR SHUNT
5783	ENTEROVESICO FIST REPAIR	0242	REPLACE VENTRICLE SHUNT
5784	VESIC FISTULA REPAIR NEC	0243	REMOVE VENTRICLE SHUNT
5788	BLADDER ANASTOMOSIS NEC	0291	LYSIS CORTICAL ADHESION
5843	CLOSE URETH FISTULA NEC	0292	BRAIN REPAIR
5900	RETROPERIT DISSECT NOS	0293	IMPLANT BRAIN STIMULATOR
5901	URETEROLYS FOR FIBROSIS	0294	INSERT/REPLAC SKULL TONG
5902	PERIREN ADHESIOLYS NEC	0299	SKULL & BRAIN OP NEC
5903	LAP LYS PERIREN/URET ADH#	0301	REMOVAL FB SPINAL CANAL
5909	PERIREN/URETER INCIS NEC	0302	REOPEN LAMINECTOMY SITE
5911	PERIVESICAL ADHESIOLYSIS	0309	SPINAL CANAL EXPLOR NEC
5912	LAP LYS PERIVESURETH ADH#	031	INTRASPIN NERVE ROOT DIV
5919	PERIVESICAL INCISION NEC	0321	PERCUTANEOUS CHORDOTOMY
5921	PERIREN/URETERAL BIOPSY	0329	OTHER CHORDOTOMY
5929	PERIREN/URET DX PROC NEC	0332	SPINAL CORD/MENINGES BX
5991	PERIREN/VESICLE EXCISION	0339	OTHER SPINAL DX PROC
5992	PERIREN/VESICLE OP NEC	034	EXCIS SPINAL CORD LESION
7072	REPAIR COLOVAGIN FISTULA	0351	SPINE MENINGOCELE REPAIR
7073	REPAIR RECTOVAG FISTULA	0352	MYELOMENINGOCEL REPAIR
7074	REP VAGINOENT FISTUL NEC	0353	VERTEBRAL FX REPAIR
7075	REPAIR VAG FISTULA NEC	0359	SPINAL STRUCT REPAIR NEC
		036	SPINAL CORD ADHESIOLYSIS
		0371	SUBARACH-PERITON SHUNT
		0372	SUBARACH-URETERAL SHUNT
		0379	OTH SPINAL THECAL SHUNT
		0393	INSERT SPINAL STIMULATOR
		0394	REMOVE SPINAL STIMULATOR
		0397	REVISE SPINE THECA SHUNT
		0398	REMOVE SPINE THECA SHUNT
		0399	SPINE CANAL STRUC OP NEC
		0401	ACOUSTIC NEUROTOMY
		0402	TRIGEMINAL NERV DIVISION
		0403	PERIPH NERVE DIV NEC
		0404	PERIPH NERVE INCIS NEC
		0405	GASSERIAN GANGLIONECTOMY
		0406	PERIPH GANGLIONECT NEC
		0407	PERIPH NERV EXCISION NEC
		0412	OPEN PERIPH NERVE BIOPSY
		0419	PERIPH NERVE DX PROC NEC
		043	PERIPHERAL NERVE SUTURE
		0441	DECOMPRESS TRIGEM ROOT
		0442	CRAN NERV ROOT DECOM NEC
		0443	CARPAL TUNNEL RELEASE
		0444	TARSAL TUNNEL RELEASE
		0449	PER NERVE ADHESIOLYS NEC
		045	PERIPHERAL NERVE GRAFT
		046	PERIPH NERVE TRANSPOSIT
		0471	HYPOGLOSS-FACIAL ANASTOM
		0472	ACCESSORY-FACIAL ANASTOM
		0473	ACCESS-HYPOGLOSS ANASTOM
		0474	PERIPH NERV ANASTOM NEC
DRG 401 MDC 17,			
LYMPHOMA & NON-ACUTE LEUKEMIA W OTH			
O.R. PROC W CC			
9230	STEREOTATIC RADIOSURG NOS&		
9231	SINGLE SOURCE PHOTON RADIOSURG&		
9232	MULTISOURCE PHOTON RADIOSURG&		
9233	PARTICULATE RADIOSURG&		
9239	STEREOTAT RADIOSURG NEC&		
DRG 402 MDC 17,			
LYMPHOMA & NON-ACUTE LEUKEM W OTH			
O.R. PROC W/O CC			
0112	OPEN CEREB MENINGES BX		
0114	OPEN BRAIN BIOPSY		
0115	SKULL BIOPSY		
0118	OTHER BRAIN DX PROCEDURE		
0119	OTHER SKULL DX PROCEDURE		
0121	CRANIAL SINUS I & D		
0122	REMOV INTRACRAN STIMULAT		
0123	REOPEN CRANIOTOMY SITE		
0124	OTHER CRANIOTOMY		
0125	OTHER CRANIECTOMY		
0131	INCISE CEREBRAL MENINGES		
0132	LOBOTOMY & TRACTOTOMY		
0139	OTHER BRAIN INCISION		
0141	THALAMUS OPERATIONS		
0142	GLOBUS PALLIDUS OPS		
0151	EX CEREB MENINGEAL LES		
0152	HEMISPHERECTOMY		

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0475	POSTOP REVIS PER NERV OP	0768	TOTAL EXC PITUITARY NEC
0476	LATE REPAIR PER NERV INJ	0769	TOTAL EXC PITUITARY NOS
0479	OTHER NEUROPLASTY	0771	PITUITARY FOSSA EXPLORAT
0491	NEURECTASIS	0772	PITUITARY GLAND INCISION
0492	IMPLANT PERIPH STIMULAT	0779	PITUITARY OPERATION NEC
0493	REMOVE PERIPH STIMULATOR	0780	THYMECTOMY NOS
0499	PERIPHERAL NERVE OPS NEC	0781	PART EXCISION OF THYMUS
050	SYMPATH NERVE DIVISION	0782	TOTAL EXCISION OF THYMUS
0511	SYMPATHETIC NERVE BIOPSY	0791	THYMUS FIELD EXPLORATION
0519	SYMPATH NRV DX PROC NEC	0792	INCISION OF THYMUS
0521	SPHENOPALATIN GANGLIONEC	0793	REPAIR OF THYMUS
0522	CERVICAL SYMPATHECTOMY	0794	THYMUS TRANSPLANTATION
0523	LUMBAR SYMPATHECTOMY	0799	THYMUS OPERATION NEC
0524	PRESACRAL SYMPATHECTOMY	0811	EYELID BIOPSY
0529	OTHER SYMPATHECTOMY	0820	REMOVE EYELID LESION NOS
0581	SYMPATHETIC NERVE REPAIR	0821	CHALAZION EXCISION
0589	SYMPATHETIC NERVE OP NEC	0822	EXCISE MINOR LES LID NEC
059	OTHER NERVOUS SYSTEM OPS	0823	EXC MAJ LES LID PRT-THIC
0602	REOPEN THYROID FIELD WND	0824	EXC MAJ LES LID FUL-THIC
0609	INCIS THYROID FIELD NEC	0825	DESTRUCTION LID LESION
0612	OPEN THYROID GLAND BX	0831	PTOSIS REP-FRONT MUS SUT
0613	PARATHYROID BIOPSY	0832	PTOSIS REP-FRON MUS SLNG
0619	THYR/PARATHY DX PROC NEC	0833	PTOSIS REP-LEVAT MUS ADV
062	UNILAT THYROID LOBECTOMY	0834	PTOSIS REP-LEVAT MUS NEC
0631	EXCISION THYROID LESION	0835	PTOS REP-TARSAL TECHNIQ
0639	PART THYROIDECTOMY NEC	0836	BLEPHAROPTOS REPAIR NEC
064	COMPLETE THYROIDECTOMY	0837	REDUC OVERCORRECT PTOSIS
0650	SUBSTERN THYROIDECT NOS	0838	CORRECT LID RETRACTION
0651	PART SUBSTERN THYROIDECT	0841	THERMOCAUT/ENTROPION REP
0652	TOT SUBSTERN THYROIDECT	0842	SUTURE ENTROPION REPAIR
066	LINGUAL THYROID EXCISION	0843	WEDG RESEC ENTROPION REP
067	THYROGLOSS DUCT EXCISION	0844	LID RECONS ENTROPION REP
0681	TOTAL PARATHYROIDECTOMY	0849	ENTROPION/ECTROP REP NEC
0689	OTHER PARATHYROIDECTOMY	0851	CANTHOTOMY
0691	THYROID ISTHMUS DIVISION	0852	BLEPHARORRHAPHY
0692	THYROID VESSEL LIGATION	0859	ADJUST LID POSITION NEC
0693	THYROID SUTURE	0861	LID RECONST W SKIN GRAFT
0694	THYROID REIMPLANTATION	0862	LID RECONST W MUC GRAFT
0695	PARATHYROID REIMPLANT	0863	LID RECONST W HAIR GRAFT
0698	OTHER THYROID OPERATIONS	0864	LID RECON-TARSOCONJ FLAP
0699	OTHER PARATHYROID OPS	0869	LID RECONSTR W GRAFT NEC
0700	ADRENAL EXPLORATION NOS	0870	LID RECONSTRUCTION NOS
0701	UNILAT ADRENAL EXPLORAT	0871	LID MARG RECON-PART THIC
0702	BILAT ADRENAL EXPLORAT	0872	LID RECONS-PART THIC NEC
0712	OPEN ADRENAL GLAND BX	0873	LID MARG RECONS FUL THIC
0713	TRANSFRONT PITUITARY BX	0874	LID RECONST-FUL THIC NEC
0714	TRANSPHEN PITUITARY BX	0881	LINEAR REP LID LACER
0715	PITUITARY BIOPSY NOS	0882	LID MARG LAC RX-PART TH
0716	THYMUS BIOPSY	0883	LID LACER RX-PRT TH NEC
0717	PINEAL BIOPSY	0884	LID MARG LAC RX-FUL THIC
0719	ENDOCRINE DX PROC NEC	0885	LID LAC RX-FUL THIC NEC
0721	ADRENAL LESION EXCISION	0886	LOWER LID RHYTIDECTOMY
0722	UNILATERAL ADRENALECTOMY	0887	UPPER LID RHYTIDECTOMY
0729	PART ADRENALECTOMY NEC	0889	EYELID REPAIR NEC
073	BILATERAL ADRENALECTOMY	0891	ELECTROSURG LID EPILAT
0741	ADRENAL INCISION	0892	CRYOSURG LID EPILATION
0742	ADRENAL NERVE DIVISION	0893	EYELID EPILATION NEC
0743	ADRENAL VESSEL LIGATION	0899	EYELID OPERATION NEC
0744	ADRENAL REPAIR	090	LACRIMAL GLAND INCISION
0745	ADRENAL REIMPLANTATION	0911	LACRIMAL GLAND BIOPSY
0749	ADRENAL OPERATION NEC	0912	LACRIMAL SAC BIOPSY
0751	PINEAL FIELD EXPLORATION	0919	LACRIMAL SYS DX PROC NEC
0752	PINEAL GLAND INCISION	0920	EXC LACRIMAL GLAND NOS
0753	PARTIAL PINEALECTOMY	0921	EXCIS LES LACRIMAL GLAND
0754	TOTAL PINEALECTOMY	0922	PART DACRYOADENECT NEC
0759	PINEAL OPERATION NEC	0923	TOTAL DACRYOADENECTOMY
0761	EXC PITUIT LES-TRANSFRON	093	OTHER LACRIMAL GLAND OPS
0762	EXC PITUIT LES-TRANSPHEN	0941	LACRIMAL PUNCTUM PROBE
0763	PART EXCIS PITUITARY NOS	0942	LAC CANALICULI PROBE
0764	TOT EXC PITUIT-TRANSFRON	0943	NASOLACRIMAL DUCT PROBE
0765	TOT EXC PITUIT-TRANSPHEN	0944	NASOLAC DUCT INTUBAT

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0949	LAC PASSAGE MANIP NEC	1229	ANT SEGMENT DX PROC NEC
0951	LAC PUNCTUM INCISION	1231	GONIOSYNECHIAE LYSIS
0952	LAC CANALICULI INCISION	1232	ANT SYNECHIA LYSIS NEC
0953	LACRIMAL SAC INCISION	1233	POST SYNECHIAE LYSIS
0959	LACRIM PASSAGE INCIS NEC	1234	CORNEOVITREAL ADHESIOLYS
096	LACRIM SAC/PASSAGE EXCIS	1235	COREOPLASTY
0971	CORRECT EVERTED PUNCTUM	1239	IRIDOPLASTY NEC
0972	PUNCTUM REPAIR NEC	1240	REMOV ANT SEGMENT LES NOS
0973	CANALICULUS REPAIR	1241	NONEXC DESTRUCT IRIS LES
0981	DACRYOCYSTORHINOSTOMY	1242	EXCISION OF IRIS LESION
0982	CONJUNCTIVOCYSTORHINOST	1243	NONEXC DESTR CIL BOD LES
0983	CONJUNCTIVORHINOS W TUBE	1244	EXCISE CILIARY BODY LES
0991	LAC PUNCTUM OBLITERATION	1251	GONIOPUNCTURE
0999	LACRIMAL SYSTEM OP NEC	1252	GONIOTOMY
100	INCISE/REMOV CONJUNCT FB	1253	GONIOTOMY W GONIOPUNCTUR
101	CONJUNCTIVA INCISION NEC	1254	TRABECULOTOMY AB EXTERNO
1021	CONJUNCTIVAL BIOPSY	1255	CYCLODIALYSIS
1029	CONJUNCTIVA DX PROC NEC	1259	FACILIT INTRAOC CIRC NEC
1031	EXCISE CONJUNCTIV LESION	1261	TREPHIN SCLERA W IRIDECT
1032	DESTRUCT CONJUNC LES NEC	1262	THERMCAUT SCLER W IRIDEC
1033	OTH CONJUNC DESTRUCT PROC	1263	IRIDENCELEISIS/IRIDOTASIS
1041	SYMBLEPH REP W FREE GRFT	1264	TRABECULECTOM AB EXTERNO
1042	GRAFT CONJUNC CUL-DE-SAC	1265	SCLER FISTULIZ W IRIDECT
1043	CONJUN CUL-DE-SAC RX NEC	1266	POSTOP REVIS SCL FISTUL
1044	CONJUNC FREE GRAFT NEC	1269	SCLER FISTULIZING OP NEC
1049	CONJUNCTIVOPLASTY NEC	1271	CYCLODIATHERMY
105	CONJUNC/LID ADHESIOLYSIS	1272	CYCLOCRYOTHERAPY
106	REPAIR CONJUNCT LACERAT	1273	CYCLOPHOTOCOAGULATION
1091	SUBCONJUNCTIVAL INJECT	1274	CIL BODY DIMINUTION NOS
1099	CONJUNCTIVAL OP NEC	1279	GLAUCOMA PROCEDURE NEC
110	MAGNET REMOVAL CORNEA FB	1281	SUTURE SCLERAL LACER
111	CORNEAL INCISION	1282	SCLERAL FISTULA REPAIR
1121	CORNEAL SCRAPE FOR SMEAR	1283	REVIS ANT SEG OP WND NEC
1122	CORNEAL BIOPSY	1284	DESTRUCT SCLERAL LESION
1129	CORNEAL DX PROC NEC	1285	REPAIR STAPHYLOM W GRAFT
1131	PTERYGIUM TRANSPOSITION	1286	REP SCLER STAPHYLOMA NEC
1132	PTERYG EXC W CORNEA GRFT	1287	GRAFT REINFORCE SCLERA
1139	PTERYGIUM EXCISION NEC	1288	SCLERA REINFORCEMENT NEC
1141	MECH REMOV CORNEA EPITH	1289	SCLERAL OPERATION NEC
1142	THERMOCAUT CORNEA LESION	1291	THERAPEUT EVAC ANT CHAMB
1143	CRYOTHERAP CORNEA LESION	1292	ANTERIOR CHAMBER INJECT
1149	DESTRUCT CORNEA LES NEC	1293	REMOV EPITHEL DOWNGROWTH
1151	SUTURE CORNEA LACERATION	1297	IRIS OPERATION NEC
1152	REP CORNEA POSTOP DEHISC	1298	CILIARY BODY OP NEC
1153	RX CORNEA LAC W CONJ FLP	1299	ANTERIOR CHAMBER OP NEC
1159	CORNEAL REPAIR NEC	1300	REMOVE FB LENS NOS
1160	CORNEAL TRANSPLANT NOS	1301	MAGNET REMOVE FB LENS
1161	LAM KERATPLAST W AUTGRFT	1302	NONMAGNET REMOVE FB LENS
1162	LAMELLAR KERATOPLAST NEC	1311	TEMP-INF INTRCAP LENS EX
1163	PERF KERATOPL W AUTOGRFT	1319	INTRACAPSUL LENS EXT NEC
1164	PERFORAT KERATOPLAST NEC	132	LINEAR EXTRACAP LENS EXT
1169	CORNEAL TRANSPLANT NEC	133	SIMPL ASPIR LENS EXTRACT
1171	KERATOMELEUSIS	1341	CATARAC PHACOEMULS/ASPIR
1172	KERATOPHAKIA	1342	POST CATARAC FRAG/ASPIR
1173	KERATOPROSTHESIS	1343	CATARACT FRAG/ASPIR NEC
1174	THERMOKERATOPLASTY	1351	TEMP-INF XTRACAP LENS EX
1175	RADIAL KERATOTOMY	1359	EXTRACAP LENS EXTRAC NEC
1176	EPIKERATOPHAKIA	1364	AFTER-CATAR DISCISSION
1179	CORNEA RECONSTRUCT NEC	1365	AFTER-CATARACT EXCISION
1191	CORNEAL TATTOOING	1366	AFTER CATAR FRAGMENTATION
1192	REMOVE CORNEAL IMPLANT	1369	CATARACT EXTRACTION NEC
1199	CORNEAL OPERATION NEC	1370	INSERT PSEUDOPHAKOS NOS
1200	REMOV ANT SEGMENT FB NOS	1371	INSERT LENS AT CATAR EXT
1201	MAGNET REMOV ANT SEG FB	1372	SECONDARY INSERT LENS
1202	NONMAG REMOV ANT SEG FB	138	IMPLANTED LENS REMOVAL
1211	IRIDOTOMY W TRANSFIXION	139	OTHER OPERATIONS ON LENS
1212	IRIDOTOMY NEC	1400	REMOV POST SEGMENT FB NOS
1213	PROLAPSED IRIS EXCISION	1401	MAGNET REMOV POST SEG FB
1214	IRIDECTOMY NEC	1402	NONMAG REMOV POST SEG FB
1221	DX ASPIRAT-ANT CHAMBER	1411	DIAGNOST VITREOUS ASPIR
1222	IRIS BIOPSY	1419	DX PROC POST SEG NEC

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1421	CHORIORET LES DIATHERMY	1831	RAD EXCIS EXT EAR LES
1422	CHORIORETIN LES CRYOTHER	1839	EXCIS EXTERNAL EAR NEC
1426	CHORIORET LES RADIOOTHER	185	CORRECTION PROMINENT EAR
1427	CHORIORET LES RAD IMPLAN	186	EXT AUDIT CANAL RECONSTR
1429	CHORIORET LES DESTR NEC	1871	CONSTRUCTION EAR AURICLE
1431	RETINAL TEAR DIATHERMY	1872	REATTACH AMPUTATED EAR
1432	RETINAL TEAR CRYOTHERAPY	1879	PLASTIC REP EXT EAR NEC
1439	RETINAL TEAR REPAIR NEC	189	OTHER EXT EAR OPERATIONS
1441	SCLERAL BUCKLE W IMPLANT	190	STAPES MOBILIZATION
1449	SCLERAL BUCKLING NEC	1911	STAPEDECT W REPLAC INCUS
1451	DETACH RETINA-DIATHERMY	1919	STAPEDECTOMY NEC
1452	DETACH RETINA-CRYOTHERAP	1921	REV STAPDEC W INCUS REPL
1453	DETACH RETINA XENON COAG	1929	STAPEDECTOMY REVIS NEC
1454	DETACH RETINA LASER COAG	193	OSSICULAR CHAIN OP NEC
1455	DETACH RET PHOTOCOAG NOS	194	MYRINGOPLASTY
1459	REPAIR RETINA DETACH NEC	1952	TYPE 2 TYMPANOPLASTY
146	REMOV PROS MAT POST SEG	1953	TYPE 3 TYMPANOPLASTY
1471	ANTERIOR REMOV VITREOUS	1954	TYPE 4 TYMPANOPLASTY
1472	VITREOUS REMOVAL NEC	1955	TYPE 5 TYMPANOPLASTY
1473	ANTERIOR MECHAN VITRECT	196	TYMPANOPLASTY REVISION
1474	MECH VITRECTOMY NEC	199	MIDDLE EAR REPAIR NEC
1475	VITREOUS SUBSTITUT INJEC	2001	MYRINGOTOMY W INTUBATION
1479	VITREOUS OPERATION NEC	2021	MASTOID INCISION
149	OTHER POST SEGMENT OPS	2022	PETRUS PYRAM AIR CEL INC
1501	EXTRAOC MUSC-TEND BIOPSY	2023	MIDDLE EAR INCISION
1509	EXTRAOC MUSC DX PROC NEC	2032	MID & INNER EAR BIOPSY
1511	ONE EXTRAOC MUS RECESS	2039	MID/IN EAR DX PROC NEC
1512	1 EXTRAOC MUSCL ADVANCE	2041	SIMPLE MASTOIDECTOMY
1513	1 EXTRAOC MUSCL RESECT	2042	RADICAL MASTOIDECTOMY
1519	XTRAOC MUS OP/DETACH NEC	2049	MASTOIDECTOMY NEC
1521	LENGTHEN 1 EXTRAOC MUSC	2051	EXCISE MIDDLE EAR LESION
1522	SHORTEN 1 EXTRAOC MUSC	2059	MIDDLE EAR EXCISION NEC
1529	OP ON 1 EXTRAOC MUSC NEC	2061	INNER EAR FENESTRATION
153	TEMP DETACH >1 XTROC MUS	2062	REVIS INNER EAR FENESTRA
154	OTH OP ON >L EXTRAOC MUS	2071	ENDOLYMPHATIC SHUNT
155	EXTRAOCUL MUS TRANSPOSIT	2072	INNER EAR INJECTION
156	REVIS EXTRAOC MUSC SURG	2079	INC/EXC/DESTR IN EAR NEC
157	EXTRAOC MUSC INJ REPAIR	2091	TYMPANOSYMPATHECTOMY
159	OTH EXTRAOC MUS-TEND OP	2092	MASTOIDECTOMY REVISION
1601	ORBITOTOMY W BONE FLAP	2093	REPAIR OVAL/ROUND WINDOW
1602	ORBITOTOMY W IMPLANT	2095	ELECMAG HEAR DEV IMPLANT
1609	ORBITOTOMY NEC	2096	IMPLT COCHLEAR PROST NOS
161	REMOVE PENETRAT FB EYE	2097	IMP/REP SCHAN COCH PROS
1622	DIAGNOSTIC ASP OF ORBIT	2098	IMP/REP MCHAN COCHL PROS
1623	EYEBALL & ORBIT BIOPSY	2099	MID-INNER EAR OPS NEC
1629	EYEBAL/ORBIT DX PROC NEC	2104	ETHMOID ART LIGAT-EPIST
1631	EYE EVISC W SYNCH IMPLAN	2105	MAX ART LIG FOR EPISTAX
1639	EYEBALL EVISCERATION NEC	2106	EXT CAROT ART LIG-EPIST
1641	EYE ENUC/IMPLAN/MUSC ATT	2107	NASAL SEPT GRFT-EPISTAX
1642	EYE ENUC W IMPLANT NEC	2109	EPISTAXIS CONTROL NEC
1649	EYEBALL ENUCLEATION NEC	214	RESECTION OF NOSE
1651	RADICAL ORBITOMAXILLECT	215	SUBMUC NASAL SEPT RESECT
1652	ORBIT EXENT W BONE REMOV	2161	DIATHER/CRYO TURBINECTOM
1659	ORBITAL EXENTERATION NEC	2162	TURBINATE FRACTURE
1661	2NDRY OCULAR IMP INSERT	2169	TURBINECTOMY NEC
1662	REVIS/REINSERT OCUL IMP	2172	OPEN REDUCTION NASAL FX
1663	REVIS ENUC SOCKET W GRFT	2182	NASAL FISTULA CLOSURE
1664	ENUC SOCKET REVIS NEC	2183	TOT NASAL RECONSTRUCTION
1665	2NDRY EXENT CAVITY GRAFT	2184	REVISION RHINOPLASTY
1666	REVIS EXENTER CAVITY NEC	2185	AUGMENTATION RHINOPLASTY
1669	2ND OP POST EYE REM NEC	2186	LIMITED RHINOPLASTY
1671	REMOVE OCULAR IMPLANT	2187	RHINOPLASTY NEC
1672	REMOVE ORBITAL IMPLANT	2188	SEPTOPLASTY NEC
1681	REPAIR OF ORBITAL WOUND	2189	NASAL REPAIR NEC
1682	REPAIR EYEBALL RUPTURE	2199	NASAL OPERATION NEC
1689	EYE/ORBIT INJ REPAIR NEC	2212	OPEN BIOPSY NASAL SINUS
1692	EXCISION ORBITAL LESION	2231	RADICAL MAXILLARY ANTROT
1693	EXCISION EYE LESION NOS	2239	EXT MAXILLARY ANTROT NEC
1698	OPERATION ON ORBIT NEC	2241	FRONTAL SINUSOTOMY
1699	OPERATION ON EYEBALL NEC	2242	FRONTAL SINUSECTOMY
1821	PREAURICULAR SINUS EXCIS	2250	SINUSOTOMY NOS

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2251	ETHMOIDOTOMY	293	DESTRUCT PHARYNGEAL LES
2252	SPHENOIDOTOMY	2931	CRICOPHARYNGEAL MYOTOMY
2253	MULTIPLE SINUS INCISION	2932	PHARYNGEAL DIVERTICULEC
2260	SINUSECTOMY NOS	2933	PHARYNGECTOMY
2261	C-LUC EXC MAX SINUS LES	2939	EXCIS/DESTR LES PHAR NEC
2262	EXC MAX SINUS LESION NEC	294	PLASTIC OP ON PHARYNX
2263	ETHMOIDECTOMY	2951	SUTURE OF PHARYNGEAL LAC
2264	SPHENOIDECTOMY	2952	CLOS BRANCH CLEFT FISTUL
2271	NASAL SINUS FISTULA CLOS	2953	CLOS PHARYNX FISTULA NEC
2279	NASAL SINUS REPAIR NEC	2954	LYSIS PHARYNGEAL ADHES
229	OTHER NASAL SINUS OPS	2959	PHARYNGEAL REPAIR NEC
242	GINGIVOPLASTY	2992	DIVIS GLOSSOPHARYNG NERV
244	EXC OF DENTAL LES OF JAW	2999	PHARYNGEAL OPERATION NEC
245	ALVEOLOPLASTY	3001	LARYNX CYST MARSUPIALIZ
2502	OPEN BIOPSY OF TONGUE	3009	DESTRUCT LARYNX LES NEC
251	DESTRUCTION TONGUE LES	301	HEMILARYNGECTOMY
252	PARTIAL GLOSSECTOMY	3021	EPIGLOTTIDECTOMY
253	COMPLETE GLOSSECTOMY	3022	VOCAL CORDECTOMY
254	RADICAL GLOSSECTOMY	3029	OTHER PART LARYNGECTOMY
2559	REPAIR OF TONGUE NEC	303	COMPLETE LARYNGECTOMY
2594	OTHER GLOSSOTOMY	304	RADICAL LARYNGECTOMY
2599	TONGUE OPERATION NEC	3121	MEDIASTINAL TRACHEOSTOMY
2612	OPEN BX SALIV GLAND/DUCT	3129	OTHER PERM TRACHEOSTOMY
2621	SALIVARY CYST MARSUPIAL	313	INCIS LARYNX TRACHEA NEC
2629	SALIV LESION EXCIS NEC	3145	OPN BX LARYNX OR TRACHEA
2630	SIALOADENECTOMY NOS	315	LOCAL DESTRUC TRACH LES
2631	PARTIAL SIALOADENECTOMY	3161	SUTURE OF LARYNGEAL LAC
2632	COMPLETE SIALOADENECTOMY	3162	LARYNGEAL FISTULA CLOS
2641	SUTURE OF SALIV GLND LAC	3163	LARYNGOSTOMY REVISION
2642	SALIVARY FISTULA CLOSURE	3164	LARYNGEAL FX REPAIR
2649	SALIVARY REPAIR NEC	3169	OTHER LARYNGEAL REPAIR
2699	SALIVARY OPERATION NEC	3171	SUTURE OF TRACHEAL LACER
270	DRAIN FACE & MOUTH FLOOR	3172	CLOSURE OF TRACHEOSTOMY
271	INCISION OF PALATE	3173	TRACHEA FISTULA CLOS NEC
2721	BONY PALATE BIOPSY	3174	REVISION OF TRACHEOSTOMY
2722	UVULA AND SOFT PALATE BX	3175	TRACHEAL RECONSTRUCTION
2731	LOC EXC BONY PALATE LES	3179	OTHER TRACHEAL REPAIR
2732	WIDE EXC BONY PALATE LES	3191	LARYNGEAL NERV DIVISION
2742	WIDE EXCISION OF LIP LES	3192	LYSIS TRACH/LARYNX ADHES
2743	EXCISION OF LIP LES NEC	3198	OTH LARYNGEAL OPERATION
2749	EXCISION OF MOUTH NEC	3199	OTHER TRACHEAL OPERATION
2753	CLOSURE OF MOUTH FISTULA	3209	OTHER DESTRUC BRONC LES
2754	REPAIR OF CLEFT LIP	321	OTHER BRONCHIAL EXCISION
2755	FULL-THICK GRFT TO MOUTH	3221	EMPHYSEMA BLEB PPLICATION
2756	SKIN GRAFT TO MOUTH NEC	3228	ENDOSC DESTRUC LUNG LES
2757	PEDICLE ATTACH TO MOUTH	3229	DESTROY LOC LUNG LES NEC
2759	MOUTH REPAIR NEC	323	SEGMENTAL LUNG RESECTION
2761	SUTURE OF PALATE LACERAT	324	LOBECTOMY OF LUNG
2762	CLEFT PALATE CORRECTION	325	COMPLETE PNEUMONECTOMY
2763	REVIS CLEFT PALAT REPAIR	326	RAD DISSEC THORAC STRUCT
2769	OTH PLASTIC REPAIR PALAT	329	OTHER EXCISION OF LUNG
2771	INCISION OF UVULA	330	INCISION OF BRONCHUS
2772	EXCISION OF UVULA	331	INCISION OF LUNG
2773	REPAIR OF UVULA	3324	CLOSED BRONCHIAL BIOPSY
2779	OTHER UVULA OPERATIONS	3325	OPEN BRONCHIAL BIOPSY
2792	MOUTH INCISION NOS	3327	CLOS ENDOSCOPIC LUNG BX
2799	ORAL CAVITY OPS NEC	3328	OPEN LUNG BIOPSY
280	PERITONSILLAR I & D	3329	BRONCH/LUNG DX PROC NEC
2811	TONSIL&ADENOID BIOPSY	3334	THORACOPLASTY
2819	TONSIL&ADENOID DX OP NEC	3339	SURG COLLAPS OF LUNG NEC
282	TONSILLECTOMY	3341	BRONCHIAL LACERAT SUTURE
283	TONSILLECTOMY/ADENOIDEC	3342	BRONCHIAL FISTULA CLOS
284	EXCISION OF TONSIL TAG	3343	LUNG LACERATION CLOSURE
285	EXCISION LINGUAL TONSIL	3348	BRONCHIAL REPAIR NEC
286	ADENOIDECTOMY	3349	LUNG REPAIR NEC
287	HEMORR CONTRL POST T & A	335	LUNG TRANSPLANT
2891	INCIS TO REMOV TONSIL FB	336	COMB HEART/LUNG TRANSPLA
2892	EXCIS TONSIL/ADENOID LES	3392	BRONCHIAL LIGATION
2899	TONSIL/ADENOID OPS NEC	3393	PUNCTURE OF LUNG
290	PHARYNGOTOMY	3398	BRONCHIAL OPERATION NEC
292	EXC BRONCHIAL CLEFT CYST	3399	LUNG OPERATION NEC

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3402	EXPLORATORY THORACOTOMY	3594	CONDUIT ARTIUM-PULM ART
3403	REOPEN THORACOTOMY SITE	3595	HEART REPAIR REVISION
341	INCISION OF MEDIASTINUM	3596	PERC HEART VALVULOPLASTY
3421	TRANSPLEURA THORACOSCOPY	3598	OTHER HEART SEPTA OPS
3422	MEDIASTINOSCOPY	3599	OTHER HEART VALVE OPS
3426	OPEN MEDIASTINAL BIOPSY	3601	PTCA-1 VESSEL W/O AGENT
3427	BIOPSY OF DIAPHRAGM	3602	PTCA-1 VESSEL WITH AGNT
3428	DX PROCEDURE THORAX NEC	3603	OPEN CORONRY ANGIOPLASTY
3429	DX PROC MEDIASTINUM NEC	3605	PTCA-MULTIPLE VESSEL
343	DESTRUCT MEDIASTIN LES	3609	OTH REMV CORONRY ART OBS
344	DESTRUCT CHEST WALL LES	3610	AORTOCORONARY BYPASS NOS
3451	DECORTICATION OF LUNG	3611	AORTOCOR BYPAS-1 COR ART
3459	OTHER PLEURAL EXCISION	3612	AORTOCOR BYPAS-2 COR ART
346	SCARIFICATION OF PLEURA	3613	AORTOCOR BYPAS-3 COR ART
3473	CLOS THORACIC FISTUL NEC	3614	AORTCOR BYPAS-4+ COR ART
3474	PECTUS DEFORMITY REPAIR	3615	1 INT MAM-COR ART BYPASS
3479	OTHER CHEST WALL REPAIR	3616	2 INT MAM-COR ART BYPASS
3481	EXCISE DIAPHRAGM LESION	3619	HRT REVAS BYPS ANAS NEC
3482	SUTURE DIAPHRAGM LACERAT	362	ARTERIAL IMPLANT REVASC
3483	CLOSE DIAPHRAGM FISTULA	363	HEART REVASCULARIZAT NEC
3484	OTHER DIAPHRAGM REPAIR	3691	CORON VESS ANEURYSM REP
3485	IMPLANT DIAPHRA PACEMAKE	3699	HEART VESSEL OP NEC
3489	DIAPHRAGM OPERATION NEC	3710	INCISION OF HEART NOS
3493	REPAIR OF PLEURA	3711	CARDIOTOMY
3499	THORACIC OPERATION NEC	3712	PERICARDIOTOMY
3500	CLOSED VALVOTOMY NOS	3724	PERICARDIAL BIOPSY
3501	CLOSED AORTIC VALVOTOMY	3731	PERICARDIECTOMY
3502	CLOSED MITRAL VALVOTOMY	3732	HEART ANEURYSM EXCISION
3503	CLOSED PULMON VALVOTOMY	3733	EXC/DEST OTH HRT LESION
3504	CLOSED TRICUSP VALVOTOMY	3734	CATH ABLATION LES HEART
3510	OPEN VALVULOPLASTY NOS	374	HEART & PERICARD REPAIR
3511	OPN AORTIC VALVULOPLASTY	375	HEART TRANSPLANTATION
3512	OPN MITRAL VALVULOPLASTY	3761	PULSATION BALLOON IMPLAN
3513	OPN PULMON VALVULOPLASTY	3762	IMPLANT HRT ASST SYS NEC
3514	OPN TRICUS VALVULOPLASTY	3763	REPLACE HRT ASSIST SYST
3520	REPLACE HEART VALVE NOS	3764	REMOVE HEART ASSIST SYS
3521	REPLACE AORT VALV-TISSUE	3774	INT OR REPL LEAD EPICAR
3522	REPLACE AORTIC VALVE NEC	3775	REVISION OF LEAD
3523	REPLACE MITR VALV-TISSUE	3776	REPL TV ATRI-VENT LEAD
3524	REPLACE MITRAL VALVE NEC	3777	REMOVAL OF LEAD W/O REPL
3525	REPLACE PULM VALV-TISSUE	3779	REVIS OR RELOCATE POCKET
3526	REPLACE PULMON VALVE NEC	3780	INT OR REPL PERM PACEMKR
3527	REPLACE TRIC VALV-TISSUE	3785	REPL PACEM W 1-CHAM, NON
3528	REPLACE TRICUSP VALV NEC	3786	REPL PACEM 1-CHAM, RATE
3531	PAPILLARY MUSCLE OPS	3787	REPL PACEM W DUAL-CHAM
3532	CHORDAE TENDINEAE OPS	3789	REVISE OR REMOVE PACEMAK
3533	ANNULOPLASTY	3791	OPN CHEST CARDIAC MASSAG
3534	INFUNDIBULECTOMY	3794	IMPLT/REPL CARDDEFIB TOT
3535	TRABECUL CARNEAE CORD OP	3795	IMPLT CARDIODEFIB LEADS
3539	TISS ADJ TO VALV OPS NEC	3796	IMPLT CARDIODEFIB GENATR
3542	CREATE SEPTAL DEFECT	3797	REPL CARDIODEFIB LEADS
3550	PROSTH REP HRT SEPTA NOS	3798	REPL CARDIODEFIB GENRATR
3551	PROS REP ATRIAL DEF-OPN	3799	OTHER HEART/PERICARD OPS
3552	PROS REPAIR ATRIA DEF-CL	3800	INCISION OF VESSEL NOS
3553	PROST REPAIR VENTRIC DEF	3801	INTRACRAN VESSEL INCIS
3554	PROS REP ENDOCAR CUSHION	3802	HEAD/NECK VES INCIS NEC
3560	GRFT REPAIR HRT SEPT NOS	3803	UPPER LIMB VESSEL INCIS
3561	GRAFT REPAIR ATRIAL DEF	3804	INCISION OF AORTA
3562	GRAFT REPAIR VENTRIC DEF	3805	THORACIC VESSEL INC NEC
3563	GRFT REP ENDOCAR CUSHION	3806	ABDOMEN ARTERY INCISION
3570	HEART SEPTA REPAIR NOS	3807	ABDOMINAL VEIN INCISION
3571	ATRIA SEPTA DEF REP NEC	3808	LOWER LIMB ARTERY INCIS
3572	VENTR SEPTA DEF REP NEC	3809	LOWER LIMB VEIN INCISION
3573	ENDOCAR CUSHION REP NEC	3810	ENDARTERECTOMY NOS
3581	TOT REPAIR TETRAL FALLOT	3811	INTRACRAN ENDARTERECTOMY
3582	TOTAL REPAIR OF TAPVC	3812	HEAD & NECK ENDARTER NEC
3583	TOT REP TRUNCUS ARTERIOS	3813	UPPER LIMB ENDARTERECTOM
3584	TOT COR TRANSPOS GRT VES	3814	ENDARTERECTOMY OF AORTA
3591	INTERAT VEN RETRN TRANSP	3815	THORACIC ENDARTERECTOMY
3592	CONDUIT RT VENT-PUL ART	3816	ABDOMINAL ENDARTERECTOMY
3593	CONDUIT LEFT VENTR-AORTA	3818	LOWER LIMB ENDARTERECT

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3821	BLOOD VESSEL BIOPSY	3954	RE-ENTRY OPERATION
3829	BLOOD VESSEL DX PROC NEC	3955	REIMPLAN ABERR RENAL VES
3830	VESSEL RESECT/ANAST NOS	3956	REPAIR VESS W TIS PATCH
3831	INTRACRAN VES RESEC-ANAS	3957	REP VESS W SYNTH PATCH
3832	HEAD/NECK VES RESEC-ANAS	3958	REPAIR VESS W PATCH NOS
3833	ARM VESSEL RESECT/ANAST	3959	REPAIR OF VESSEL NEC
3834	AORTA RESECTION & ANAST	397	PERIARTER SYMPATHECTOMY
3835	THOR VESSEL RESECT/ANAST	398	VASCULAR BODY OPERATIONS
3836	ABD VESSEL RESECT/ANAST	3991	FREEING OF VESSEL
3837	ABD VEIN RESECT & ANAST	3992	VEIN INJECT-SCLEROS AGNT
3838	LEG ARTERY RESECT/ANAST	3993	INSERT VES-TO-VES CANNUL
3839	LEG VEIN RESECT/ANASTOM	3994	REPLAC VES-TO-VES CANNUL
3840	VESSEL RESECT/REPLAC NOS	3998	HEMORRHAGE CONTROL NOS
3841	INTRACRAN VES RESEC-REPL	3999	VESSEL OPERATION NEC
3842	HEAD/NECK VES RESEC-REPL	400	INCIS LYMPHATIC STRUCTUR
3843	ARM VES RESECT W REPLACE	4011	LYMPHATIC STRUCT BIOPSY
3844	RESECT ABDM AORTA W REPL	4019	LYMPHATIC DIAG PROC NEC
3845	RESECT THORAC VES W REPL	4021	EXCIS DEEP CERVICAL NODE
3846	ABD ARTERY RESEC W REPLA	4022	EXCISE INT MAMMARY NODE
3847	ABD VEIN RESECT W REPLAC	4023	EXCISE AXILLARY NODE
3848	LEG ARTERY RESEC W REPLA	4024	EXCISE INGUINAL NODE
3849	LEG VEIN RESECT W REPLAC	4029	SIMP EXC LYMPH STRUC NEC
3850	VARICOSE V LIG-STRIP NOS	403	REGIONAL LYMPH NODE EXC
3851	INTCRAN VAR V LIG-STRIP	4040	RAD NECK DISSECTION NOS
3852	HEAD/NECK VAR V LIG-STR	4041	UNILAT RAD NECK DISSECT
3853	ARM VARICOSE V LIG-STRIP	4042	BILAT RAD NECK DISSECT
3855	THORAC VAR V LIG-STRIP	4050	RAD NODE DISSECTION NOS
3857	ABD VARICOS V LIGA-STRIP	4051	RAD DISSEC AXILLARY NODE
3859	LEG VARICOS V LIGA-STRIP	4052	RAD DISSEC PERIAORT NODE
3860	EXCISION OF VESSEL NOS	4053	RAD DISSECT ILIAC NODES
3861	INTRACRAN VESSEL EXCIS	4054	RADICAL GROIN DISSECTION
3862	HEAD/NECK VESSEL EXCIS	4059	RAD NODE DISSECTION NEC
3863	ARM VESSEL EXCISION	4061	THORAC DUCT CANNULATION
3864	EXCISION OF AORTA	4062	THORACIC DUCT FISTULIZAT
3865	THORACIC VESSEL EXCISION	4063	CLOSE THORACIC DUCT FIST
3866	ABDOMINAL ARTERY EXCIS	4064	LIGATE THORACIC DUCT
3867	ABDOMINAL VEIN EXCISION	4069	THORACIC DUCT OP NEC
3868	LEG ARTERY EXCISION	409	LYMPH STRUCTURE OP NEC
3869	LEG VEIN EXCISION	4100	BONE MARROW TRNSPLNT NOS
387	INTERRUPTION VENA CAVA	4101	AUT BONE MARROW TRNSPLNT
3880	SURG VESSEL OCCLUS NEC	4102	ALO BONE MARROW TRNSPLNT
3881	OCCLUS INTRACRAN VES NEC	4103	ALLOGRFT BONE MARROW NOS
3882	OCCLUS HEAD/NECK VES NEC	412	SPLENOTOMY
3883	OCCLUDE ARM VESSEL NEC	4133	OPEN SPLEEN BIOPSY
3884	OCCLUDE AORTA NEC	4141	SPLENIC CYST MARSUPIAL
3885	OCCLUDE THORACIC VES NEC	4142	EXC SPLENIC LESION/TISS
3886	OCCLUDE ABD ARTERY NEC	4143	PARTIAL SPLENECTOMY
3887	OCCLUDE ABD VEIN NEC	415	TOTAL SPLENECTOMY
3888	OCCLUDE LEG ARTERY NEC	4193	EXC OF ACCESSORY SPLEEN
3889	OCCLUDE LEG VEIN NEC	4194	SPLEEN TRANSPLANTATION
390	SYSTEMIC-PULM ART SHUNT	4195	REPAIR OF SPLEEN
391	INTRA-ABD VENOUS SHUNT	4199	SPLEEN OPERATION NEC
3921	CAVAL-PULMON ART ANASTOM	4201	ESOPHAGEAL WEB INCISION
3922	AORTA-SUBCLV-CAROT BYPAS	4209	ESOPHAGEAL INCISION NEC
3923	INTRATHORACIC SHUNT NEC	4210	ESOPHAGOSTOMY NOS
3924	AORTA-RENAL BYPASS	4211	CERVICAL ESOPHAGOSTOMY
3925	AORTA-ILIAC-FEMOR BYPASS	4212	ESOPH POUCH EXTERIORIZAT
3926	INTRA-ABDOMIN SHUNT NEC	4219	EXT FISTULIZAT ESOPH NEC
3927	DIALYSIS ARTERIOVENOSTOM	4221	ESOPHAGOSCOPY BY INCIS
3928	EXTRACRAN-INTRACR BYPASS	4225	OPEN BIOPSY OF ESOPHAGUS
3929	VASC SHUNT & BYPASS NEC	4231	LOC EXCIS ESOPH DIVERTIC
3930	SUTURE OF VESSEL NOS	4232	LOCAL EXCIS ESOPHAG NEC
3931	SUTURE OF ARTERY	4239	DESTRUCT ESOPHAG LES NEC
3932	SUTURE OF VEIN	4240	ESOPHAGECTOMY NOS
3941	POSTOP VASC OP HEM CONTR	4241	PARTIAL ESOPHAGECTOMY
3942	REVIS REN DIALYSIS SHUNT	4242	TOTAL ESOPHAGECTOMY
3943	REMOV REN DIALYSIS SHUNT	4251	THORAC ESOPHAGOSOPHAGOS
3949	VASC PROC REVISION NEC	4252	THORAC ESOPHAGOGASTROST
3951	CLIPPING OF ANEURYSM	4253	THORAC SM BOWEL INTERPOS
3952	ANEURYSM REPAIR NEC	4254	THORAC ESOPHAGOENTER NEC
3953	ARTERIOVEN FISTULA REP	4255	THORAC LG BOWEL INTERPOS

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4256	THORAC ESOPHAGOCOLOS NEC	4561	MULT SEG SM BOWEL EXCIS
4258	THORAC INTERPOSITION NEC	4562	PART SM BOWEL RESECT NEC
4259	THORAC ESOPHAG ANAST NEC	4563	TOTAL REMOVAL SM BOWEL
4261	STERN ESOPHAGUESOPHAGOST	4571	MULT SEG LG BOWEL EXCIS
4262	STERN ESOPHAGOGASTROSTOM	4572	CECECTOMY
4263	STERN SM BOWEL INTERPOS	4573	RIGHT HEMICOLECTOMY
4264	STERN ESOPHAGOENTER NEC	4574	TRANSVERSE COLON RESECT
4265	STERN LG BOWEL INTERPOS	4575	LEFT HEMICOLECTOMY
4266	STERN ESOPHAGOCOLOS NEC	4576	SIGMOIDECTOMY
4268	STERN INTERPOSITION NEC	4579	PART LG BOWEL EXCIS NEC
4269	STERN ESOPHAG ANAST NEC	458	TOT INTRA-ABD COLECTOMY
427	ESOPHAGOMYOTOMY	4590	INTESTINAL ANASTOM NOS
4282	SUTURE ESOPHAGEAL LACER	4591	SM-TO-SM BOWEL ANASTOM
4283	ESOPHAGOSTOMY CLOSURE	4592	SM BOWEL-RECT STUMP ANAS
4284	ESOPH FISTULA REPAIR NEC	4593	SMALL-TO-LARGE BOWEL NEC
4285	ESOPHAG STRICTURE REPAIR	4594	LG-TO-LG BOWEL ANASTOM
4286	PROD SUBQ TUNNEL NO ANAS	4595	ANAL ANASTOMOSIS
4287	ESOPHAGEAL GRAFT NEC	4601	SM BOWEL EXTERIORIZATION
4289	ESOPHAGEAL REPAIR NEC	4602	RESECT EXT SEG SM BOWEL
4291	LIGATION ESOPH VARIX	4603	LG BOWEL EXTERIORIZATION
430	GASTROTOMY	4604	RESECT EXT SEG LG BOWEL
433	PYLOROMYOTOMY	4610	COLOSTOMY NOS
4342	LOCAL GASTR EXCISION NEC	4611	TEMPORARY COLOSTOMY
4349	LOCAL GASTR DESTRUCT NEC	4613	PERMANENT COLOSTOMY NEC
435	PROXIMAL GASTRECTOMY	4620	ILEOSTOMY NOS
436	DISTAL GASTRECTOMY	4621	TEMPORARY ILEOSTOMY
437	PART GASTREC W JEJ ANAST	4622	CONTINENT ILEOSTOMY
4381	PART GAST W JEJ TRANSPOS	4623	PERMANENT ILEOSTOMY NEC
4389	PARTIAL GASTRECTOMY NEC	4640	INTEST STOMA REVIS NOS
4391	TOT GAST W INTES INTERPO	4641	SM BOWEL STOMA REVISION
4399	TOTAL GASTRECTOMY NEC	4642	PERICOLEST HERNIA REPAIR
4400	VAGOTOMY NOS	4643	LG BOWEL STOMA REVIS NEC
4401	TRUNCAL VAGOTOMY	4650	INTEST STOMA CLOSURE NOS
4402	HIGHLY SELECT VAGOTOMY	4651	SM BOWEL STOMA CLOSURE
4403	SELECTIVE VAGOTOMY NEC	4652	LG BOWEL STOMA CLOSURE
4411	TRANSABDOMIN GASTROSCOPY	4660	INTESTINAL FIXATION NOS
4415	OPEN GASTRIC BIOPSY	4661	SM BOWEL-ABD WALL FIXAT
4421	DILATE PYLORUS, INCISION	4662	SMALL BOWEL FIXATION NEC
4429	OTHER PYLOROPLASTY	4663	LG BOWEL-ABD WALL FIXAT
4431	HIGH GASTRIC BYPASS	4664	LARGE BOWEL FIXATION NEC
4439	GASTROENTEROSTOMY NEC	4671	DUODENAL LACERAT SUTURE
4440	SUTURE PEPTIC ULCER NOS	4672	DUODENAL FISTULA CLOSURE
4441	SUT GASTRIC ULCER SITE	4673	SMALL BOWEL SUTURE NEC
4442	SUTURE DUODEN ULCER SITE	4674	CLOSE SM BOWEL FIST NEC
445	REVISION GASTRIC ANASTOM	4675	SUTURE LG BOWEL LACERAT
4461	SUTURE GASTRIC LACERAT	4676	CLOSE LG BOWEL FISTULA
4463	CLOSE GASTRIC FISTUL NEC	4679	REPAIR OF INTESTINE NEC
4464	GASTROPEXY	4680	INTRA-AB BOWEL MANIP NOS
4465	ESOPHAGOGASTROPLASTY	4681	INTRA-ABD SM BOWEL MANIP
4466	CREAT ESOPHAGASTR SPHINC	4682	INTRA-ABD LG BOWEL MANIP
4469	GASTRIC REPAIR NEC	4691	MYOTOMY OF SIGMOID COLON
4491	LIGATE GASTRIC VARICES	4692	MYOTOMY OF COLON NEC
4492	INTRAOP GASTRIC MANIPUL	4693	REVISE SM BOWEL ANASTOM
4499	GASTRIC OPERATION NEC	4694	REVISE LG BOWEL ANASTOM
4500	INTESTINAL INCISION NOS	4699	INTESTINAL OP NEC
4501	DUODENAL INCISION	470	APPENDECTOMY
4502	SMALL BOWEL INCISION NEC	471	INCIDENTAL APPENDECTOMY
4503	LARGE BOWEL INCISION	472	DRAIN APPENDICEAL ABSC
4511	TRANSAB SM BOWEL ENDOSC	4791	APPENDICOSTOMY
4515	OPEN SMALL BOWEL BIOPSY	4792	CLOSE APPENDICEAL FISTUL
4521	TRANSAB LG BOWEL ENDOSC	4799	APPENDICEAL OPS NEC
4526	OPEN LARGE BOWEL BIOPSY	480	PROCTOTOMY
4531	OTH EXCISE DUODENUM LES	481	PROCTOSTOMY
4532	DESTRUCT DUODEN LES NEC	4821	TRANSAB PROCTOSIGMOIDOSC
4533	LOCAL EXCIS SM BOWEL NEC	4825	OPEN RECTAL BIOPSY
4534	DESTR SM BOWEL LES NEC	4835	LOCAL EXCIS RECTAL LES
4541	EXCISE LG INTESTINE LES	4841	SOAVE SUBMUC RECT RESECT
4549	DESTRUC LG BOWEL LES NEC	4849	PULL-THRU RECT RESEC NEC
4550	INTEST SEG ISOLAT NOS	485	ABD-PERINEAL RECT RESECT
4551	SM BOWEL SEGMENT ISOLAT	4861	TRANSAC RECTOSIGMOIDECT
4552	LG BOWEL SEGMENT ISOLAT	4862	ANT RECT RESECT W COLOST

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4863	ANTERIOR RECT RESECT NEC	5143	CHOLEDOCHOHEPAT INTUBAT
4864	POSTERIOR RECT RESECTION	5149	INCIS OBSTR BILE DUC NEC
4865	DUHAMEL RECTAL RESECTION	5151	COMMON DUCT EXPLORATION
4869	RECTAL RESECTION NEC	5159	BILE DUCT INCISION NEC
4871	SUTURE OF RECTAL LACER	5161	EXCIS CYST DUCT REMNANT
4872	CLOSURE OF PROCTOSTOMY	5162	EXCIS AMPULLA OF VATER
4873	CLOSE RECTAL FIST NEC	5163	COMMON DUCT EXCIS NEC
4874	RECTORECTOSTOMY	5169	BILE DUCT EXCISION NEC
4875	ABDOMINAL PROCTOPEXY	5171	SIMPLE SUT-COMMON DUCT
4876	PROCTOPEXY NEC	5172	CHOLEDOCHOPLASTY
4879	REPAIR OF RECTUM NEC	5179	BILE DUCT REPAIR NEC
4881	PERIRECTAL INCISION	5181	SPHINCTER OF ODDI DILAT
4882	PERIRECTAL EXCISION	5182	PANCREAT SPHINCTEROTOM
4891	INCIS RECTAL STRICTURE	5183	PANCREAT SPHINCTEROPLAS
4892	ANORECTAL MYOMECTOMY	5189	SPHINCT OF ODDI OP NEC
4893	REPAIR PERIRECT FISTULA	5191	REPAIR GB LACERATION
4899	RECTAL PERIRECT OP NEC	5192	CLOSURE CHOLECYSTOSTOMY
4901	INCIS PERIANAL ABSCESS	5193	CLOS BILIARY FISTUL NEC
4902	PERIANAL INCISION NEC	5194	REVIS BILE TRACT ANASTOM
4904	PERIANAL EXCISION NEC	5195	REMOVE BILE DUCT PROSTH
4911	ANAL FISTULOTOMY	5199	BILIARY TRACT OP NEC
4912	ANAL FISTULECTOMY	5201	CATH DRAIN-PANCREAT CYST
4939	OTHER DESTRUC ANUS LES	5209	PANCREATOTOMY NEC
4944	HEMORRHOID CRYOTHERAPY	5212	OPEN PANCREATIC BIOPSY
4945	HEMORRHOID LIGATION	5219	PANCREATIC DX PROC NEC
4946	HEMORRHOIDECTOMY	5222	OTHER DESTRU PANCREA LES
4949	HEMORRHOID PROCEDURE NEC	523	PANCREAT CYST MARSUPIALI
4951	LEFT LAT SPHINCTEROTOMY	524	INT DRAIN PANCREAT CYST
4952	POST SPHINCTEROTOMY	5251	PROXIMAL PANCREATECTOMY
4959	ANAL SPHINCTEROTOMY NEC	5252	DISTAL PANCREATECTOMY
496	EXCISION OF ANUS	5253	RAD SUBTOT PANCREATECTOM
4971	SUTURE ANAL LACERATION	5259	PARTIAL PANCREATECT NEC
4972	ANAL CERCLAGE	526	TOTAL PANCREATECTOMY
4973	CLOSURE OF ANAL FISTULA	527	RAD PANCREATICODUODENECT
4974	GRACILIS MUSC TRANSPLAN	5280	PANCREAT TRANSPLANT NOS
4979	ANAL SPHINCT REPAIR NEC	5281	REIMPLANT PANCREATIC TIS
4991	INCISION OF ANAL SEPTUM	5282	PANCREATIC HOMOTRANSPLAN
4992	INSERT SUBQ ANAL STIMUL	5283	PANCREATIC HETEROTRANSPL
4993	ANAL INCISION NEC	5292	CANNULATION PANCREA DUC
4994	REDUCTION ANAL PROLAPSE	5295	PANCREATIC REPAIR NEC
4995	CONTROL ANAL HEMORRHAGE	5296	PANCREATIC ANASTOMOSIS
4999	ANAL OPERATION NEC	5299	PANCREATIC OPERATION NEC
500	HEPATOTOMY	5300	UNILAT ING HERN REP NOS
5012	OPEN LIVER BIOPSY	5301	REPAIR DIRECT ING HERNIA
5019	HEPATIC DX PROC NEC	5302	REPAIR INDIR ING HERNIA
5021	MARSUPIALIZAT LIVER LES	5303	DIR ING HERNIA REP-GRAFT
5022	PARTIAL HEPATECTOMY	5304	IND ING HERNIA REP-GRAFT
5029	DESTRUC HEPATIC LES NEC	5305	ING HERNIA REP-GRAFT NOS
503	HEPATIC LOBECTOMY	5310	BILAT ING HERNIA REP NOS
504	TOTAL HEPATECTOMY	5311	BILAT DIR ING HERN REP
5051	AUXILIARY LIVER TRANSPL	5312	BILAT IND ING HERN REP
5059	LIVER TRANSPLANT NEC	5313	BIL DIR/IND ING HRN REP
5061	CLOSURE LIVER LACERAT	5314	BIL DIR ING HRN REP-GRFT
5069	LIVER REPAIR NEC	5315	BIL IND ING HRN REP-GRFT
5102	TROCAR CHOLECYSTOSTOMY	5316	BIL DIR/IND ING HERN-PRO
5103	CHOLECYSTOSTOMY NEC	5317	BIL ING HRN REP-GRFT NOS
5104	CHOLECYSTOTOMY NEC	5321	UNIL FEMOR HRN REP-GRFT
5113	OPEN BILIARY TRACT BX	5329	UNIL FEMOR HERN REP NEC
5119	BILIARY TR DX PROC NEC	5331	BIL FEM HERN REPAIR NEC
5122	TOTAL CHOLECYSTECTOMY	5339	BIL FEM HERN REPAIR NEC
5123	LAP CHOLE	5341	UMBIL HERNIA REPAIR-GRFT
5131	GB-TO-HEPAT DUCT ANAST	5349	UMBIL HERNIA REPAIR NEC
5132	GB-TO-INTESTINE ANASTOM	5351	INCISIONAL HERNIA REPAIR
5133	GB-TO-PANCREAS ANASTOM	5359	ABD WALL HERN REPAIR NEC
5134	GB-TO-STOMACH ANASTOMOS	5361	INCIS HERNIA REPAIR-GRFT
5135	GALLBLADDER ANASTOM NEC	5369	ABD HERN REPAIR-GRFT NEC
5136	CHOLEDOCHOENTEROSTOMY	537	ABD REPAIR-DIAPHR HERNIA
5137	HEPATIC DUCT-GI ANASTOM	5380	THOR REP-DIAPH HERN NOS
5139	BILE DUCT ANASTOMOS NEC	5381	DIAPHRAGMATIC PLICATION
5141	CDE FOR CALCULUS REMOV	5382	PARASTERN HERNIA REPAIR
5142	CDE FOR OBSTRUCTION NEC	539	OTHER HERNIA REPAIR

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540	ABDOMINAL WALL INCISION	5679	URETERAL ANASTOMOSIS NEC
5411	EXPLORATORY LAPAROTOMY	5681	INTRALUM URETE ADHESIOLY
5412	REOPEN RECENT LAP SITE	5682	SUTURE URETERAL LACERAT
5419	LAPAROTOMY NEC	5683	URETEROSTOMY CLOSURE
5421	LAPAROSCOPY	5684	CLOSE URETER FISTULA NEC
5422	ABDOMINAL WALL BIOPSY	5685	URETEROPEXY
5423	PERITONEAL BIOPSY	5686	REMOVE URETERAL LIGATURE
5429	ABD REGION DX PROC NEC	5689	REPAIR OF URETER NEC
543	DESTRUCT ABD WALL LESION	5692	IMPLANT URETERAL STIMUL
544	DESTRUCT PERITONEAL TISS	5693	REPLACE URETERAL STIMUL
545	PERITONEAL ADHESIOLYSIS	5694	REMOVE URETERAL STIMULAT
5461	RECLOSE POST OP DISRUPT	5695	LIGATION OF URETER
5462	DELAYED CLOS ABD WOUND	5699	URETERAL OPERATION NEC
5463	ABD WALL SUTURE NEC	5712	CYSTOTOMY & ADHESIOLYSIS
5464	PERITONEAL SUTURE	5718	OTHER SUPRAPU CYSTOSTOMY
5471	REPAIR OF GASTROSCHISIS	5719	CYSTOTOMY NEC
5472	ABDOMEN WALL REPAIR NEC	5721	VESICOSTOMY
5473	PERITONEAL REPAIR NEC	5722	REVISE CLO VESICOSTOMY
5474	OMENTAL REPAIR NEC	5733	CLOS TRANSURETH BLADD BX
5475	MESENTERIC REPAIR NEC	5734	OPEN BLADDER BIOPSY
5492	REMOVE FB FROM PERITON	5739	BLADDER DIAGNOS PROC NEC
5493	CREATE CUTANPERITON FIST	5741	TU ADHESIOLYSIS BLADDER
5494	CREAT PERITONEOVAS SHUNT	5749	TU DESTRUC BLADD LES NEC
5495	PERITONEAL INCISION	5751	EXCISION OF URACHUS
5501	NEPHROTOMY	5759	BLADDER LES DESTRUCT NEC
5502	NEPHROSTOMY	576	PARTIAL CYSTECTOMY
5503	PERCU NEPHROSTM W/O FRAG	5771	RADICAL CYSTECTOMY
5504	PERCU NEPHROSTMY W FRAG	5779	TOTAL CYSTECTOMY NEC
5511	PYELOTOMY	5781	SUTURE BLADDER LACERAT
5512	PYELOSTOMY	5782	CYSTOSTOMY CLOSURE
5524	OPEN RENAL BIOPSY	5783	ENTEROVESICO FIST REPAIR
5529	RENAL DIAGNOST PROC NEC	5784	VESIC FISTULA REPAIR NEC
5531	RENAL LES MARSUPIALIZAT	5785	CYSTOURETHROPLASTY
5539	LOC DESTR RENAL LES NEC	5786	BLADDER EXSTROPHY REPAIR
554	PARTIAL NEPHRECTOMY	5787	BLADDER RECONSTRUCTION
5551	NEPHROURETERECTOMY	5788	BLADDER ANASTOMOSIS NEC
5552	SOLITARY KIDNEY NEPHRECT	5789	BLADDER REPAIR NEC
5553	REJECTED KIDNEY NEPHRECT	5791	BLADDER SPHINCTEROTOMY
5554	BILATERAL NEPHRECTOMY	5793	CONTROL BLADD HEMORRHAGE
5561	RENAL AUTOTRANSPLANT	5796	IMPLANT BLADDER STIMULAT
5569	KIDNEY TRANSPLANT NEC	5797	REPLACE BLADDER STIMULAT
557	NEPHROPEXY	5798	REMOVE BLADDER STIMULAT
5581	SUTURE KIDNEY LACERATION	5799	BLADDER OPERATION NEC
5582	CLOSE NEPHROST & PYELOST	580	URETHROTOMY
5583	CLOSE RENAL FISTULA NEC	581	URETHRAL MEATOTOMY
5584	REDUCE RENAL PEDICL TORS	5841	SUTURE URETHRAL LACERAT
5585	SYMPHYSIOTOMY	5842	URETHROSTOMY CLOSURE
5586	RENAL ANASTOMOSIS	5843	CLOSE URETH FISTULA NEC
5587	CORRECT URETEROPELV JUNC	5844	URETHRAL REANASTOMOSIS
5589	RENAL REPAIR NEC	5845	HYPO-EPISPADIUS REPAIR
5591	RENAL DECAPSULATION	5846	URETH RECONSTRUCTION NEC
5597	IMPLANT MECHANIC KIDNEY	5847	URETHRAL MEATOPLASTY
5598	REMOV MECHANICAL KIDNEY	5849	URETHRAL REPAIR NEC
5599	RENAL OPERATION NEC	585	URETH STRICTURE RELEASE
560	TU REMOV URETER OBSTRUCT	5891	PERIURETHRAL INCISION
561	URETERAL MEATOTOMY	5892	PERIURETHRAL EXCISION
562	URETEROTOMY	5893	IMPLT ARTF URIN SPHINCT
5634	OPEN URETERAL BIOPSY	5899	URETH/PERIURETH OP NEC
5639	URETERAL DX PROCEDUR NEC	5900	RETROPERIT DISSECT NOS
5640	URETERECTOMY NOS	5901	URETEROLYS FOR FIBROSIS
5641	PARTIAL URETERECTOMY	5902	PERIREN ADHESIOLYS NEC
5642	TOTAL URETERECTOMY	5909	PERIREN/URETER INCIS NEC
5651	FORM CUTAN ILEOURETEROST	5911	PERIVESICAL ADHESIOLYSIS
5652	REVIS CUTAN ILEOURETEROS	5919	PERIVESICAL INCISION NEC
5661	FORM CUTAN URETEROSTOMY	5921	PERIREN/URETERAL BIOPSY
5662	REVIS CUTAN URETEROS NEC	5929	PERIREN/URET DX PROC NEC
5671	URIN DIVERSION TO BOWEL	593	URETHROVES JUNCT PLICAT
5672	REVIS URETEROENTEROSTOMY	594	SUPRAPUBIC SLING OP
5673	NEPHROCYSTANASTOMOSI NOS	595	RETROPUBIC URETH SUSPENS
5674	URETERONEOCYSTOSTOMY	596	PARAURETHRAL SUSPENSION
5675	TRANSURETEROURETEROSTOMY	5971	LEVATOR MUSC SUSPENSION

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5979	URIN INCONTIN REPAIR NEC	6492	INCISION OF PENIS
5991	PERIREN/VESICLE EXCISION	6493	DIVISION OF PENILE ADHES
5992	PERIREN/VESICLE OP NEC	6495	INS NONINFL PENIS PROSTH
600	INCISION OF PROSTATE	6496	REMOVE INT PENILE PROSTH
6012	OPEN PROSTATIC BIOPSY	6497	INS INFLATE PENIS PROSTH
6014	OPEN SEMINAL VESICLES BX	6498	PENILE OPERATION NEC
6015	PERIPROSTATIC BIOPSY	6499	MALE GENITAL OP NEC
6018	PROSTATIC DX PROCED NEC	650	OOPHOROTOMY
6019	SEMIN VES DX PROCED NEC	6511	OVARIAN ASPIRAT BIOPSY
602	TRANSURETHRAL PROSTATECT	6512	OVARIAN BIOPSY NEC
603	SUPRAPUBIC PROSTATECTOMY	6519	OVARIAN DX PROCEDURE NEC
604	RETROPUBIC PROSTATECTOMY	6521	OVARIAN CYST MARSUPIALIZ
605	RADICAL PROSTATECTOMY	6522	OVARIAN WEDGE RESECTION
6061	LOS EXCIS PROSTATIC LES	6529	LOCAL DESTR OVA LES NEC
6062	PERINEAL PROSTATECTOMY	653	UNILATERAL OOPHORECTOMY
6069	PROSTATECTOMY NEC	654	UNILAT SALPINGO-OOPHOREC
6072	SEMINAL VESICLE INCISION	6551	REMOVE BOTH OVARIES
6073	SEMINAL VESICLE EXCISION	6552	REMOVE SOLITARY OVARY
6079	SEMINAL VESICLE OP NEC	6561	REMOVE BOTH TUBES & OVAR
6081	PERIPROSTATIC INCISION	6562	REMOVE SOLITARY TUBE/OVA
6082	PERIPROSTATIC EXCISION	6571	SIMPLE SUTURE OF OVARY
6093	REPAIR OF PROSTATE	6572	OVARIAN REIMPLANTATION
6094	CONTROL POSTOP PROST HEM	6573	SALPINGO-OOPHOROPLASTY
6095	TRANS BAL DIL PROS URETH	6579	REPAIR OF OVARY NEC
6099	PROSTATIC OPERATION NEC	658	TUBO-OVARIAN ADHESIOLYS
612	EXCISION OF HYDROCELE	6591	ASPIRATION OF OVARY
6142	SCROTAL FISTULA REPAIR	6592	TRANSPLANTATION OF OVARY
6149	SCROTUM/TUNIC REPAIR NEC	6593	MANUAL RUPT OVARIAN CYST
6192	EXCISION TUNICA LES NEC	6594	OVARIAN DENERVATION
6199	SCROTUM & TUNICA OP NEC	6595	OVARIAN TORSION RELEASE
620	INCISION OF TESTES	6599	OVARIAN OPERATION NEC
6212	OPEN TESTICULAR BIOPSY	660	SALPINGOTOMY
6219	TESTES DX PROCEDURE NEC	6601	SALPINGOTOMY
622	TESTICULAR LES DESTRUCT	6602	SALPINGOSTOMY
623	UNILATERAL ORCHIECTOMY	6611	FALLOPIAN TUBE BIOPSY
6241	REMOVE BOTH TESTES	6619	FALLOP TUBE DX PROC NEC
6242	REMOVE SOLITARY TESTIS	6621	BILAT ENDOSC CRUSH TUBE
625	ORCHIOPEXY	6622	BILAT ENDOSC DIVIS TUBE
6261	SUTURE TESTICULAR LACER	6629	BILAT ENDOSC OCC TUBE NEC
6269	TESTICULAR REPAIR NEC	6631	BILAT TUBAL CRUSHING NEC
627	INSERT TESTICULAR PROSTH	6632	BILAT TUBAL DIVISION NEC
6299	TESTICULAR OPERATION NEC	6639	BILAT TUBAL DESTRUCT NEC
6309	SPERMAT CORD/VAS DX NEC	664	TOTAL UNILAT SALPINGECT
631	EXC SPERMATIC VARICOCELE	6651	REMOVE BOTH FALLOP TUBES
632	EXCISE EPIDIDYMIS CYST	6652	REMOVE SOLITARY FAL TUBE
633	EXCISE CORD/EPID LES NEC	6661	DESTROY FALLOP TUBE LES
634	EPIDIDYMECTOMY	6662	REMOV TUBE & ECTOP PREG
6351	SUTURE CORD & EPID LACER	6663	BILAT PART SALPINGEC NOS
6353	TRANSPLANT SPERMAT CORD	6669	PARTIAL SALPINGECTOM NEC
6359	CORD & EPIDID REPAIR NEC	6671	SIMPL SUTURE FALLOP TUBE
6381	SUTURE VAS & EPIDID LAC	6672	SALPINGO-OOPHOROSTOMY
6382	POSTOP VAS RECONSTRUCT	6673	SALPINGO-SALPINGOSTOMY
6383	EPIDIDYMOVASOSTOMY	6674	SALPINGO-UTEROSTOMY
6385	REMOV VAS DEFERENS VALVE	6679	FALLOP TUBE REPAIR NEC
6389	VAS & EPIDIDY REPAIR NEC	6692	UNILAT FALLOP TUBE DESTR
6392	EPIDIDYMETOMY	6693	IMPL FALLOP TUBE PROSTH
6393	SPERMATIC CORD INCISION	6694	REMOV FALLOP TUBE PROSTH
6394	SPERM CORD ADHESIOLYSIS	6695	BLOW THERAPEUT INTO TUBE
6395	INSERT VALVE IN VAS DEF	6696	FALLOPIAN TUBE DILATION
6399	CORD/EPID/VAS OPS NEC	6697	BURY FIMBRIAE IN UTERUS
640	CIRCUMCISION	6699	FALLOPIAN TUBE OP NEC
6411	PENILE BIOPSY	6711	ENDOCERVICAL BIOPSY
642	LOCAL EXCIS PENILE LES	6712	CERVICAL BIOPSY NEC
643	AMPUTATION OF PENIS	6719	CERVICAL DX PROCEDUR NEC
6441	SUTURE PENILE LACERATION	672	CONIZATION OF CERVIX
6442	RELEASE OF CHORDEE	6731	CERVICAL CYST MARSUPIAL
6443	CONSTRUCTION OF PENIS	6732	CERVICAL LES CAUTERIZAT
6444	RECONSTRUCTION OF PENIS	6733	CERVICAL LES CRYOTHERAPY
6445	REPLANTATION OF PENIS	6739	CERVICAL LES DESTRUC NEC
6449	PENILE REPAIR NEC	674	AMPUTATION OF CERVIX
645	SEX TRANSFORMAT OP NEC	675	INT CERVICAL OS REPAIR

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6761	SUTURE CERVICAL LACERAT	713	LOCAL VULVAR EXCIS NEC
6762	CERVICAL FISTULA REPAIR	714	OPERATIONS ON CLITORIS
6769	CERVICAL REPAIR NEC	715	RADICAL VULVECTOMY
680	HYSTEROTOMY	7161	UNILATERAL VULVECTOMY
6813	OPEN UTERINE BIOPSY	7162	BILATERAL VULVECTOMY
6814	OPEN UTERINE LIGAMENT BX	7171	SUTURE VULVAR LACERATION
6815	CLOS UTERINE LIGAMENT BX	7172	REPAIR VULVAR FISTULA
6816	CLOSED UTERINE BIOPSY	7179	VULVAR/PERIN REPAIR NEC
6819	UTERUS/ADNEX DX PROC NEC	718	OTHER VULVAR OPERATIONS
6821	ENDOMET SYNECHIAE DIVIS	719	OTHER FEMALE GENITAL OPS
6822	INCISION UTERINE SEPTUM	7394	PUBIOTOMY TO ASSIST DEL
6829	UTERINE LES DESTRUCT NEC	7399	OPS ASSISTING DELIV NEC
683	SUBTOT ABD HYSTERECTOMY	740	CLASSICAL C-SECTION
684	TOTAL ABD HYSTERECTOMY	741	LOW CERVICAL C-SECTION
685	VAGINAL HYSTERECTOMY	742	EXTRAPERITONEAL C-SECT
686	RADICAL ABD HYSTERECTOMY	743	REMOV INTRAPERIT FETUS
687	RADICAL VAG HYSTERECTOMY	744	CESAREAN SECTION NEC
688	PELVIC EVISCERATION	7491	HYSTEROTOMY TO TERMIN PG
689	HYSTERECTOMY NEC NOS	7499	CESAREAN SECTION NOS
6901	D & C FOR PREG TERMINAT	7536	CORRECTION FETAL DEFECT
6902	D & C POST DELIVERY	7550	REPAIR OB LAC UTERUS NOS
6909	D & C NEC	7551	REPAIR OB LACERAT CERVIX
6919	DESTRUC UTER SUPPORT NEC	7552	REPAIR OB LAC CORP UTERI
6921	INTERPOSIT OP UTERIN LIG	7561	REPAIR OB LAC BLAD/URETH
6922	UTERINE SUSPENSION NEC	7593	SURG CORR INVERT UTERUS
6923	VAG REPAIR INVERS UTERUS	7599	OBSTETRIC OPERATION NEC
6929	UTERUS/ADNEXA REPAIR NEC	7601	FACIAL BONE SEQUESTRECT
693	PARACERV UTERINE DENERV	7609	FACIAL BONE INCISION NEC
6941	SUTURE UTERINE LACERAT	7611	FACIAL BONE BIOPSY
6942	CLOSURE UTERINE FISTULA	7619	FACIAL BONE DX PROC NEC
6949	UTERINE REPAIR NEC	762	DESTRUCT FACIAL BONE LES
6951	ASPIRAT CURET-PREG TERMI	7631	PARTIAL MANDIBULECTOMY
6952	ASPIRAT CURET-POST DELIV	7639	PART FACIAL OSTECTOMY NEC
6995	INCISION OF CERVIX	7641	TOT MANDIBULEC W RECONST
6997	REMOVE PENETRAT CERV FB	7642	TOTAL MANDIBULECTOMY NEC
6998	UTERINE SUPPORT OP NEC	7643	MANDIBULAR RECONST NEC
6999	UTERINE OPERATION NEC	7644	TOT FACE OSTECT W RECONS
7012	CULDOTOMY	7645	TOT FACE BONE OSTECT NEC
7013	INTRALUM VAG ADHESIOLYS	7646	FACIAL BONE RECONSTR NEC
7014	VAGINOTOMY NEC	765	TEMPOROMAND ARTHROPLASTY
7023	CUL-DE-SAC BIOPSY	7661	CL OSTEOPLASTY MAND RAMI
7024	VAGINAL BIOPSY	7662	OPEN OSTEOPLAS MAND RAMI
7029	VAGIN/CUL-DE-SAC DX NEC	7663	OSTEOPLASTY MANDIBLE BDY
7031	HYMENECTOMY	7664	MAND ORTHOGNATHIC OP NEC
7032	EXCIS CUL-DE-SAC LESION	7665	SEG OSTEOPLASTY MAXILLA
7033	EXCISION VAGINAL LESION	7666	TOT OSTEOPLASTY MAXILLA
704	VAGINAL OBLITERATION	7667	REDUCTION GENIOPLASTY
7050	CYSTOCEL/RECTOCEL REPAIR	7668	AUGMENTATION GENIOPLASTY
7051	CYSTOCELE REPAIR	7669	FACIAL BONE REPAIR NEC
7052	RECTOCELE REPAIR	7670	REDUCTION FACIAL FX NOS
7061	VAGINAL CONSTRUCTION	7672	OPN REDUCT MALAR/ZYGO FX
7062	VAGINAL RECONSTRUCTION	7674	OPEN REDUCT MAXILLARY FX
7071	SUTURE VAGINA LACERATION	7676	OPEN REDUCT MANDIBLE FX
7072	REPAIR COLOVAGIN FISTULA	7677	OPEN REDUCT ALVEOLAR FX
7073	REPAIR RECTOVAG FISTULA	7679	OPEN REDUCT FACE FX NEC
7074	REP VAGINOENT FISTUL NEC	7691	BONE GRAFT TO FACE BONE
7075	REPAIR VAG FISTULA NEC	7692	SYN IMPLANT TO FACE BONE
7076	HYMENORRHAPHY	7694	OPEN REDUCT TM DISLOCAT
7077	VAGINAL SUSPENS & FIXAT	7697	REMOVE INT FIX FACE BONE
7079	VAGINAL REPAIR NEC	7699	FACIAL BONE/JNT OP NEC
708	VAGINAL VAULT OBLITERAT	7700	SEQUESTRECTOMY NOS
7091	VAGINAL OPERATION NEC	7701	CHEST CAGE SEQUESTREC
7092	CUL-DE-SAC OPERATION NEC	7702	HUMERUS SEQUESTRECTOMY
7101	VULVAR ADHESIOLYSIS	7703	RADIUS & ULNA SEQUESTREC
7109	INCIS VULVA/PERINEUM NEC	7704	METACARP/CARP SEQUESTREC
7111	VULVAR BIOPSY	7705	FEMORAL SEQUESTRECTOMY
7119	VULVAR DIAGNOS PROC NEC	7706	PATELLAR SEQUESTRECTOMY
7122	INCISE BARTHOLIN'S GLAND	7707	TIBIA/FIBULA SEQUESTREC
7123	BARTHOLIN GLAND MARSUP	7708	METATAR/TAR SEQUESTREC
7124	DESTRUC BARTHOLIN GLAND	7709	SEQUESTRECTOMY NEC
7129	BARTHOLIN'S GLAND OP NEC	7710	OTHER BONE INCISION NOS

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7711	OTHER CHEST CAGE INCIS	7784	PART OSTECT-METACAR/CAR
7712	OTHER HUMERUS INCISION	7785	PART OSTECTOMY-FEMUR
7713	OTHER RADIUS/ULNA INCIS	7786	PARTIAL PATELLECTOMY
7714	OTH METACARP/CARP INCIS	7787	PART OSTECT-TIBIA/FIBULA
7715	OTHER FEMORAL INCISION	7788	PART OSTECT-METATAR/TAR
7716	OTHER PATELLAR INCISION	7789	PARTIAL OSTECTOMY NEC
7717	OTHER TIBIA/FIBULA INCIS	7790	TOTAL OSTECTOMY NOS
7718	OTH METATARS/TARS INCIS	7791	TOT CHEST CAGE OSTECTOMY
7719	BONE INCIS W/O DIV NEC	7792	TOTAL OSTECTOMY-HUMERUS
7720	WEDGE OSTEOTOMY NOS	7793	TOT OSTECT-RADIUS/ULNA
7721	CHEST CAGE WEDG OSTEOTOM	7794	TOT OSTECT-METACARP/CARP
7722	HUMERUS WEDGE OSTEOTOMY	7795	TOT OSTECTOMY-FEMUR
7723	RADIUS/ULNA WEDG OSTEOTO	7796	TOTAL PATELLECTOMY
7724	METACAR/CAR WEDG OSTEOTO	7797	TOT OSTECT-TIBIA/FIBULA
7725	FEMORAL WEDGE OSTEOTOMY	7798	TOT OSTECT-METATARS/TARS
7726	PATELLAR WEDGE OSTEOTOMY	7799	TOTAL OSTECTOMY NEC
7727	TIBIA/FIBUL WEDG OSTEOT	7800	BONE GRAFT NOS
7728	METATAR/TAR WEDG OSTEOT	7801	BONE GRAFT TO CHEST CAGE
7729	WEDGE OSTEOTOMY NEC	7802	BONE GRAFT TO HUMERUS
7730	OTHER BONE DIVISION NOS	7803	BONE GRAFT-RADIUS/ULNA
7731	CHEST CAGE BONE DIV NEC	7804	BONE GRFT TO METACAR/CAR
7732	HUMERUS DIVISION NEC	7805	BONE GRAFT TO FEMUR
7733	RADIUS/ULNA DIVISION NEC	7806	BONE GRAFT TO PATELLA
7734	METACAR/CAR DIVISION NEC	7807	BONE GRAFT-TIBIA/FIBULA
7735	FEMORAL DIVISION NEC	7808	BONE GRAFT-METATAR/TAR
7736	PATELLAR DIVISION NEC	7809	BONE GRAFT NEC
7737	TIBIA/FIBULA DIV NEC	7810	PERIOSTEAL SUTURE NOS
7738	METATAR/TAR DIVISION NEC	7811	PERIOST SUT-CHEST CAGE
7739	BONE DIVISION NEC	7812	PERIOSTEAL SUT-HUMERUS
7740	BONE BIOPSY NOS	7813	PERIOST SUT-RADIUS/ULNA
7741	CHEST CAGE BONE BIOPSY	7814	PERIOST SUT-METACAR/CAR
7742	HUMERUS BIOPSY	7815	PERIOSTEAL SUTURE-FEMUR
7743	RADIUS & ULNA BIOPSY	7816	PERIOSTEAL SUTUR-PATELLA
7744	METACARPAL/CARPAL BIOPSY	7817	PERIOST SUT-TIBIA/FIBULA
7745	FEMORAL BIOPSY	7818	PERIOST SUT-METATAR/TAR
7746	PATELLAR BIOPSY	7819	PERIOSTEAL SUTURE NEC
7747	TIBIA & FIBULA BIOPSY	7820	EPIPHYSEAL STAPLING NOS
7748	METATARSAL/TARSAL BIOPSY	7822	EPIPHYS STAPLE-HUMERUS
7749	BONE BIOPSY NEC	7823	EPIPHYS STAPLE-RAD/ULNA
7751	BUNIONECT/SFT/OSTEOTOMY	7824	LIMB SHORTEN-METACAR/CAR
7752	BUNIONECT/SFT/ARTHRODES	7825	EPIPHYSEAL STAPLE-FEMUR
7753	OTH BUNIONECT W SFT CORR	7827	EPIPHYS STAPLE-TIB/FIBUL
7754	EXC CORRECT BUNIONETTE	7828	LIMB SHORTEN-METATAR/TAR
7756	REPAIR OF HAMMER TOE	7829	EPIPHYSEAL STAPLING NEC
7757	REPAIR OF CLAW TOE	7830	OTH BONE LNGTH CHNGE NOS
7758	OTH EXC, FUS, REPAIR TOE	7832	HUMERUS LENGTH CHANGE
7759	BUNIONECTOMY NEC	7833	RADIUS/ULNA LENGTH CHNGE
7760	LOC EXC BONE LESION NOS	7834	CARPAL LENGTH CHANGE
7761	EXC CHEST CAGE BONE LES	7835	FEMUR LENGTH CHANGE
7762	LOC EXC BONE LES HUMERUS	7837	TIBIA/FIBULA LNGTH CHNGE
7763	LOC EXC LES RADIUS/ULNA	7838	TARSAL LENGTH CHANGE
7764	LOC EXC LES METACAR/CAR	7839	OTH BONE LNGTH CHNGE NEC
7765	LOC EXC BONE LES FEMUR	7840	OTH BONE REPAIR/PLAST OP
7766	LOC EXC BONE LES PATELLA	7841	OTH CHEST CAGE REP/PLAST
7767	LOC EXC LES TIBIA/FIBULA	7842	OTH HUMERUS REPAIR/PLAST
7768	LOC EXC LES METATAR/TAR	7843	OTH RAD/ULN REPAIR/PLAST
7769	LOC EXC BONE LESION NEC	7844	OTH METAC/CARP REP/PLAST
7770	EXCISE BONE FOR GRFT NOS	7845	OTH FEMUR REPAIR/PLASTIC
7771	EX CHEST CAGE BONE-GFT	7846	OTH PATELLA REPAIR/PLAST
7772	EXCISE HUMERUS FOR GRAFT	7847	OTH TIB/FIB REPAIR/PLAST
7773	EXCIS RADIUS/ULNA-GRAFT	7848	OTH META/TAR REPA/PLAST
7774	EXCIS METACAR/CAR-GRAFT	7849	OTH BONE REPA/PLAST NEC
7775	EXCISE FEMUR FOR GRAFT	7850	INT FIX W/O FX REDUC NOS
7776	EXCISE PATELLA FOR GRAFT	7851	INT FIXATION-CHEST CAGE
7777	EXCISE TIB/FIB FOR GRAFT	7852	INT FIXATION-HUMERUS
7778	EXCIS METATAR/TAR-GRAFT	7853	INT FIXATION-RADIUS/ULNA
7779	EXCISE BONE FOR GFT NEC	7854	INT FIXATION-METACAR/CAR
7780	OTH PART OSTECTOMY NOS	7855	INTERNAL FIXATION-FEMUR
7781	OTH CHEST CAGE OSTECTOMY	7856	INTERNAL FIX-PATELLA
7782	PARTIAL HUMERECTOMY NEC	7857	INT FIXATION-TIBIA/FIBUL
7783	PART OSTECT-RADIUS/ULNA	7858	INT FIXATION-METATAR/TAR

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7859	INT FIX-NO FX REDUCT NEC	7940	CLS REDUC-SEP EPIPHY NOS
7860	REMOVE IMP DEVICE NOS	7941	CLOSE RED-HUMERUS EPIPHY
7861	REMOV IMP DEV-CHEST CAGE	7942	CLS RED-RADIUS/UL EPIPHY
7862	REMOVE IMPL DEV-HUMERUS	7945	CLOSE REDUC-FEMUR EPIPHY
7863	REMOV IMP DEV-RADIUS/ULN	7946	CLS RED-TIBIA/FIB EPIPHY
7864	REMOV IMP DEV-METAC/CARP	7949	CLS REDUC-SEP EPIPHY NEC
7865	REMOVE IMP DEVICE-FEMUR	7950	OPEN RED-SEP EPIPHY NOS
7866	REMOV IMP DEVICE-PATELLA	7951	OPN RED-SEP EPIPHY-HUMER
7867	REMOV IMP DEV-TIB/FIBULA	7952	OP RED-RADIUS/ULN EPIPHY
7868	REMOVE IMP DEV-METAT/TAR	7955	OPN RED-SEP EPIPHY-FEMUR
7869	REMOVE IMPL DEVICE NEC	7956	OP RED-TIBIA/FIB EPIPHYS
7870	OSTEOCLASIS NOS	7959	OPEN RED-SEP EPIPHY NEC
7871	OSTEOCLASIS-CHEST CAGE	7960	OPEN FX SITE DEBRIDE NOS
7872	OSTEOCLASIS-HUMERUS	7961	DEBRID OPEN FX-HUMERUS
7873	OSTEOCLASIS-RADIUS/ULNA	7962	DEBRID OPN FX-RADIUS/ULN
7874	OSTEOCLASIS-METACAR/CAR	7963	DEBRID OPN FX-METAC/CAR
7875	OSTEOCLASIS-FEMUR	7964	DEBRID OPN FX-FINGER
7876	OSTEOCLASIS-PATELLA	7965	DEBRID OPN FX-FEMUR
7877	OSTEOCLASIS-TIBIA/FIBULA	7966	DEBRID OPN FX-TIBIA/FIB
7878	OSTEOCLASIS-METATAR/TAR	7967	DEBRID OPN FX-METAT/TAR
7879	OSTEOCLASIS NEC	7968	DEBRID OPN FX-TOE
7880	OTHER BONE DX PROC NOS	7969	OPEN FX SITE DEBRIDE NEC
7881	OTH DX PROCED-CHEST CAGE	7980	OPEN REDUC-DISLOCAT NOS
7882	OTH DX PROCED-HUMERUS	7981	OPN REDUC DISLOC-SHOULDR
7883	OTH DX PROC-RADIUS/ULNA	7982	OPEN REDUC-ELBOW DISLOC
7884	OTH DX PROC-METACAR/CAR	7983	OPEN REDUC-WRIST DISLOC
7885	OTH DX PROCED-FEMUR	7984	OPN REDUC DISLOC-HAND
7886	OTH DX PROCED-PATELLA	7985	OPEN REDUC-HIP DISLOCAT
7887	OTH DX PROC-TIBIA/FIBULA	7986	OPEN REDUC-KNEE DISLOCAT
7888	OTH DX PROC-METATAR/TAR	7987	OPEN REDUC-ANKLE DISLOC
7889	OTHER BONE DX PROC NEC	7988	OPN REDUC DISLOC-FT/TOE
7890	INSERT BONE STIMUL NOS	7989	OPEN REDUC-DISLOCAT NEC
7891	INSERT BONE STIMUL-CHEST	7990	UNSPEC OP BONE INJ NOS
7892	INSERT BONE STIM-HUMERUS	7991	HUMERUS INJURY OP NOS
7893	INSER BONE STIM-RAD/ULNA	7992	RADIUS/ULNA INJ OP NOS
7894	INSER BONE STIM-META/CAR	7993	METACARP/CARP INJ OP NOS
7895	INSERT BONE STIM-FEMUR	7994	FINGER INJURY OP NOS
7896	INSERT BONE STIM-PATELLA	7995	FEMUR INJURY OP NOS
7897	INSER BONE STIM-TIB/FIB	7996	TIBIA/FIBULA INJ OP NOS
7898	INSER BONE STIM-META/TAR	7997	METATARS/TARS INJ OP NOS
7899	INSERT BONE STIMUL NEC	7998	TOE INJURY OPERATION NOS
7910	CL FX REDUC-INT FIX NOS	7999	UNSPEC OP-BONE INJ NEC
7911	CLOS RED-INT FIX HUMERUS	8000	ARTHROT & PROS REMOV NOS
7912	CL RED-INT FIX RAD/ULNA	8001	ARTHROT/PROS REMOV-SHLDR
7913	CL RED-INT FIX METAC/CAR	8002	ARTHROT/PROS REMOV-ELBOW
7914	CLOSE RED-INT FIX FINGER	8003	ARTHROT/PROS REMOV-WRIST
7915	CLOSED RED-INT FIX FEMUR	8004	ARTHROT/PROS REMOV-HAND
7916	CL RED-INT FIX TIB/FIBU	8005	ARTHROT/PROS REMOV-HIP
7917	CL RED-INT FIX METAT/TAR	8006	ARTHROT/PROS REMOV-KNEE
7918	CLOSE RED-INT FIX TOE FX	8007	ARTHROT/PROS REMOV-ANKLE
7919	CL FX REDUC-INT FIX NEC	8008	ARTHROT/PROS REMOV-FOOT
7920	OPEN FX REDUCTION NOS	8009	ARTHROT & PROS REMOV NEC
7921	OPEN REDUC-HUMERUS FX	8010	OTHER ARTHROTOMY NOS
7922	OPEN REDUC-RADIUS/ULN FX	8011	OTH ARTHROTOMY-SHOULDER
7923	OPEN REDUC-METAC/CAR FX	8012	OTH ARTHROTOMY-ELBOW
7924	OPEN REDUCTION-FINGER FX	8013	OTH ARTHROTOMY-WRIST
7925	OPEN REDUCTION-FEMUR FX	8014	OTH ARTHROTOMY-HAND/FNGR
7926	OPEN REDUC-TIBIA/FIB FX	8015	OTH ARTHROTOMY-HIP
7927	OPEN REDUC-METAT/TARS FX	8016	OTH ARTHROTOMY-KNEE
7928	OPEN REDUCTION-TOE FX	8017	OTH ARTHROTOMY-ANKLE
7929	OPEN FX REDUCTION NEC	8018	OTH ARTHROTOMY-FOOT/TOE
7930	OPN FX RED W INT FIX NOS	8019	OTHER ARTHROTOMY NEC
7931	OPEN RED-INT FIX HUMERUS	8020	ARTHROSCOPY NOS
7932	OP RED-INT FIX RAD/ULNA	8021	SHOULDER ARTHROSCOPY
7933	OP RED-INT FIX METAC/CAR	8022	ELBOW ARTHROSCOPY
7934	OPEN RED-INT FIX FINGER	8023	WRIST ARTHROSCOPY
7935	OPEN REDUC-INT FIX FEMUR	8024	HAND & FINGER ARTHROSCOP
7936	OP RED-INT FIX TIB/FIBUL	8025	HIP ARTHROSCOPY
7937	OP RED-INT FIX METAT/TAR	8026	KNEE ARTHROSCOPY
7938	OPEN REDUCT-INT FIX TOE	8027	ANKLE ARTHROSCOPY
7939	OPN FX RED W INT FIX NEC	8028	FOOT & TOE ARTHROSCOPY

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8029	ARTHROSCOPY NEC	8129	ARTHRODESIS NEC
8040	JT STRUCTUR DIVISION NOS	8140	REPAIR OF HIP, NEC
8041	SHOULDER STRUCT DIVISION	8142	FIVE-IN-ONE KNEE REPAIR
8042	ELBOW STRUCTURE DIVISION	8143	TRIAD KNEE REPAIR
8043	WRIST STRUCTURE DIVISION	8144	PATELLAR STABILIZATION
8044	HAND JOINT STRUCT DIVIS	8145	CRUCIATE LIG REPAIR NEC
8045	HIP STRUCTURE DIVISION	8146	COLLATERL LIG REPAIR NEC
8046	KNEE STRUCTURE DIVISION	8147	OTHER REPAIR OF KNEE
8047	ANKLE STRUCTURE DIVISION	8149	OTHER REPAIR OF ANKLE
8048	FOOT JOINT STRUCT DIVIS	8151	TOTAL HIP REPLACEMENT
8049	JT STRUCTUR DIVISION NEC	8152	PARTIAL HIP REPLACEMENT
8050	EXC/DEST INTVRT DISC NOS	8153	REVISE HIP REPLACEMENT
8051	EXCISION INTERVERT DISC	8154	TOTAL KNEE REPLACEMENT
8059	OTH EXC/DEST INTVRT DISC	8155	REVISE KNEE REPLACEMENT
806	EXCIS KNEE SEMILUN CARTL	8156	TOTAL ANKLE REPLACEMENT
8070	SYNOVECTOMY-SITE NOS	8157	REPL JOINT OF FOOT, TOE
8071	SHOULDER SYNOVECTOMY	8159	REVISE JOINT REPL NEC
8072	ELBOW SYNOVECTOMY	8171	ARTHROPLAS METACARP WIT
8073	WRIST SYNOVECTOMY	8172	ARTHROPLASTY METACAR W/O
8074	HAND SYNOVECTOMY	8173	TOTAL WRIST REPLACEMENT
8075	HIP SYNOVECTOMY	8174	ARTHROPLASTY CARPAL WIT
8076	KNEE SYNOVECTOMY	8175	ARTHROPLASTY CARPAL W/O
8077	ANKLE SYNOVECTOMY	8179	OTH REPAIR HAN/FIN/WRIS
8078	FOOT SYNOVECTOMY	8180	TOTAL SHOULDER REPLACE
8079	SYNOVECTOMY-SITE NEC	8181	PARTIAL SHOULDER REPLACE
8080	DESTRUCT JOINT LES NOS	8182	REP RECUR SHLDER DISLOC
8081	DESTRUC-SHOULDER LES NEC	8183	SHOULDER ARTHROPLAST NEC
8082	DESTRUC-ELBOW LESION NEC	8184	TOTAL ELBOW REPLACEMENT
8083	DESTRUC-WRIST LESION NEC	8185	ELBOW ARTHROPLASTY NEC
8084	DESTRUC-HAND JT LES NEC	8193	SUTUR CAPSUL/LIGAMEN ARM
8085	DESTRUCT-HIP LESION NEC	8194	SUTURE CAPSUL/LIG ANK/FT
8086	DESTRUCT-KNEE LESION NEC	8195	SUTUR CAPSUL/LIG LEG NEC
8087	DESTRUC-ANKLE LESION NEC	8196	OTHER REPAIR OF JOINT
8088	DESTRUC-FOOT JT LES NEC	8197	REVISE JOINT REPL UP EXT
8089	DESTRUCT JOINT LES NEC	8198	OTHER JOINT DX PROCEDURE
8090	EXCISION OF JOINT NOS	8199	JOINT STRUCTURE OP NEC
8091	EXCISION OF SHOULDER NEC	8201	EXPLOR TEND SHEATH-HAND
8092	EXCISION OF ELBOW NEC	8202	MYOTOMY OF HAND
8093	EXCISION OF WRIST NEC	8203	BURSECTOMY OF HAND
8094	EXCISION HAND JOINT NEC	8209	INC SOFT TISSUE HAND NEC
8095	EXCISION OF HIP NEC	8211	TENOTOMY OF HAND
8096	EXCISION OF KNEE NEC	8212	FASCIOTOMY OF HAND
8097	EXCISION OF ANKLE NEC	8219	DIV SOFT TISSUE HAND NEC
8098	EXCISION FOOT JOINT NEC	8221	EXC LES TEND SHEATH HAND
8099	EXCISION OF JOINT NEC	8222	EXCISION HAND MUSCLE LES
8100	SPINAL FUSION NOS	8229	EXC LES SFT TISS HND NEC
8101	ATLAS-AXIS FUSION	8231	BURSECTOMY OF HAND
8102	OTHER CERVICAL FUS ANT	8232	EXCIS HAND TEND FOR GRFT
8103	OTHER CERVICAL FUS POST	8233	HAND TENONECTOMY NEC
8104	DORSAL/DORSOLUM FUS ANT	8234	EXC HND MUS/FAS FOR GRFT
8105	DORSAL/DORSOLUM FUS POST	8235	HAND FASCIECTOMY NEC
8106	LUMBAR/LUMBOSAC FUS ANT	8236	OTHER MYECTOMY OF HAND
8107	LUMBAR/LUMBOSAC FUS LAT	8239	HAND SOFT TISSUE EXC NEC
8108	LUMBAR/LUMBOSAC FUS POST	8241	SUTURE TENDN SHEATH HAND
8109	REFUSION OF SPINE	8242	DELAY SUT FLEX TEND HAND
8111	ANKLE FUSION	8243	DELAY SUT HAND TEND NEC
8112	TRIPLE ARTHRODESIS	8244	SUTUR FLEX TEND HAND NEC
8113	SUBTALAR FUSION	8245	SUTURE HAND TENDON NEC
8114	MIDTARSAL FUSION	8246	SUTURE HAND MUSCLE/FASC
8115	TARSOMETATARSAL FUSION	8251	HAND TENDON ADVANCEMENT
8116	METATARSOPHALANGEAL FUS	8252	HAND TENDON RECESSON
8117	OTHER FUSION OF FOOT	8253	HAND TENDON REATTACHMENT
8120	ARTHRODESIS NOS	8254	HAND MUSCLE REATTACHMENT
8121	ARTHRODESIS OF HIP	8255	CHNG HND MUS/TEN LNG NEC
8122	ARTHRODESIS OF KNEE	8256	TRANSPLANT HAND TEND NEC
8123	ARTHRODESIS OF SHOULDER	8257	TRANSPOSIT HAND TEND NEC
8124	ARTHRODESIS OF ELBOW	8258	TRANSPLANT HAND MUSC NEC
8125	CARPORADIAL FUSION	8259	TRANSPOSIT HAND MUSC NEC
8126	METACARPOCARPAL FUSION	8261	POLLICIZATION OPERATION
8127	METACARPOPHALANGEAL FUS	8269	THUMB RECONSTRUCTION NEC
8128	INTERPHALANGEAL FUSION	8271	HAND TEND PULLEY RECONST

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8272	PLAST OP HND-MUS/FAS GRF	8413	DISARTICULATION OF ANKLE
8279	PLAST OP HAND W GRFT NEC	8414	AMPUTAT THROUGH MALLEOLI
8281	TRANSFER OF FINGER	8415	BELOW KNEE AMPUTAT NEC
8282	REPAIR OF CLEFT HAND	8416	DISARTICULATION OF KNEE
8283	REPAIR OF MACRODACTYLY	8417	ABOVE KNEE AMPUTATION
8284	REPAIR OF MALLET FINGER	8418	DISARTICULATION OF HIP
8285	OTHER TENODESIS OF HAND	8419	HINDQUARTER AMPUTATION
8286	OTHER TENOPLASTY OF HAND	8421	THUMB REATTACHMENT
8289	HAND PLASTIC OP NEC	8422	FINGER REATTACHMENT
8291	LYSIS OF HAND ADHESIONS	8423	FOREARM/WRIST/HAND REATT
8299	HAND MUS/TEN/FAS/OPS NEC	8424	UPPER ARM REATTACHMENT
8301	TENDON SHEATH EXPLORAT	8425	TOE REATTACHMENT
8302	MYOTOMY	8426	FOOT REATTACHMENT
8303	BURSOTOMY	8427	LOWER LEG/ANKLE REATTACH
8309	SOFT TISSUE INCISION NEC	8428	THIGH REATTACHMENT
8311	ACHILLOTENOTOMY	8429	REATTACHMENT NEC
8312	ADDUCTOR TENOTOMY OF HIP	843	AMPUTATION STUMP REVIS
8313	OTHER TENOTOMY	8440	IMPLNT/FIT PROS LIMB NOS
8314	FASCIOTOMY	8444	IMPLANT ARM PROSTHESIS
8319	SOFT TISSUE DIVISION NEC	8448	IMPLANT LEG PROSTHESIS
8321	SOFT TISSUE BIOPSY	8491	AMPUTATION NOS
8329	SOFT TISSUE DX PROC NEC	8492	SEPARAT EQUAL JOIN TWIN
8331	EXCIS LES TENDON SHEATH	8493	SEPARAT UNEQUL JOIN TWIN
8332	EXCIS LESION OF MUSCLE	8499	MUSCULOSKELETAL OP NEC
8339	EXC LES SOFT TISSUE NEC	8512	OPEN BREAST BIOPSY
8341	TENDON EXCISION FOR GRFT	8520	BREAST TISSU DESTRUCT NOS
8342	OTHER TENONECTOMY	8521	LOCAL EXCIS BREAST LES
8343	MUSC/FASC EXCIS FOR GRFT	8522	QUADRANT RESECT BREAST
8344	OTHER FASCIECTOMY	8523	SUBTOTAL MASTECTOMY
8345	OTHER MYECTOMY	8524	EXC ECTOPIC BREAST TISSU
8349	OTHER SOFT TISSUE EXCIS	8525	EXCISION OF NIPPLE
835	BURSECTOMY	8531	UNILAT REDUCT MAMMOPLAST
8361	TENDON SHEATH SUTURE	8532	BILAT REDUCT MAMMOPLASTY
8362	DELAYED TENDON SUTURE	8533	UNIL SUBQ MAMMECT-IMPLNT
8363	ROTATOR CUFF REPAIR	8534	UNILAT SUBQ MAMMECT NEC
8364	OTHER SUTURE OF TENDON	8535	BIL SUBQ MAMMECT-IMPLANT
8365	OTHER MUSCLE/FASC SUTURE	8536	BILAT SUBQ MAMMECTOM NEC
8371	TENDON ADVANCEMENT	8541	UNILAT SIMPLE MASTECTOMY
8372	TENDON RECESSION	8542	BILAT SIMPLE MASTECTOMY
8373	TENDON REATTACHMENT	8543	UNILAT EXTEN SIMP MASTEC
8374	MUSCLE REATTACHMENT	8544	BILAT EXTEND SIMP MASTEC
8375	TENDON TRNSFR/TRANSPLANT	8545	UNILAT RADICAL MASTECTOM
8376	OTHER TENDON TRANSPOSIT	8546	BILAT RADICAL MASTECTOMY
8377	MUSCLE TRNSFR/TRANSPLANT	8547	UNIL EXT RAD MASTECTOMY
8379	OTHER MUSCLE TRANSPOSIT	8548	BIL EXTEN RAD MASTECTOMY
8381	TENDON GRAFT	8550	AUGMENT MAMMOPLASTY NOS
8382	MUSCLE OR FASCIA GRAFT	8553	UNILAT BREAST IMPLANT
8383	TENDON PULLEY RECONSTRUC	8554	BILATERAL BREAST IMPLANT
8384	CLUBFOOT RELEASE NEC	856	MASTOPEXY
8385	MUSC/TEND LNG CHANGE NEC	857	TOTAL BREAST RECONSTRUCT
8386	QUADRICEPSPLASTY	8582	BREAST SPLIT-THICK GRAFT
8387	OTHER PLASTIC OPS MUSCLE	8583	BREAST FULL-THICK GRAFT
8388	OTHER PLASTIC OPS TENDON	8584	BREAST PEDICLE GRAFT
8389	OTHER PLASTIC OPS FASCIA	8585	BREAST MUSCLE FLAP GRAFT
8391	ADHESIOLYSIS MUS/TEN/FAS	8586	TRANSPOSITION OF NIPPLE
8392	INSERT SKEL MUSC STIMULA	8587	NIPPLE REPAIR NEC
8393	REMOV SKEL MUSC STIMULAT	8589	MAMMOPLASTY NEC
8399	MUS/TEN/FAS/BUR OP NEC	8593	BREAST IMPLANT REVISION
8400	UPPER LIMB AMPUTAT NOS	8594	BREAST IMPLANT REMOVAL
8401	FINGER AMPUTATION	8595	INSER BREAST TISSU EXPAN
8402	THUMB AMPUTATION	8596	REMOV BREAST TISSU EXPAN
8403	AMPUTATION THROUGH HAND	8599	BREAST OPERATION NEC
8404	DISARTICULATION OF WRIST	8606	INSERT INFUSION PUMP
8405	AMPUTATION THRU FOREARM	8621	EXCISION OF PILONID CYST
8406	DISARTICULATION OF ELBOW	8622	EXC WOUND DEBRIDEMENT
8407	AMPUTATION THRU HUMERUS	8625	DERMABRASION
8408	SHOULDER DISARTICULATION	864	RADICAL EXCIS SKIN LES
8409	FOREQUARTER AMPUTATION	8660	FREE SKIN GRAFT NOS
8410	LOWER LIMB AMPUTAT NOS	8661	FULL-THICK HAND SKIN GRF
8411	TOE AMPUTATION	8662	HAND SKIN GRAFT NEC
8412	AMPUTATION THROUGH FOOT	8663	FULL-THICK SKIN GRFT NEC

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8665	HETEROGRAFT TO SKIN	0359	SPINAL STRUCT REPAIR NEC
8666	HOMOGRAFT TO SKIN	036	SPINAL CORD ADHESIOLYSIS
8669	FREE SKIN GRAFT NEC	0371	SUBARACH-PERITON SHUNT
8670	PEDICLE GRAFT/FLAP NOS	0372	SUBARACH-URETERAL SHUNT
8671	CUT & PREP PEDICLE GRAFT	0379	OTH SPINAL THECAL SHUNT
8672	PEDICLE GRAFT ADVANCEMEN	0393	INSERT SPINAL STIMULATOR
8673	ATTACH PEDICLE TO HAND	0397	REVISE SPINE THECA SHUNT
8674	ATTACH PEDICLE GRAFT NEC	0399	SPINE CANAL STRUC OP NEC
8675	REVISION OF PEDICLE GRFT	0716	THYMUS BIOPSY
8681	REPAIR FACIAL WEAKNESS	0780	THYMECTOMY NOS
8682	FACIAL RHYTIDECTOMY	0781	PART EXCISION OF THYMUS
8683	SIZE REDUCT PLASTIC OP	0782	TOTAL EXCISION OF THYMUS
8684	RELAXATION OF SCAR	0791	THYMUS FIELD EXPLORATION
8685	SYNDACTYLY CORRECTION	0792	INCISION OF THYMUS
8686	ONYCHOPLASTY	0793	REPAIR OF THYMUS
8689	SKIN REPAIR & PLASTY NEC	0794	THYMUS TRANSPLANTATION
8691	SKIN EXCISION FOR GRAFT	0799	THYMUS OPERATION NEC
8693	INSERT TISSUE EXPANDER	3229	DESTROY LOC LUNG LES NEC
8753	INTRAOPER CHOLANGIOGRAM	3328	OPEN LUNG BIOPSY
9227	RADIOACTIVE ELEM IMPLANT	3402	EXPLORATORY THORACOTOMY
923	STEREOTACT RADIOSURGERY@	3422	MEDIASTINOSCOPY
9230	STEREOTATIC RADIOSURG NOS&	3426	OPEN MEDIASTINAL BIOPSY
9231	SINGLE SOURCE PHOTON RADIOSURG&	343	DESTRUCT MEDIASTIN LES
9232	MULTISOURCE PHOTON RADIOSURG&	344	DESTRUCT CHEST WALL LES
9233	PARTICULATE RADIOSURG&	3451	DECORTICATION OF LUNG
9239	STEREOTACT RADIOSURG NEC&	346	SCARIFICATION OF PLEURA
9504	ANESTHETIZED EYE EXAM	3712	PERICARDIOTOMY
		3724	PERICARDIAL BIOPSY
		3731	PERICARDIECTOMY
DRG 406 MDC 17,		3791	OPN CHEST CARDIAC MASSAG
MYELOPROLIF DX/POORLY DIFF NEOPL W MAJ		3808	LOWER LIMB ARTERY INCIS
O.R.PROC W CC		3998	HEMORRHAGE CONTROL NOS
DRG 407 MDC 17,		3999	VESSEL OPERATION NEC
MYELOPROLI DX/POORLY DIFF NEOPL W MAJ		403	REGIONAL LYMPH NODE EXC
O.R.PROC W/O CC		4040	RAD NECK DISSECTION NOS
0112	OPEN CEREB MENINGES BX	4041	UNILAT RAD NECK DISSECT
0114	OPEN BRAIN BIOPSY	4042	BILAT RAD NECK DISSECT
0118	OTHER BRAIN DX PROCEDURE	4050	RAD NODE DISSECTION NOS
0122	REMOV INTRACRAN STIMULAT	4051	RAD DISSEC AXILLARY NODE
0123	REOPEN CRANIOTOMY SITE	4052	RAD DISSEC PERIAORT NODE
0124	OTHER CRANIOTOMY	4053	RAD DISSECT ILIAC NODES
0125	OTHER CRANIECTOMY	4054	RADICAL GROIN DISSECTION
0131	INCISE CEREBRAL MENINGES	4059	RAD NODE DISSECTION NEC
0132	LOBOTOMY & TRACTOTOMY	409	LYMPH STRUCTURE OP NEC
0139	OTHER BRAIN INCISION	412	SPLENOTOMY
0141	THALAMUS OPERATIONS	4133	OPEN SPLEEN BIOPSY
0142	GLOBUS PALLIDUS OPS	4141	SPLENIC CYST MARSUPIAL
0151	EX CEREB MENINGEAL LES	4142	EXC SPLENIC LESION/TISS
0152	HEMISPHERECTOMY	4143	PARTIAL SPLENECTOMY
0153	BRAIN LOBECTOMY	415	TOTAL SPLENECTOMY
0159	OTHER BRAIN EXCISION	4193	EXC OF ACCESSORY SPLEEN
016	EXCISE SKULL LESION	4194	SPLEEN TRANSPLANTATION
022	VENTRICULOSTOMY	4195	REPAIR OF SPLEEN
0231	VENTRICL SHUNT-HEAD/NECK	4199	SPLEEN OPERATION NEC
0232	VENTRI SHUNT-CIRCULA SYS	4210	ESOPHAGOSTOMY NOS
0233	VENTRICL SHUNT-THORAX	4211	CERVICAL ESOPHAGOSTOMY
0234	VENTRICL SHUNT-ABDOMEN	4212	ESOPH POUCH EXTERIORIZAT
0235	VENTRI SHUNT-UNINARY SYS	4219	EXT FISTULIZAT ESOPH NEC
0239	OTHER VENTRICULAR SHUNT	4221	ESOPHAGOSCOPY BY INCIS
0242	REPLACE VENTRICLE SHUNT	4225	OPEN BIOPSY OF ESOPHAGUS
0291	LYSIS CORTICAL ADHESION	4232	LOCAL EXCIS ESOPHAG NEC
0293	IMPLANT BRAIN STIMULATOR	4239	DESTRUCT ESOPHAG LES NEC
0299	SKULL & BRAIN OP NEC	4240	ESOPHAGECTOMY NOS
0302	REOPEN LAMINECTOMY SITE	4241	PARTIAL ESOPHAGECTOMY
0309	SPINAL CANAL EXPLOR NEC	4242	TOTAL ESOPHAGECTOMY
031	INTRASPIN NERVE ROOT DIV	4251	THORAC ESOPHAGOSOPHAGOS
0321	PERCUTANEOUS CHORDOTOMY	4252	THORAC ESOPHAGOGASTROST
0329	OTHER CHORDOTOMY	4253	THORAC SM BOWEL INTERPOS
0332	SPINAL CORD/MENINGES BX	4254	THORAC ESOPHAGOENTER NEC
0339	OTHER SPINAL DX PROC	4255	THORAC LG BOWEL INTERPOS
034	EXCIS SPINAL CORD LESION	4256	THORAC ESOPHAGOCOLOS NEC
0353	VERTEBRAL FX REPAIR		

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4258	THORAC INTERPOSITION NEC	4682	INTRA-ABD LG BOWEL MANIP
4259	THORAC ESOPHAG ANAST NEC	4699	INTESTINAL OP NEC
4261	STERN ESOPHAGUESOPHAGOST	4841	SOAVE SUBMUC RECT RESECT
4262	STERN ESOPHAGOGASTROSTOM	4849	PULL-THRU RECT RESEC NEC
4263	STERN SM BOWEL INTERPOS	485	ABD-PERINEAL RECT RESECT
4264	STERN ESOPHAGOENTER NEC	4861	TRANSAC RECTOSIGMOIDECT
4265	STERN LG BOWEL INTERPOS	4862	ANT RECT RESECT W COLOST
4266	STERN ESOPHAGOCOLOS NEC	4863	ANTERIOR RECT RESECT NEC
4268	STERN INTERPOSITION NEC	4864	POSTERIOR RECT RESECTION
4269	STERN ESOPHAG ANAST NEC	4865	DUHAMEL RECTAL RESECTION
427	ESOPHAGOMYOTOMY	4869	RECTAL RESECTION NEC
4282	SUTURE ESOPHAGEAL LACER	5012	OPEN LIVER BIOPSY
4283	ESOPHAGOSTOMA CLOSURE	5019	HEPATIC DX PROC NEC
4284	ESOPH FISTULA REPAIR NEC	5121	OTH PART CHOLECYSTECTOMY#
4285	ESOPHAG STRICTURE REPAIR	5122	TOTAL CHOLECYSTECTOMY
4286	PROD SUBQ TUNNEL NO ANAS	5123	LAP CHOLE
4287	ESOPHAGEAL GRAFT NEC	5124	LAP PART CHOLECYSTECTOMY#
4289	ESOPHAGEAL REPAIR NEC	5131	GB-TO-HEPAT DUCT ANAST
430	GASTROTOMY	5132	GB-TO-INTESTINE ANASTOM
435	PROXIMAL GASTRECTOMY	5133	GB-TO-PANCREAS ANASTOM
436	DISTAL GASTRECTOMY	5134	GB-TO-STOMACH ANASTOMOS
437	PART GASTREC W JEJ ANAST	5135	GALLBLADDER ANASTOM NEC
4381	PART GAST W JEJ TRANSPOS	5136	CHOLEDOCHOENTEROSTOMY
4389	PARTIAL GASTRECTOMY NEC	5137	HEPATIC DUCT-GI ANASTOM
4391	TOT GAST W INTES INTERPO	5139	BILE DUCT ANASTOMOS NEC
4399	TOTAL GASTRECTOMY NEC	5142	CDE FOR OBSTRUCTION NEC
4411	TRANSABDOMIN GASTROSCOPY	5143	CHOLEDOCHOHEPAT INTUBAT
4431	HIGH GASTRIC BYPASS	5149	INCIS OBSTR BILE DUC NEC
4439	GASTROENTEROSTOMY NEC	5159	BILE DUCT INCISION NEC
4463	CLOSE GASTRIC FISTUL NEC	5193	CLOS BILIARY FISTUL NEC
4502	SMALL BOWEL INCISION NEC	5194	REVIS BILE TRACT ANASTOM
4503	LARGE BOWEL INCISION	5195	REMOVE BILE DUCT PROSTH
4511	TRANSAB SM BOWEL ENDOSC	5199	BILIARY TRACT OP NEC
4531	OTH EXCISE DUODENUM LES	5212	OPEN PANCREATIC BIOPSY
4532	DESTRUCT DUODEN LES NEC	5219	PANCREATIC DX PROC NEC
4533	LOCAL EXCIS SM BOWEL NEC	5292	CANNULATION PANCREA DUC
4534	DESTR SM BOWEL LES NEC	540	ABDOMINAL WALL INCISION
4541	EXCISE LG INTESTINE LES	5411	EXPLORATORY LAPAROTOMY
4549	DESTRUC LG BOWEL LES NEC	5412	REOPEN RECENT LAP SITE
4550	INTEST SEG ISOLAT NOS	5419	LAPAROTOMY NEC
4561	MULT SEG SM BOWEL EXCIS	5422	ABDOMINAL WALL BIOPSY
4562	PART SM BOWEL RESECT NEC	5429	ABD REGION DX PROC NEC
4563	TOTAL REMOVAL SM BOWEL	543	DESTRUCT ABD WALL LESION
4571	MULT SEG LG BOWEL EXCIS	544	DESTRUCT PERITONEAL TISS
4573	RIGHT HEMICOLECTOMY	5463	ABD WALL SUTURE NEC
4574	TRANSVERSE COLON RESECT	5464	PERITONEAL SUTURE
4575	LEFT HEMICOLECTOMY	5472	ABDOMEN WALL REPAIR NEC
4576	SIGMOIDECTOMY	5473	PERITONEAL REPAIR NEC
4579	PART LG BOWEL EXCIS NEC	5474	OMENTAL REPAIR NEC
458	TOT INTRA-ABD COLECTOMY	5475	MESENTERIC REPAIR NEC
4590	INTESTINAL ANASTOM NOS	5493	CREATE CUTANPERITON FIST
4591	SM-TO-SM BOWEL ANASTOM	5494	CREAT PERITONEOVAS SHUNT
4592	SM BOWEL-RECT STUMP ANAS	5495	PERITONEAL INCISION
4593	SMALL-TO-LARGE BOWEL NEC	5524	OPEN RENAL BIOPSY
4594	LG-TO-LG BOWEL ANASTOM	5529	RENAL DIAGNOST PROC NEC
4595	ANAL ANASTOMOSIS	5651	FORM CUTAN ILEOURETEROST
4601	SM BOWEL EXTERIORIZATION	5652	REVIS CUTAN ILEOURETEROS
4602	RESECT EXT SEG SM BOWEL	5661	FORM CUTAN URETEROSTOMY
4603	LG BOWEL EXTERIORIZATION	5662	REVIS CUTAN URETEROS NEC
4604	RESECT EXT SEG LG BOWEL	5671	URIN DIVERSION TO BOWEL
4610	COLOSTOMY NOS	5672	REVIS URETEROENTEROSTOMY
4611	TEMPORARY COLOSTOMY	5673	NEPHROCYSTANASTOMOSI NOS
4613	PERMANENT COLOSTOMY NEC	5675	TRANSURETEROURETEROSTOMY
4620	ILEOSTOMY NOS	5683	URETEROSTOMY CLOSURE
4621	TEMPORARY ILEOSTOMY	5684	CLOSE URETER FISTULA NEC
4622	CONTINENT ILEOSTOMY	5718	OTHER SUPRAPU CYSTOSTOMY
4623	PERMANENT ILEOSTOMY NEC	5721	VESICOSTOMY
4640	INTEST STOMA REVIS NOS	5722	REVISE CLO VESICOSTOMY
4641	SM BOWEL STOMA REVISION	5734	OPEN BLADDER BIOPSY
4680	INTRA-AB BOWEL MANIP NOS	5739	BLADDER DIAGNOS PROC NEC
4681	INTRA-ABD SM BOWEL MANIP	5759	BLADDER LES DESTRUCT NEC

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576 PARTIAL CYSTECTOMY
 5771 RADICAL CYSTECTOMY
 5779 TOTAL CYSTECTOMY NEC
 5782 CYSTOSTOMY CLOSURE
 5783 ENTEROVESICO FIST REPAIR
 5784 VESIC FISTULA REPAIR NEC
 5788 BLADDER ANASTOMOSIS NEC
 5843 CLOSE URETH FISTULA NEC
 5900 RETROPERIT DISSECT NOS
 5901 URETEROLYS FOR FIBROSIS
 5902 PERIREN ADHESIOLYS NEC
 5903 LAP LYS PERIREN/URET ADH#
 5909 PERIREN/URETER INCIS NEC
 5911 PERIVESICAL ADHESIOLYSIS
 5912 LAP LYS PERIVESURETH ADH#
 5919 PERIVESICAL INCISION NEC
 5921 PERIREN/URETERAL BIOPSY
 5929 PERIREN/URET DX PROC NEC
 5991 PERIREN/VESICLE EXCISION
 5992 PERIREN/VESICLE OP NEC
 7072 REPAIR COLOVAGIN FISTULA
 7073 REPAIR RECTOVAG FISTULA
 7074 REP VAGINOENT FISTUL NEC
 7075 REPAIR VAG FISTULA NEC

**DRG 415 MDC 18,
 O.R. PROC FOR INFECTIOUS & PARASITIC
 DISEASES**

[see DRG 401, any operating room procedure]

**DRG 439 MDC 21,
 SKIN GRAFTS FOR INJURIES**

8582 BREAST SPLIT-THICK GRAFT
 8583 BREAST FULL-THICK GRAFT
 8584 BREAST PEDICLE GRAFT
 8660 FREE SKIN GRAFT NOS
 8663 FULL-THICK SKIN GRFT NEC
 8665 HETEROGRAFT TO SKIN
 8666 HOMOGRAFT TO SKIN
 8667 DERMAL REGEN GRAFT&
 8669 FREE SKIN GRAFT NEC
 8670 PEDICLE GRAFT/FLAP NOS
 8671 CUT & PREP PEDICLE GRAFT
 8672 PEDICLE GRAFT ADVANCEMEN
 8674 ATTACH PEDICLE GRAFT NEC
 8675 REVISION OF PEDICLE GRFT
 8693 INSERT TISSUE EXPANDER

**DRG 440 MDC 21,
 WOUND DEBRIDEMENTS FOR INJURIES**

8622 EXC WOUND DEBRIDEMENT

**DRG 458 MDC 22,
 NON-EXTENSIVE BURNS W SKIN GRAFT**

8582 BREAST SPLIT-THICK GRAFT
 8583 BREAST FULL-THICK GRAFT
 8584 BREAST PEDICLE GRAFT
 8660 FREE SKIN GRAFT NOS
 8661 FULL-THICK HAND SKIN GRF
 8662 HAND SKIN GRAFT NEC
 8663 FULL-THICK SKIN GRFT NEC
 8665 HETEROGRAFT TO SKIN
 8666 HOMOGRAFT TO SKIN
 8669 FREE SKIN GRAFT NEC
 8670 PEDICLE GRAFT/FLAP NOS
 8671 CUT & PREP PEDICLE GRAFT
 8672 PEDICLE GRAFT ADVANCEMEN
 8673 PEDICLE GRAFT ADVANCEMEN
 8674 ATTACH PEDICLE GRAFT NEC
 8675 REVISION OF PEDICLE GRFT
 8693 INSERT TISSUE EXPANDER

**DRG 459 MDC 22,
 NON-EXTEN BURNS W WOUND DEBRIDEMENT
 OR OTH O.R. PR**

0492 IMPLANT PERIPH STIMULAT
 0493 REMOVE PERIPH STIMULATOR
 0820 REMOVE EYELID LESION NOS
 0822 EXCISE MINOR LES LID NEC
 0823 EXC MAJ LES LID PRT-THIC
 0824 EXC MAJ LES LID FUL-THIC
 0825 DESTRUCTION LID LESION
 0838 CORRECT LID RETRACTION
 0841 THERMOCAUT/ENTROPION REP
 0843 WEDG RESEC ENTROPION REP
 0849 ENTROPION/ECTROP REP NEC
 0851 CANTHOTOMY
 0859 ADJUST LID POSITION NEC
 0861 LID RECONST W SKIN GRAFT
 0862 LID RECONST W MUC GRAFT
 0863 LID RECONST W HAIR GRAFT
 0864 LID RECON-TARSOCONJ FLAP
 0869 LID RECONSTR W GRAFT NEC
 0870 LID RECONSTRUCTION NOS
 0871 LID MARG RECON-PART THIC
 0872 LID RECONS-PART THIC NEC
 0873 LID MARG RECONS FUL THIC
 0874 LID RECONST-FUL THIC NEC
 0882 LID MARG LAC RX-PART TH
 0884 LID MARG LAC RX-FUL THIC
 0889 EYELID REPAIR NEC
 0899 EYELID OPERATION NEC
 0971 CORRECT EVERTED PUNCTUM
 1631 EYE EVISC W SYNCH IMPLAN
 1639 EYEBALL EVISCERATION NEC
 1641 EYE ENUC/IMPLAN/MUSC ATT
 1642 EYE ENUC W IMPLANT NEC
 1649 EYEBALL ENUCLEATION NEC
 1651 RADICAL ORBITOMAXILLECT
 1652 ORBIT EXENT W BONE REMOV
 1659 ORBITAL EXENTERATION NEC
 1661 2NDRY OCULAR IMP INSERT
 1662 REVIS/REINSERT OCUL IMP
 1663 REVIS ENUC SOCKET W GRFT
 1664 ENUC SOCKET REVIS NEC
 1665 2NDRY EXENT CAVITY GRAFT
 1666 REVIS EXENTER CAVITY NEC
 1669 2ND OP POST EYE REM NEC
 1671 REMOVE OCULAR IMPLANT
 1672 REMOVE ORBITAL IMPLANT
 1681 REPAIR OF ORBITAL WOUND
 1682 REPAIR EYEBALL RUPTURE
 1689 EYE/ORBIT INJ REPAIR NEC
 1692 EXCISION ORBITAL LESION
 1693 EXCISION EYE LESION NOS
 1698 OPERATION ON ORBIT NEC
 1699 OPERATION ON EYEBALL NEC
 1839 EXCIS EXTERNAL EAR NEC
 186 EXT AUDIT CANAL RECONSTR
 1871 CONSTRUCTION EAR AURICLE
 1872 REATTACH AMPUTATED EAR
 1879 PLASTIC REP EXT EAR NEC
 189 OTHER EXT EAR OPERATIONS
 214 RESECTION OF NOSE
 2183 TOT NASAL RECONSTRUCTION
 2184 REVISION RHINOPLASTY
 2185 AUGMENTATION RHINOPLASTY
 2186 LIMITED RHINOPLASTY
 2187 RHINOPLASTY NEC
 2189 NASAL REPAIR NEC
 2199 NASAL OPERATION NEC
 2559 REPAIR OF TONGUE NEC
 2749 EXCISION OF MOUTH NEC

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2753	CLOSURE OF MOUTH FISTULA	540	ABDOMINAL WALL INCISION
2755	FULL-THICK GRFT TO MOUTH	5411	EXPLORATORY LAPAROTOMY
2756	SKIN GRAFT TO MOUTH NEC	5412	REOPEN RECENT LAP SITE
2757	PEDICLE ATTACH TO MOUTH	5419	LAPAROTOMY NEC
2759	MOUTH REPAIR NEC	5421	LAPAROSCOPY
3169	OTHER LARYNGEAL REPAIR	5461	RECLOSE POST OP DISRUPT
3172	CLOSURE OF TRACHEOSTOMY	5462	DELAYED CLOS ABD WOUND
3174	REVISION OF TRACHEOSTOMY	5463	ABD WALL SUTURE NEC
3175	TRACHEAL RECONSTRUCTION	623	UNILATERAL ORCHIECTOMY
3179	OTHER TRACHEAL REPAIR	6241	REMOVE BOTH TESTES
3192	LYSIS TRACH/LARYNX ADHES	6242	REMOVE SOLITARY TESTIS
323	SEGMENTAL LUNG RESECTION	6269	TESTICULAR REPAIR NEC
324	LOBECTOMY OF LUNG	6299	TESTICULAR OPERATION NEC
325	COMPLETE PNEUMONECTOMY	643	AMPUTATION OF PENIS
329	OTHER EXCISION OF LUNG	6443	CONSTRUCTION OF PENIS
3342	BRONCHIAL FISTULA CLOS	6444	RECONSTRUCTION OF PENIS
3348	BRONCHIAL REPAIR NEC	6445	REPLANTATION OF PENIS
3349	LUNG REPAIR NEC	6449	PENILE REPAIR NEC
3451	DECORTICATION OF LUNG	8400	UPPER LIMB AMPUTAT NOS
3459	OTHER PLEURAL EXCISION	8401	FINGER AMPUTATION
3473	CLOS THORACIC FISTUL NEC	8402	THUMB AMPUTATION
3479	OTHER CHEST WALL REPAIR	8403	AMPUTATION THROUGH HAND
3791	OPN CHEST CARDIAC MASSAG	8404	DISARTICULATION OF WRIST
3927	DIALYSIS ARTERIOVENOSTOM	8405	AMPUTATION THRU FOREARM
3942	REVIS REN DIALYSIS SHUNT	8406	DISARTICULATION OF ELBOW
4209	ESOPHAGEAL INCISION NEC	8407	AMPUTATION THRU HUMERUS
4210	ESOPHAGOSTOMY NOS	8408	SHOULDER DISARTICULATION
4211	CERVICAL ESOPHAGOSTOMY	8409	FOREQUARTER AMPUTATION
4212	ESOPH POUCH EXTERIORIZAT	8410	LOWER LIMB AMPUTAT NOS
4219	EXT FISTULIZAT ESOPH NEC	8411	TOE AMPUTATION
4221	ESOPHAGOSCOPY BY INCIS	8412	AMPUTATION THROUGH FOOT
4240	ESOPHAGECTOMY NOS	8413	DISARTICULATION OF ANKLE
4241	PARTIAL ESOPHAGECTOMY	8414	AMPUTAT THROUGH MALLEOLI
4242	TOTAL ESOPHAGECTOMY	8415	BELOW KNEE AMPUTAT NEC
4251	THORAC ESOPHAGUESOPHAGOS	8416	DISARTICULATION OF KNEE
4252	THORAC ESOPHAGOGASTROST	8417	ABOVE KNEE AMPUTATION
4253	THORAC SM BOWEL INTERPOS	8418	DISARTICULATION OF HIP
4254	THORAC ESOPHAGOENTER NEC	8419	HINDQUARTER AMPUTATION
4255	THORAC LG BOWEL INTERPOS	8421	THUMB REATTACHMENT
4256	THORAC ESOPHAGOCOLOS NEC	8422	FINGER REATTACHMENT
4258	THORAC INTERPOSITION NEC	8423	FOREARM/WRIST/HAND REATT
4259	THORAC ESOPHAG ANAST NEC	8424	UPPER ARM REATTACHMENT
4261	STERN ESOPHAGUESOPHAGOST	8425	TOE REATTACHMENT
4262	STERN ESOPHAGOGASTROSTOM	8426	FOOT REATTACHMENT
4263	STERN SM BOWEL INTERPOS	8427	LOWER LEG/ANKLE REATTACH
4264	STERN ESOPHAGOENTER NEC	8428	THIGH REATTACHMENT
4265	STERN LG BOWEL INTERPOS	8429	REATTACHMENT NEC
4266	STERN ESOPHAGOCOLOS NEC	843	AMPUTATION STUMP REVIS
4268	STERN INTERPOSITION NEC	8440	IMPLNT/FIT PROS LIMB NOS
4269	STERN ESOPHAG ANAST NEC	8444	IMPLANT ARM PROSTHESIS
4283	ESOPHAGOSTOMY CLOSURE	8448	IMPLANT LEG PROSTHESIS
4284	ESOPH FISTULA REPAIR NEC	8491	AMPUTATION NOS
4285	ESOPHAG STRICTURE REPAIR	8606	INSERT INFUSION PUMP
4286	PROD SUBQ TUNNEL NO ANAS	8622	EXC WOUND DEBRIDEMENT
4287	ESOPHAGEAL GRAFT NEC	864	RADICAL EXCIS SKIN LES
4289	ESOPHAGEAL REPAIR NEC	8684	RELAXATION OF SCAR
430	GASTROTOMY	8689	SKIN REPAIR & PLASTY NEC
435	PROXIMAL GASTRECTOMY	8691	SKIN EXCISION FOR GRAFT
436	DISTAL GASTRECTOMY		
437	PART GASTREC W JEJ ANAST		
4381	PART GAST W JEJ TRANSPOS		
4389	PARTIAL GASTRECTOMY NEC		
4391	TOT GAST W INTES INTERPO		
4399	TOTAL GASTRECTOMY NEC		
4411	TRANSABDOMIN GASTROSCOPY		
445	REVISION GASTRIC ANASTOM		
4463	CLOSE GASTRIC FISTUL NEC		
4465	ESOPHAGOGASTROPLASTY		
4469	GASTRIC REPAIR NEC		
4499	GASTRIC OPERATION NEC		
5361	INCIS HERNIA REPAIR-GRFT		
		DRG 468 MDC ,	
		EXTENSIVE O.R. PROC UNRELATED TO	
		PRINCIPAL DIAGNOSIS	
		0112	OPEN CEREB MENINGES BX
		0114	OPEN BRAIN BIOPSY
		0115	SKULL BIOPSY
		0118	OTHER BRAIN DX PROCEDURE
		0119	OTHER SKULL DX PROCEDURE
		0121	CRANIAL SINUS I & D
		0122	REMOV INTRACRAN STIMULAT
		0123	REOPEN CRANIOTOMY SITE
		0124	OTHER CRANIOTOMY

ICD-9-CM Procedure Codes for Major Surgery DRGs

0125	OTHER CRANIECTOMY	0473	ACCESS-HYPOGLOSS ANASTOM
0131	INCISE CEREBRAL MENINGES	0474	PERIPH NERV ANASTOM NEC
0132	LOBOTOMY & TRACTOTOMY	0475	POSTOP REVIS PER NERV OP
0139	OTHER BRAIN INCISION	0476	LATE REPAIR PER NERV INJ
0141	THALAMUS OPERATIONS	0479	OTHER NEUROPLASTY
0142	GLOBUS PALLIDUS OPS	0491	NEURECTASIS
0151	EX CEREB MENINGEAL LES	0492	IMPLANT PERIPH STIMULAT
0152	HEMISPHERECTOMY	0493	REMOVE PERIPH STIMULATOR
0153	BRAIN LOBECTOMY	050	SYMPATH NERVE DIVISION
0159	OTHER BRAIN EXCISION	0511	SYMPATHETIC NERVE BIOPSY
016	EXCISE SKULL LESION	0519	SYMPATH NRV DX PROC NEC
0201	LINEAR CRANIECTOMY	0521	SPHENOPALATIN GANGLIONEC
0202	ELEVATE SKULL FX FRAGMNT	0522	CERVICAL SYMPATHECTOMY
0203	SKULL FLAP FORMATION	0524	PRESACRAL SYMPATHECTOMY
0204	BONE GRAFT TO SKULL	0529	OTHER SYMPATHECTOMY
0205	SKULL PLATE INSERTION	0581	SYMPATHETIC NERVE REPAIR
0206	CRANIAL OSTEOPLASTY NEC	0589	SYMPATHETIC NERVE OP NEC
0207	SKULL PLATE REMOVAL	059	OTHER NERVOUS SYSTEM OPS
0211	SIMPLE SUTURE OF DURA	0609	INCIS THYROID FIELD NEC
0212	BRAIN MENINGE REPAIR NEC	0612	OPEN THYROID GLAND BX
0213	MENINGE VESSEL LIGATION	0613	PARATHYROID BIOPSY
0214	CHOROID PLEXECTOMY	0619	THYR/PARATHY DX PROC NEC
022	VENTRICULOSTOMY	062	UNILAT THYROID LOBECTOMY
0231	VENTRICL SHUNT-HEAD/NECK	0631	EXCISION THYROID LESION
0232	VENTRI SHUNT-CIRCULA SYS	0639	PART THYROIDECTOMY NEC
0233	VENTRICL SHUNT-THORAX	064	COMPLETE THYROIDECTOMY
0234	VENTRICL SHUNT-ABDOMEN	0650	SUBSTERN THYROIDECT NOS
0235	VENTRI SHUNT-UNINARY SYS	0651	PART SUBSTERN THYROIDECT
0239	OTHER VENTRICULAR SHUNT	0652	TOT SUBSTERN THYROIDECT
0242	REPLACE VENTRICLE SHUNT	066	LINGUAL THYROID EXCISION
0243	REMOVE VENTRICLE SHUNT	067	THYROGLOSS DUCT EXCISION
0291	LYSIS CORTICAL ADHESION	0681	TOTAL PARATHYROIDECTOMY
0292	BRAIN REPAIR	0689	OTHER PARATHYROIDECTOMY
0293	IMPLANT BRAIN STIMULATOR	0691	THYROID ISTHMUS DIVISION
0294	INSERT/REPLAC SKULL TONG	0692	THYROID VESSEL LIGATION
0299	SKULL & BRAIN OP NEC	0693	THYROID SUTURE
0301	REMOVAL FB SPINAL CANAL	0694	THYROID REIMPLANTATION
0302	REOPEN LAMINECTOMY SITE	0695	PARATHYROID REIMPLANT
0309	SPINAL CANAL EXPLOR NEC	0698	OTHER THYROID OPERATIONS
031	INTRASPIN NERVE ROOT DIV	0699	OTHER PARATHYROID OPS
0321	PERCUTANEOUS CHORDOTOMY	0700	ADRENAL EXPLORATION NOS
0329	OTHER CHORDOTOMY	0701	UNILAT ADRENAL EXPLORAT
0332	SPINAL CORD/MENINGES BX	0702	BILAT ADRENAL EXPLORAT
0339	OTHER SPINAL DX PROC	0712	OPEN ADRENAL GLAND BX
034	EXCIS SPINAL CORD LESION	0713	TRANSFRONT PITUITARY BX
0351	SPINE MENINGOCELE REPAIR	0714	TRANSPHEN PITUITARY BX
0352	MYELOMENINGOCEL REPAIR	0715	PITUITARY BIOPSY NOS
0353	VERTEBRAL FX REPAIR	0716	THYMUS BIOPSY
0359	SPINAL STRUCT REPAIR NEC	0717	PINEAL BIOPSY
036	SPINAL CORD ADHESIOLYSIS	0719	ENDOCRINE DX PROC NEC
0371	SUBARACH-PERITON SHUNT	0721	ADRENAL LESION EXCISION
0372	SUBARACH-URETERAL SHUNT	0722	UNILATERAL ADRENALECTOMY
0379	OTH SPINAL THECAL SHUNT	0729	PART ADRENALECTOMY NEC
0393	INSERT SPINAL STIMULATOR	073	BILATERAL ADRENALECTOMY
0394	REMOVE SPINAL STIMULATOR	0741	ADRENAL INCISION
0397	REVISE SPINE THECA SHUNT	0742	ADRENAL NERVE DIVISION
0398	REMOVE SPINE THECA SHUNT	0743	ADRENAL VESSEL LIGATION
0399	SPINE CANAL STRUC OP NEC	0744	ADRENAL REPAIR
0401	ACOUSTIC NEUROTOMY	0745	ADRENAL REIMPLANTATION
0402	TRIGEMINAL NERV DIVISION	0749	ADRENAL OPERATION NEC
0403	PERIPH NERVE DIV NEC	0751	PINEAL FIELD EXPLORATION
0404	PERIPH NERVE INCIS NEC	0752	PINEAL GLAND INCISION
0405	GASSERIAN GANGLIONECTOMY	0753	PARTIAL PINEALECTOMY
0406	PERIPH GANGLIONECT NEC	0754	TOTAL PINEALECTOMY
0412	OPEN PERIPH NERVE BIOPSY	0759	PINEAL OPERATION NEC
0419	PERIPH NERVE DX PROC NEC	0761	EXC PITUIT LES-TRANSFRON
043	PERIPHERAL NERVE SUTURE	0762	EXC PITUIT LES-TRANSPHEN
045	PERIPHERAL NERVE GRAFT	0763	PART EXCIS PITUITARY NOS
046	PERIPH NERVE TRANSPOSIT	0764	TOT EXC PITUIT-TRANSFRON
0471	HYPOGLOSS-FACIAL ANASTOM	0765	TOT EXC PITUIT-TRANSPHEN
0472	ACCESSORY-FACIAL ANASTOM	0768	TOTAL EXC PITUITARY NEC

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0769	TOTAL EXC PITUITARY NOS	2253	MULTIPLE SINUS INCISION
0771	PITUITARY FOSSA EXPLORAT	2260	SINUSECTOMY NOS
0772	PITUITARY GLAND INCISION	2261	C-LUC EXC MAX SINUS LES
0779	PITUITARY OPERATION NEC	2262	EXC MAX SINUS LESION NEC
0780	THYMECTOMY NOS	2264	SPENOIDECTOMY
0781	PART EXCISION OF THYMUS	2271	NASAL SINUS FISTULA CLOS
0782	TOTAL EXCISION OF THYMUS	2279	NASAL SINUS REPAIR NEC
0791	THYMUS FIELD EXPLORATION	229	OTHER NASAL SINUS OPS
0792	INCISION OF THYMUS	242	GINGIVOPLASTY
0793	REPAIR OF THYMUS	245	ALVEOLOPLASTY
0794	THYMUS TRANSPLANTATION	2502	OPEN BIOPSY OF TONGUE
0799	THYMUS OPERATION NEC	252	PARTIAL GLOSSECTOMY
1821	PREAURICULAR SINUS EXCIS	253	COMPLETE GLOSSECTOMY
1831	RAD EXCIS EXT EAR LES	254	RADICAL GLOSSECTOMY
1839	EXCIS EXTERNAL EAR NEC	2559	REPAIR OF TONGUE NEC
185	CORRECTION PROMINENT EAR	2594	OTHER GLOSSOTOMY
186	EXT AUDIT CANAL RECONSTR	2599	TONGUE OPERATION NEC
1871	CONSTRUCTION EAR AURICLE	2612	OPEN BX SALIV GLAND/DUCT
1872	REATTACH AMPUTATED EAR	2641	SUTURE OF SALIV GLND LAC
189	OTHER EXT EAR OPERATIONS	2642	SALIVARY FISTULA CLOSURE
190	STAPES MOBILIZATION	2649	SALIVARY REPAIR NEC
1911	STAPEDECT W REPLAC INCUS	2699	SALIVARY OPERATION NEC
1919	STAPEDECTOMY NEC	270	DRAIN FACE & MOUTH FLOOR
1921	REV STAPDEC W INCUS REPL	271	INCISION OF PALATE
1929	STAPEDECTOMY REVIS NEC	2721	BONY PALATE BIOPSY
193	OSSICULAR CHAIN OP NEC	2722	UVULA AND SOFT PALATE BX
1952	TYPE 2 TYMPANOPLASTY	2731	LOC EXC BONY PALATE LES
1953	TYPE 3 TYMPANOPLASTY	2732	WIDE EXC BONY PALATE LES
1954	TYPE 4 TYMPANOPLASTY	2742	WIDE EXCISION OF LIP LES
1955	TYPE 5 TYMPANOPLASTY	2749	EXCISION OF MOUTH NEC
196	TYMPANOPLASTY REVISION	2753	CLOSURE OF MOUTH FISTULA
199	MIDDLE EAR REPAIR NEC	2754	REPAIR OF CLEFT LIP
2021	MASTOID INCISION	2755	FULL-THICK GRFT TO MOUTH
2022	PETRUS PYRAM AIR CEL INC	2756	SKIN GRAFT TO MOUTH NEC
2023	MIDDLE EAR INCISION	2757	PEDICLE ATTACH TO MOUTH
2032	MID & INNER EAR BIOPSY	2759	MOUTH REPAIR NEC
2039	MID/IN EAR DX PROC NEC	2761	SUTURE OF PALATE LACERAT
2041	SIMPLE MASTOIDECTOMY	2762	CLEFT PALATE CORRECTION
2042	RADICAL MASTOIDECTOMY	2763	REVIS CLEFT PALAT REPAIR
2059	MIDDLE EAR EXCISION NEC	2769	OTH PLASTIC REPAIR PALAT
2061	INNER EAR FENESTRATION	2771	INCISION OF UVULA
2062	REVIS INNER EAR FENESTRA	2772	EXCISION OF UVULA
2071	ENDOLYMPHATIC SHUNT	2773	REPAIR OF UVULA
2072	INNER EAR INJECTION	2779	OTHER UVULA OPERATIONS
2079	INC/EXC/DESTR IN EAR NEC	2792	MOUTH INCISION NOS
2091	TYMPANOSYMPATHECTOMY	2799	ORAL CAVITY OPS NEC
2092	MASTOIDECTOMY REVISION	280	PERITONSILLAR I & D
2093	REPAIR OVAL/ROUND WINDOW	2819	TONSIL&ADENOID DX OP NEC
2095	ELECMAG HEAR DEV IMPLANT	283	TONSILLECTOMY/ADENOIDEC
2096	IMPLT COCHLEAR PROST NOS	284	EXCISION OF TONSIL TAG
2097	IMP/REP SCHAN COCH PROS	285	EXCISION LINGUAL TONSIL
2098	IMP/REP MCHAN COCHL PROS	286	ADENOIDECTOMY
2099	MID-INNER EAR OPS NEC	287	HEMORR CONTRL POST T & A
2104	ETHMOID ART LIGAT-EPIST	2891	INCIS TO REMOV TONSIL FB
2105	MAX ART LIG FOR EPISTAX	2892	EXCIS TONSIL/ADENOID LES
2106	EXT CAROT ART LIG-EPIST	2899	TONSIL/ADENOID OPS NEC
2107	NASAL SEPT GRFT-EPISTAX	290	PHARYNGOTOMY
214	RESECTION OF NOSE	292	EXC BRANCHIAL CLEFT CYST
2161	DIATHER/CRYO TURBINECTOM	293	DESTRUCT PHARYNGEAL LES
2162	TURBINATE FRACTURE	2931	CRICOPHARYNGEAL MYOTOMY
2172	OPEN REDUCTION NASAL FX	2932	PHARYNGEAL DIVERTICULEC
2182	NASAL FISTULA CLOSURE	2933	PHARYNGECTOMY
2183	TOT NASAL RECONSTRUCTION	2939	EXCIS/DESTR LES PHAR NEC
2212	OPEN BIOPSY NASAL SINUS	2951	SUTURE OF PHARYNGEAL LAC
2231	RADICAL MAXILLARY ANTROT	2952	CLOS BRANCH CLEFT FISTUL
2239	EXT MAXILLARY ANTROT NEC	2953	CLOS PHARYNX FISTULA NEC
2241	FRONTAL SINUSOTOMY	2954	LYSIS PHARYNGEAL ADHES
2242	FRONTAL SINUSECTOMY	2959	PHARYNGEAL REPAIR NEC
2250	SINUSOTOMY NOS	2992	DIVIS GLOSSOPHARYNG NERV
2251	ETHMOIDOTOMY	2999	PHARYNGEAL OPERATION NEC
2252	SPHENOIDOTOMY	3001	LARYNX CYST MARSUPIALIZ

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301	HEMILARYNGECTOMY	3482	SUTURE DIAPHRAGM LACERAT
3021	EPIGLOTTIDECTOMY	3483	CLOSE DIAPHRAGM FISTULA
3022	VOCAL CORDECTOMY	3484	OTHER DIAPHRAGM REPAIR
3029	OTHER PART LARYNGECTOMY	3485	IMPLANT DIAPHRA PACEMAKE
303	COMPLETE LARYNGECTOMY	3489	DIAPHRAGM OPERATION NEC
304	RADICAL LARYNGECTOMY	3493	REPAIR OF PLEURA
3121	MEDIASTINAL TRACHEOSTOMY	3499	THORACIC OPERATION NEC
3129	OTHER PERM TRACHEOSTOMY	3500	CLOSED VALVOTOMY NOS
313	INCIS LARYNX TRACHEA NEC	3501	CLOSED AORTIC VALVOTOMY
3145	OPN BX LARYNX OR TRACHEA	3502	CLOSED MITRAL VALVOTOMY
315	LOCAL DESTRUC TRACH LES	3503	CLOSED PULMON VALVOTOMY
3161	SUTURE OF LARYNGEAL LAC	3504	CLOSED TRICUSP VALVOTOMY
3162	LARYNGEAL FISTULA CLOS	3510	OPEN VALVULOPLASTY NOS
3163	LARYNGOSTOMY REVISION	3511	OPN AORTIC VALVULOPLASTY
3164	LARYNGEAL FX REPAIR	3512	OPN MITRAL VALVULOPLASTY
3169	OTHER LARYNGEAL REPAIR	3513	OPN PULMON VALVULOPLASTY
3171	SUTURE OF TRACHEAL LACER	3514	OPN TRICUS VALVULOPLASTY
3172	CLOSURE OF TRACHEOSTOMY	3520	REPLACE HEART VALVE NOS
3173	TRACHEA FISTULA CLOS NEC	3521	REPLACE AORT VALV-TISSUE
3174	REVISION OF TRACHEOSTOMY	3522	REPLACE AORTIC VALVE NEC
3175	TRACHEAL RECONSTRUCTION	3523	REPLACE MITR VALV-TISSUE
3179	OTHER TRACHEAL REPAIR	3524	REPLACE MITRAL VALVE NEC
3191	LARYNGEAL NERV DIVISION	3525	REPLACE PULM VALV-TISSUE
3192	LYSIS TRACH/LARYNX ADHES	3526	REPLACE PULMON VALVE NEC
3199	OTHER TRACHEAL OPERATION	3527	REPLACE TRIC VALV-TISSUE
3209	OTHER DESTRUC BRONC LES	3528	REPLACE TRICUSP VALV NEC
321	OTHER BRONCHIAL EXCISION	3531	PAPILLARY MUSCLE OPS
3221	EMPHYSEMA BLEB PPLICATION	3532	CHORDAE TENDINEAE OPS
3228	ENDOSC DESTRUC LUNG LES	3533	ANNULOPLASTY
3229	DESTROY LOC LUNG LES NEC	3534	INFUNDIBULECTOMY
323	SEGMENTAL LUNG RESECTION	3535	TRABECUL CARNEAE CORD OP
324	LOBECTOMY OF LUNG	3539	TISS ADJ TO VALV OPS NEC
325	COMPLETE PNEUMONECTOMY	3542	CREATE SEPTAL DEFECT
326	RAD DISSEC THORAC STRUCT	3550	PROSTH REP HRT SEPTA NOS
329	OTHER EXCISION OF LUNG	3551	PROS REP ATRIAL DEF-OPN
330	INCISION OF BRONCHUS	3552	PROS REPAIR ATRIA DEF-CL
331	INCISION OF LUNG	3553	PROST REPAIR VENTRIC DEF
3324	CLOSED BRONCHIAL BIOPSY	3554	PROS REP ENDOCAR CUSHION
3325	OPEN BRONCHIAL BIOPSY	3560	GRFT REPAIR HRT SEPT NOS
3327	CLOS ENDOSCOPIC LUNG BX	3561	GRAFT REPAIR ATRIAL DEF
3328	OPEN LUNG BIOPSY	3562	GRAFT REPAIR VENTRIC DEF
3329	BRONCH/LUNG DX PROC NEC	3563	GRFT REP ENDOCAR CUSHION
3334	THORACOPLASTY	3570	HEART SEPTA REPAIR NOS
3339	SURG COLLAPS OF LUNG NEC	3571	ATRIA SEPTA DEF REP NEC
3341	BRONCHIAL LACERAT SUTURE	3572	VENTR SEPTA DEF REP NEC
3342	BRONCHIAL FISTULA CLOS	3573	ENDOCAR CUSHION REP NEC
3343	LUNG LACERATION CLOSURE	3581	TOT REPAIR TETRAL FALLOT
3348	BRONCHIAL REPAIR NEC	3582	TOTAL REPAIR OF TAPVC
3349	LUNG REPAIR NEC	3583	TOT REP TRUNCUS ARTERIOS
335	LUNG TRANSPLANT	3584	TOT COR TRANSPOS GRT VES
336	COMB HEART/LUNG TRANSPLA	3591	INTERAT VEN RETRN TRANSP
3392	BRONCHIAL LIGATION	3592	CONDUIT RT VENT-PUL ART
3393	PUNCTURE OF LUNG	3593	CONDUIT LEFT VENTR-AORTA
3398	BRONCHIAL OPERATION NEC	3594	CONDUIT ARTIUM-PULM ART
3399	LUNG OPERATION NEC	3595	HEART REPAIR REVISION
3402	EXPLORATORY THORACOTOMY	3596	PERC HEART VALVULOPLASTY
3403	REOPEN THORACOTOMY SITE	3598	OTHER HEART SEPTA OPS
341	INCISION OF MEDIASTINUM	3599	OTHER HEART VALVE OPS
3421	TRANSPLEURA THORACOSCOPY	3601	PTCA-1 VESSEL W/O AGENT
3422	MEDIASTINOSCOPY	3602	PTCA-1 VESSEL WITH AGNT
3426	OPEN MEDIASTINAL BIOPSY	3603	OPEN CORONRY ANGIOPLASTY
3427	BIOPSY OF DIAPHRAGM	3605	PTCA-MULTIPLE VESSEL
3428	DX PROCEDURE THORAX NEC	3609	OTH REMV CORONRY ART OBS
3429	DX PROC MEDIASTINUM NEC	3610	AORTOCORONARY BYPASS NOS
3451	DECORTICATION OF LUNG	3611	AORTOCOR BYPAS-1 COR ART
3459	OTHER PLEURAL EXCISION	3612	AORTOCOR BYPAS-2 COR ART
346	SCARIFICATION OF PLEURA	3613	AORTOCOR BYPAS-3 COR ART
3473	CLOS THORACIC FISTUL NEC	3614	AORTCOR BYPAS-4+ COR ART
3474	PECTUS DEFORMITY REPAIR	3615	1 INT MAM-COR ART BYPASS
3479	OTHER CHEST WALL REPAIR	3616	2 INT MAM-COR ART BYPASS
3481	EXCISE DIAPHRAGM LESION	3619	HRT REVAS BYPS ANAS NEC

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362	ARTERIAL IMPLANT REVASC	3849	LEG VEIN RESECT W REPLAC
363	HEART REVASCULARIZAT NEC	3850	VARICOSE V LIG-STRIP NOS
3691	CORON VESS ANEURYSM REP	3851	INTRCRAN VAR V LIG-STRIP
3699	HEART VESSEL OP NEC	3852	HEAD/NECK VAR V LIG-STR
3710	INCISION OF HEART NOS	3853	ARM VARICOSE V LIG-STRIP
3711	CARDIOTOMY	3855	THORAC VAR V LIG-STRIP
3712	PERICARDIOTOMY	3857	ABD VARICOS V LIGA-STRIP
3724	PERICARDIAL BIOPSY	3859	LEG VARICOS V LIGA-STRIP
3731	PERICARDIECTOMY	3860	EXCISION OF VESSEL NOS
3732	HEART ANEURYSM EXCISION	3861	INTRACRAN VESSEL EXCIS
3733	EXC/DEST OTH HRT LESION	3862	HEAD/NECK VESSEL EXCIS
3734	CATH ABLATION LES HEART	3863	ARM VESSEL EXCISION
374	HEART & PERICARD REPAIR	3864	EXCISION OF AORTA
375	HEART TRANSPLANTATION	3865	THORACIC VESSEL EXCISION
3761	PULSATION BALLOON IMPLAN	3866	ABDOMINAL ARTERY EXCIS
3762	IMPLANT HRT ASST SYS NEC	3867	ABDOMINAL VEIN EXCISION
3763	REPLACE HRT ASSIST SYST	3868	LEG ARTERY EXCISION
3764	REMOVE HEART ASSIST SYS	3869	LEG VEIN EXCISION
3774	INT OR REPL LEAD EPICAR	387	INTERRUPTION VENA CAVA
3775	REVISION OF LEAD	3880	SURG VESSEL OCCLUS NEC
3776	REPL TV ATRI-VENT LEAD	3881	OCCLUS INTRACRAN VES NEC
3777	REMOVAL OF LEAD W/O REPL	3882	OCCLUS HEAD/NECK VES NEC
3779	REVIS OR RELOCATE POCKET	3883	OCCLUDE ARM VESSEL NEC
3780	INT OR REPL PERM PACEMKR	3884	OCCLUDE AORTA NEC
3785	REPL PACEM W 1-CHAM, NON	3885	OCCLUDE THORACIC VES NEC
3786	REPL PACEM 1-CHAM, RATE	3886	OCCLUDE ABD ARTERY NEC
3787	REPL PACEM W DUAL-CHAM	3887	OCCLUDE ABD VEIN NEC
3791	OPN CHEST CARDIAC MASSAG	3888	OCCLUDE LEG ARTERY NEC
3794	IMPLT/REPL CARDDEFIB TOT	3889	OCCLUDE LEG VEIN NEC
3795	IMPLT CARDIODEFIB LEADS	390	SYSTEMIC-PULM ART SHUNT
3796	IMPLT CARDIODEFIB GENATR	391	INTRA-ABD VENOUS SHUNT
3797	REPL CARDIODEFIB LEADS	3921	CAVAL-PULMON ART ANASTOM
3798	REPL CARDIODEFIB GENRATR	3922	AORTA-SUBCLV-CAROT BYPAS
3799	OTHER HEART/PERICARD OPS	3923	INTRATHORACIC SHUNT NEC
3801	INTRACRAN VESSEL INCIS	3924	AORTA-RENAL BYPASS
3802	HEAD/NECK VES INCIS NEC	3925	AORTA-ILIAC-FEMOR BYPASS
3803	UPPER LIMB VESSEL INCIS	3926	INTRA-ABDOMIN SHUNT NEC
3804	INCISION OF AORTA	3927	DIALYSIS ARTERIOVENOSTOM
3805	THORACIC VESSEL INC NEC	3928	EXTRACRAN-INTRACRAN BYPASS
3806	ABDOMEN ARTERY INCISION	3929	VASC SHUNT & BYPASS NEC
3807	ABDOMINAL VEIN INCISION	3930	SUTURE OF VESSEL NOS
3808	LOWER LIMB ARTERY INCIS	3931	SUTURE OF ARTERY
3810	ENDARTERECTOMY NOS	3941	POSTOP VASC OP HEM CONTR
3811	INTRACRAN ENDARTERECTOMY	3942	REVIS REN DIALYSIS SHUNT
3812	HEAD & NECK ENDARTER NEC	3943	REMOV REN DIALYSIS SHUNT
3813	UPPER LIMB ENDARTERECTOM	3949	VASC PROC REVISION NEC
3814	ENDARTERECTOMY OF AORTA	3951	CLIPPING OF ANEURYSM
3815	THORACIC ENDARTERECTOMY	3952	ANEURYSM REPAIR NEC
3816	ABDOMINAL ENDARTERECTOMY	3954	RE-ENTRY OPERATION
3818	LOWER LIMB ENDARTERECT	3955	REIMPLAN ABERR RENAL VES
3821	BLOOD VESSEL BIOPSY	3956	REPAIR VESS W TIS PATCH
3829	BLOOD VESSEL DX PROC NEC	3957	REP VESS W SYNTH PATCH
3830	VESSEL RESECT/ANAST NOS	3958	REPAIR VESS W PATCH NOS
3831	INTRACRAN VES RESEC-ANAS	3959	REPAIR OF VESSEL NEC
3832	HEAD/NECK VES RESEC-ANAS	397	PERIARTER SYMPATHECTOMY
3833	ARM VESSEL RESECT/ANAST	398	VASCULAR BODY OPERATIONS
3834	AORTA RESECTION & ANAST	3991	FREEING OF VESSEL
3835	THOR VESSEL RESECT/ANAST	3992	VEIN INJECT-SCLEROS AGNT
3836	ABD VESSEL RESECT/ANAST	3993	INSERT VES-TO-VES CANNUL
3837	ABD VEIN RESECT & ANAST	3998	HEMORRHAGE CONTROL NOS
3838	LEG ARTERY RESECT/ANAST	3999	VESSEL OPERATION NEC
3839	LEG VEIN RESECT/ANASTOM	4022	EXCISE INT MAMMARY NODE
3840	VESSEL RESECT/REPLAC NOS	4040	RAD NECK DISSECTION NOS
3841	INTRACRAN VES RESEC-REPL	4041	UNILAT RAD NECK DISSECT
3842	HEAD/NECK VES RESEC-REPL	4042	BILAT RAD NECK DISSECT
3843	ARM VES RESECT W REPLACE	4050	RAD NODE DISSECTION NOS
3844	RESECT ABDM AORTA W REPL	4051	RAD DISSEC AXILLARY NODE
3845	RESECT THORAC VES W REPL	4052	RAD DISSEC PERIAORT NODE
3846	ABD ARTERY RESEC W REPLA	4053	RAD DISSECT ILIAC NODES
3847	ABD VEIN RESECT W REPLAC	4054	RADICAL GROIN DISSECTION
3848	LEG ARTERY RESEC W REPLA	4059	RAD NODE DISSECTION NEC

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4061	THORAC DUCT CANNULATION	4403	SELECTIVE VAGOTOMY NEC
4062	THORACIC DUCT FISTULIZAT	4411	TRANSABDOMIN GASTROSCOPY
4063	CLOSE THORACIC DUCT FIST	4421	DILATE PYLORUS, INCISION
4064	LIGATE THORACIC DUCT	4429	OTHER PYLOROPLASTY
4069	THORACIC DUCT OP NEC	4431	HIGH GASTRIC BYPASS
409	LYMPH STRUCTURE OP NEC	4439	GASTROENTEROSTOMY NEC
4100	BONE MARROW TRNSPLNT NOS	4440	SUTURE PEPTIC ULCER NOS
4101	AUT BONE MARROW TRNSPLNT	4441	SUT GASTRIC ULCER SITE
4102	ALO BONE MARROW TRNSPLNT	4442	SUTURE DUODEN ULCER SITE
4103	ALLOGRFT BONE MARROW NOS	445	REVISION GASTRIC ANASTOM
412	SPLENOTOMY	4461	SUTURE GASTRIC LACERAT
4133	OPEN SPLEEN BIOPSY	4463	CLOSE GASTRIC FISTUL NEC
4141	SPLENIC CYST MARSUPIAL	4464	GASTROPEXY
4142	EXC SPLENIC LESION/TISS	4465	ESOPHAGOGASTROPLASTY
4143	PARTIAL SPLENECTOMY	4466	CREAT ESOPHAGASTR SPHINC
415	TOTAL SPLENECTOMY	4469	GASTRIC REPAIR NEC
4193	EXC OF ACCESSORY SPLEEN	4491	LIGATE GASTRIC VARICES
4194	SPLEEN TRANSPLANTATION	4492	INTRAOP GASTRIC MANIPUL
4195	REPAIR OF SPLEEN	4499	GASTRIC OPERATION NEC
4199	SPLEEN OPERATION NEC	4500	INTESTINAL INCISION NOS
4201	ESOPHAGEAL WEB INCISION	4501	DUODENAL INCISION
4209	ESOPHAGEAL INCISION NEC	4502	SMALL BOWEL INCISION NEC
4210	ESOPHAGOSTOMY NOS	4503	LARGE BOWEL INCISION
4211	CERVICAL ESOPHAGOSTOMY	4515	OPEN SMALL BOWEL BIOPSY
4212	ESOPH POUCH EXTERIORIZAT	4550	INTEST SEG ISOLAT NOS
4219	EXT FISTULIZAT ESOPH NEC	4551	SM BOWEL SEGMENT ISOLAT
4221	ESOPHAGOSCOPY BY INCIS	4552	LG BOWEL SEGMENT ISOLAT
4225	OPEN BIOPSY OF ESOPHAGUS	4561	MULT SEG SM BOWEL EXCIS
4231	LOC EXCIS ESOPH DIVERTIC	4562	PART SM BOWEL RESECT NEC
4232	LOCAL EXCIS ESOPHAG NEC	4563	TOTAL REMOVAL SM BOWEL
4239	DESTRUCT ESOPHAG LES NEC	4571	MULT SEG LG BOWEL EXCIS
4240	ESOPHAGECTOMY NOS	4572	CECECTOMY
4241	PARTIAL ESOPHAGECTOMY	4573	RIGHT HEMICOLECTOMY
4242	TOTAL ESOPHAGECTOMY	4574	TRANSVERSE COLON RESECT
4251	THORAC ESOPHAGUESOPHAGOS	4575	LEFT HEMICOLECTOMY
4252	THORAC ESOPHAGOGASTROST	4576	SIGMOIDECTOMY
4253	THORAC SM BOWEL INTERPOS	4579	PART LG BOWEL EXCIS NEC
4254	THORAC ESOPHAGOENTER NEC	458	TOT INTRA-ABD COLECTOMY
4255	THORAC LG BOWEL INTERPOS	4590	INTESTINAL ANASTOM NOS
4256	THORAC ESOPHAGOCOLOS NEC	4591	SM-TO-SM BOWEL ANASTOM
4258	THORAC INTERPOSITION NEC	4592	SM BOWEL-RECT STUMP ANAS
4259	THORAC ESOPHAG ANAST NEC	4593	SMALL-TO-LARGE BOWEL NEC
4261	STERN ESOPHAGUESOPHAGOST	4594	LG-TO-LG BOWEL ANASTOM
4262	STERN ESOPHAGOGASTROSTOM	4595	ANAL ANASTOMOSIS
4263	STERN SM BOWEL INTERPOS	4601	SM BOWEL EXTERIORIZATION
4264	STERN ESOPHAGOENTER NEC	4602	RESECT EXT SEG SM BOWEL
4265	STERN LG BOWEL INTERPOS	4603	LG BOWEL EXTERIORIZATION
4266	STERN ESOPHAGOCOLOS NEC	4604	RESECT EXT SEG LG BOWEL
4268	STERN INTERPOSITION NEC	4610	COLOSTOMY NOS
4269	STERN ESOPHAG ANAST NEC	4611	TEMPORARY COLOSTOMY
427	ESOPHAGOMYOTOMY	4613	PERMANENT COLOSTOMY NEC
4282	SUTURE ESOPHAGEAL LACER	4620	ILEOSTOMY NOS
4283	ESOPHAGOSTOMY CLOSURE	4621	TEMPORARY ILEOSTOMY
4284	ESOPH FISTULA REPAIR NEC	4622	CONTINENT ILEOSTOMY
4285	ESOPHAG STRICTURE REPAIR	4623	PERMANENT ILEOSTOMY NEC
4286	PROD SUBQ TUNNEL NO ANAS	4640	INTEST STOMA REVIS NOS
4287	ESOPHAGEAL GRAFT NEC	4642	PERICOLEST HERNIA REPAIR
4289	ESOPHAGEAL REPAIR NEC	4650	INTEST STOMA CLOSURE NOS
4291	LIGATION ESOPH VARIX	4651	SM BOWEL STOMA CLOSURE
430	GASTROTOMY	4660	INTESTINAL FIXATION NOS
433	PYLOROMYOTOMY	4661	SM BOWEL-ABD WALL FIXAT
435	PROXIMAL GASTRECTOMY	4662	SMALL BOWEL FIXATION NEC
436	DISTAL GASTRECTOMY	4663	LG BOWEL-ABD WALL FIXAT
437	PART GASTREC W JEJ ANAST	4664	LARGE BOWEL FIXATION NEC
4381	PART GAST W JEJ TRANSPOS	4671	DUODENAL LACERAT SUTURE
4389	PARTIAL GASTRECTOMY NEC	4672	DUODENAL FISTULA CLOSURE
4391	TOT GAST W INTES INTERPO	4673	SMALL BOWEL SUTURE NEC
4399	TOTAL GASTRECTOMY NEC	4674	CLOSE SM BOWEL FIST NEC
4400	VAGOTOMY NOS	4675	SUTURE LG BOWEL LACERAT
4401	TRUNCAL VAGOTOMY	4676	CLOSE LG BOWEL FISTULA
4402	HIGHLY SELECT VAGOTOMY	4679	REPAIR OF INTESTINE NEC

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4680	INTRA-AB BOWEL MANIP NOS	5119	BILIARY TR DX PROC NEC
4681	INTRA-ABD SM BOWEL MANIP	5122	TOTAL CHOLECYSTECTOMY
4682	INTRA-ABD LG BOWEL MANIP	5123	LAP CHOLE
4691	MYOTOMY OF SIGMOID COLON	5131	GB-TO-HEPAT DUCT ANAST
4692	MYOTOMY OF COLON NEC	5132	GB-TO-INTESTINE ANASTOM
4693	REVISE SM BOWEL ANASTOM	5133	GB-TO-PANCREAS ANASTOM
4694	REVISE LG BOWEL ANASTOM	5134	GB-TO-STOMACH ANASTOMOS
4699	INTESTINAL OP NEC	5135	GALLBLADDER ANASTOM NEC
470	APPENDECTOMY	5136	CHOLEDOCHOENTEROSTOMY
471	INCIDENTAL APPENDECTOMY	5137	HEPATIC DUCT-GI ANASTOMY
4711	LAP INCID APPENDECTOMY#	5139	BILE DUCT ANASTOMOS NEC
4719	OTHER INCID APPENDECTOMY#	5141	CDE FOR CALCULUS REMOV
472	DRAIN APPENDICEAL ABSC	5142	CDE FOR OBSTRUCTION NEC
4791	APPENDICOSTOMY	5143	CHOLEDOCHOHEPAT INTUBAT
4792	CLOSE APPENDICEAL FISTUL	5149	INCIS OBSTR BILE DUC NEC
4799	APPENDICEAL OPS NEC	5151	COMMON DUCT EXPLORATION
480	PROCTOTOMY	5159	BILE DUCT INCISION NEC
481	PROCTOSTOMY	5161	EXCIS CYST DUCT REMNANT
4821	TRANSAB PROCTOSIGMOIDOSC	5162	EXCIS AMPULLA OF VATER
4841	SOAVE SUBMUC RECT RESECT	5163	COMMON DUCT EXCIS NEC
4849	PULL-THRU RECT RESEC NEC	5169	BILE DUCT EXCISION NEC
485	ABD-PERINEAL RECT RESECT	5171	SIMPLE SUT-COMMON DUCT
4861	TRANSASAC RECTOSIGMOIDECT	5172	CHOLEDOCHOPLASTY
4862	ANT RECT RESECT W COLOST	5179	BILE DUCT REPAIR NEC
4863	ANTERIOR RECT RESECT NEC	5181	SPHINCTER OF ODDI DILAT
4864	POSTERIOR RECT RESECTION	5182	PANCREAT SPHINCTEROTOM
4865	DUHAMEL RECTAL RESECTION	5183	PANCREAT SPHINCTEROPLAS
4869	RECTAL RESECTION NEC	5189	SPHINCT OF ODDI OP NEC
4871	SUTURE OF RECTAL LACER	5191	REPAIR GB LACERATION
4872	CLOSURE OF PROCTOSTOMY	5192	CLOSURE CHOLECYSTOSTOMY
4873	CLOSE RECTAL FIST NEC	5193	CLOS BILIARY FISTUL NEC
4874	RECTORECTOSTOMY	5194	REVIS BILE TRACT ANASTOM
4875	ABDOMINAL PROCTOPEXY	5195	REMOVE BILE DUCT PROSTH
4876	PROCTOPEXY NEC	5201	CATH DRAIN-PANCREAT CYST
4879	REPAIR OF RECTUM NEC	5209	PANCREATOTOMY NEC
4891	INCIS RECTAL STRICTURE	5212	OPEN PANCREATIC BIOPSY
4892	ANORECTAL MYOMECTOMY	5219	PANCREATIC DX PROC NEC
4893	REPAIR PERIRECT FISTULA	5222	OTHER DESTRU PANCREA LES
4899	RECTAL PERIRECT OP NEC	523	PANCREAT CYST MARSUPIALI
4901	INCIS PERIANAL ABSCESS	524	INT DRAIN PANCREAT CYST
4902	PERIANAL INCISION NEC	5251	PROXIMAL PANCREATECTOMY
4904	PERIANAL EXCISION NEC	5252	DISTAL PANCREATECTOMY
4951	LEFT LAT SPHINCTEROTOMY	5253	RAD SUBTOT PANCREATECTOM
4952	POST SPHINCTEROTOMY	5259	PARTIAL PANCREATECT NEC
496	EXCISION OF ANUS	526	TOTAL PANCREATECTOMY
4971	SUTURE ANAL LACERATION	527	RAD PANCREATICODUODENECT
4972	ANAL CERCLAGE	5280	PANCREAT TRANSPLANT NOS
4973	CLOSURE OF ANAL FISTULA	5281	REIMPLANT PANCREATIC TIS
4974	GRACILIS MUSC TRANSPLAN	5282	PANCREATIC HOMOTRANSPLAN
4991	INCISION OF ANAL SEPTUM	5283	PANCREATIC HETEROTRANSPL
4992	INSERT SUBQ ANAL STIMUL	5292	CANNULATION PANCREA DUC
4993	ANAL INCISION NEC	5295	PANCREATIC REPAIR NEC
4994	REDUCTION ANAL PROLAPSE	5296	PANCREATIC ANASTOMOSIS
4995	CONTROL ANAL HEMORRHAGE	5299	PANCREATIC OPERATION NEC
4999	ANAL OPERATION NEC	5359	ABD WALL HERN REPAIR NEC
500	HEPATOTOMY	5361	INCIS HERNIA REPAIR-GRFT
5012	OPEN LIVER BIOPSY	5369	ABD HERN REPAIR-GRFT NEC
5019	HEPATIC DX PROC NEC	537	ABD REPAIR-DIAPHR HERNIA
5021	MARSUPIALIZAT LIVER LES	5380	THOR REP-DIAPH HERN NOS
5022	PARTIAL HEPATECTOMY	5381	DIAPHRAGMATIC PPLICATION
5029	DESTRUC HEPATIC LES NEC	5382	PARASTERN HERNIA REPAIR
503	HEPATIC LOBECTOMY	539	OTHER HERNIA REPAIR
504	TOTAL HEPATECTOMY	540	ABDOMINAL WALL INCISION
5051	AUXILIARY LIVER TRANSPL	5411	EXPLORATORY LAPAROTOMY
5059	LIVER TRANSPLANT NEC	5412	REOPEN RECENT LAP SITE
5061	CLOSURE LIVER LACERAT	5419	LAPAROTOMY NEC
5069	LIVER REPAIR NEC	5423	PERITONEAL BIOPSY
5102	TROCAR CHOLECYSTOSTOMY	5429	ABD REGION DX PROC NEC
5103	CHOLECYSTOSTOMY NEC	545	PERITONEAL ADHESIOLYSIS
5104	CHOLECYSTOTOMY NEC	5461	RECLOSE POST OP DISRUPT
5113	OPEN BILIARY TRACT BX	5462	DELAYED CLOS ABD WOUND

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5463	ABD WALL SUTURE NEC	576	PARTIAL CYSTECTOMY
5471	REPAIR OF GASTROSCHISIS	5771	RADICAL CYSTECTOMY
5472	ABDOMEN WALL REPAIR NEC	5779	TOTAL CYSTECTOMY NEC
5473	PERITONEAL REPAIR NEC	5781	SUTURE BLADDER LACERAT
5474	OMENTAL REPAIR NEC	5783	ENTEROVESICO FIST REPAIR
5475	MESENTERIC REPAIR NEC	5784	VESIC FISTULA REPAIR NEC
5492	REMOVE FB FROM PERITON	5785	CYSTOURETHROPLASTY
5493	CREATE CUTANPERITON FIST	5786	BLADDER EXSTROPHY REPAIR
5494	CREAT PERITONEOVAS SHUNT	5787	BLADDER RECONSTRUCTION
5495	PERITONEAL INCISION	5788	BLADDER ANASTOMOSIS NEC
5501	NEPHROTOMY	5789	BLADDER REPAIR NEC
5502	NEPHROSTOMY	5793	CONTROL BLADD HEMORRHAGE
5503	PERCU NEPHROSTM W/O FRAG	5796	IMPLANT BLADDER STIMULAT
5504	PERCU NEPHROSTM W FRAG	5799	BLADDER OPERATION NEC
5511	PYELOTOMY	5841	SUTURE URETHRAL LACERAT
5524	OPEN RENAL BIOPSY	5842	URETHROSTOMY CLOSURE
5529	RENAL DIAGNOST PROC NEC	5843	CLOSE URETH FISTULA NEC
5531	RENAL LES MARSUPIALIZAT	5844	URETHRAL REANASTOMOSIS
5539	LOC DESTR RENAL LES NEC	5845	HYPO-EPISPADIUS REPAIR
554	PARTIAL NEPHRECTOMY	5846	URETH RECONSTRUCTION NEC
5551	NEPHROURETERECTOMY	5847	URETHRAL MEATOPLASTY
5552	SOLITARY KIDNEY NEPHRECT	5849	URETHRAL REPAIR NEC
5553	REJECTED KIDNEY NEPHRECT	5891	PERIURETHRAL INCISION
5554	BILATERAL NEPHRECTOMY	5892	PERIURETHRAL EXCISION
5561	RENAL AUTOTRANSPLANT	5893	IMPLT ARTF URIN SPHINCT
5569	KIDNEY TRANSPLANT NEC	5900	RETROPERIT DISSECT NOS
557	NEPHROPEXY	5901	URETEROLYS FOR FIBROSIS
5581	SUTURE KIDNEY LACERATION	5902	PERIREN ADHESIOLYS NEC
5582	CLOSE NEPHROST & PYELOST	5909	PERIREN/URETER INCIS NEC
5583	CLOSE RENAL FISTULA NEC	5911	PERIVESICAL ADHESIOLYSIS
5584	REDUCE RENAL PEDICL TORS	5919	PERIVESICAL INCISION NEC
5585	SYMPHYSIOTOMY	5921	PERIREN/URETERAL BIOPSY
5586	RENAL ANASTOMOSIS	5929	PERIREN/URET DX PROC NEC
5587	CORRECT URETEROPELV JUNC	593	URETHROVES JUNCT PPLICAT
5589	RENAL REPAIR NEC	594	SUPRAPUBIC SLING OP
5591	RENAL DECAPSULATION	595	RETROPUBIC URETH SUSPENS
5597	IMPLANT MECHANIC KIDNEY	596	PARAURETHRAL SUSPENSION
5598	REMOV MECHANICAL KIDNEY	5971	LEVATOR MUSC SUSPENSION
5599	RENAL OPERATION NEC	5991	PERIREN/VESICLE EXCISION
5634	OPEN URETERAL BIOPSY	5992	PERIREN/VESICLE OP NEC
5640	URETERECTOMY NOS	6014	OPEN SEMINAL VESICLES BX
5641	PARTIAL URETERECTOMY	6019	SEMIN VES DX PROCED NEC
5642	TOTAL URETERECTOMY	603	SUPRAPUBIC PROSTATECTOMY
5651	FORM CUTAN ILEOURETEROST	604	RETROPUBIC PROSTATECTOMY
5661	FORM CUTAN URETEROSTOMY	605	RADICAL PROSTATECTOMY
5662	REVIS CUTAN URETEROS NEC	6062	PERINEAL PROSTATECTOMY
5671	URIN DIVERSION TO BOWEL	6072	SEMINAL VESICLE INCISION
5672	REVIS URETEROENTEROSTOMY	6073	SEMINAL VESICLE EXCISION
5673	NEPHROCYSTANASTOMOSI NOS	6079	SEMINAL VESICLE OP NEC
5674	URETERONEOCYSTOSTOMY	6081	PERIPROSTATIC INCISION
5675	TRANSURETEROURETEROSTOMY	6082	PERIPROSTATIC EXCISION
5679	URETERAL ANASTOMOSIS NEC	6142	SCROTAL FISTULA REPAIR
5681	INTRALUM URETE ADHESIOLY	6149	SCROTUM/TUNIC REPAIR NEC
5682	SUTURE URETERAL LACERAT	6192	EXCISION TUNICA LES NEC
5683	URETEROSTOMY CLOSURE	6199	SCROTUM & TUNICA OP NEC
5684	CLOSE URETER FISTULA NEC	620	INCISION OF TESTES
5685	URETEROPEXY	6212	OPEN TESTICULAR BIOPSY
5686	REMOVE URETERAL LIGATURE	6219	TESTES DX PROCEDURE NEC
5689	REPAIR OF URETER NEC	622	TESTICULAR LES DESTRUCT
5692	IMPLANT URETERAL STIMUL	623	UNILATERAL ORCHIECTOMY
5693	REPLACE URETERAL STIMUL	6241	REMOVE BOTH TESTES
5694	REMOVE URETERAL STIMULAT	6242	REMOVE SOLITARY TESTIS
5695	LIGATION OF URETER	625	ORCHIOPEXY
5699	URETERAL OPERATION NEC	6261	SUTURE TESTICULAR LACER
5712	CYSTOTOMY & ADHESIOLYSIS	6269	TESTICULAR REPAIR NEC
5718	OTHER SUPRAPU CYSTOSTOMY	627	INSERT TESTICULAR PROSTH
5719	CYSTOTOMY NEC	6299	TESTICULAR OPERATION NEC
5721	VESICOSTOMY	634	EPIDIDYMECTOMY
5734	OPEN BLADDER BIOPSY	6351	SUTURE CORD & EPID LACER
5741	TU ADHESIOLYSIS BLADDER	6353	TRANSPLANT SPERMAT CORD
5751	EXCISION OF URACHUS	6359	CORD & EPIDID REPAIR NEC

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6381	SUTURE VAS & EPIDID LAC	680	HYSTEROTOMY
6382	POSTOP VAS RECONSTRUCT	6813	OPEN UTERINE BIOPSY
6383	EPIDIDYMOVASOSTOMY	6814	OPEN UTERINE LIGAMENT BX
6385	REMOV VAS DEFERENS VALVE	6819	UTERUS/ADNEX DX PROC NEC
6389	VAS & EPIDIDY REPAIR NEC	6821	ENDOMET SYNECHIAE DIVIS
6392	EPIDIDYMOTOMY	6822	INCISION UTERINE SEPTUM
6393	SPERMATIC CORD INCISION	683	SUBTOT ABD HYSTERECTOMY
6394	SPERM CORD ADHESIOLYSIS	684	TOTAL ABD HYSTERECTOMY
6395	INSERT VALVE IN VAS DEF	686	RADICAL ABD HYSTERECTOMY
6399	CORD/EPID/VAS OPS NEC	687	RADICAL VAG HYSTERECTOMY
643	AMPUTATION OF PENIS	688	PELVIC EVISCERATION
6441	SUTURE PENILE LACERATION	689	HYSTERECTOMY NEC NOS
6442	RELEASE OF CHORDEE	6902	D & C POST DELIVERY
6443	CONSTRUCTION OF PENIS	6919	DESTRUC UTER SUPPORT NEC
6444	RECONSTRUCTION OF PENIS	6921	INTERPOSIT OP UTERIN LIG
6445	REPLANTATION OF PENIS	6922	UTERINE SUSPENSION NEC
6449	PENILE REPAIR NEC	6923	VAG REPAIR INVERS UTERUS
645	SEX TRANSFORMAT OP NEC	6929	UTERUS/ADNEXA REPAIR NEC
6492	INCISION OF PENIS	693	PARACERV UTERINE DENERV
6493	DIVISION OF PENILE ADHES	6941	SUTURE UTERINE LACERAT
650	OOPHOROTOMY	6942	CLOSURE UTERINE FISTULA
6511	OVARIAN ASPIRAT BIOPSY	6949	UTERINE REPAIR NEC
6512	OVARIAN BIOPSY NEC	6997	REMOVE PENETRAT CERV FB
6519	OVARIAN DX PROCEDURE NEC	6998	UTERINE SUPPORT OP NEC
6521	OVARIAN CYST MARSUPIALIZ	6999	UTERINE OPERATION NEC
6522	OVARIAN WEDGE RESECTION	7012	CULDOTOMY
6529	LOCAL DESTR OVA LES NEC	7013	INTRALUM VAG ADHESIOLYS
653	UNILATERAL OOPHORECTOMY	704	VAGINAL OBLITERATION
654	UNILAT SALPINGO-OOPHOREC	7051	CYSTOCELE REPAIR
6551	REMOVE BOTH OVARIES	7052	RECTOCELE REPAIR
6552	REMOVE SOLITARY OVARY	7061	VAGINAL CONSTRUCTION
6562	REMOVE SOLITARY TUBE/OVA	7062	VAGINAL RECONSTRUCTION
6571	SIMPLE SUTURE OF OVARY	7071	SUTURE VAGINA LACERATION
6572	OVARIAN REIMPLANTATION	7072	REPAIR COLOVAGIN FISTULA
6573	SALPINGO-OOPHOROPLASTY	7073	REPAIR RECTOVAG FISTULA
6579	REPAIR OF OVARY NEC	7074	REP VAGINOENT FISTUL NEC
658	TUBO-OVARIAN ADHESIOLYS	7075	REPAIR VAG FISTULA NEC
6591	ASPIRATION OF OVARY	7077	VAGINAL SUSPENS & FIXAT
6592	TRANSPLANTATION OF OVARY	7079	VAGINAL REPAIR NEC
6593	MANUAL RUPT OVARIAN CYST	708	VAGINAL VAULT OBLITERAT
6594	OVARIAN DENERVATION	7091	VAGINAL OPERATION NEC
6595	OVARIAN TORSION RELEASE	7092	CUL-DE-SAC OPERATION NEC
6599	OVARIAN OPERATION NEC	7101	VULVAR ADHESIOLYSIS
660	SALPINGOTOMY	7122	INCISE BARTHOLIN'S GLAND
6601	SALPINGOTOMY	7124	DESTRUC BARTHOLIN GLAND
6602	SALPINGOSTOMY	7129	BARTHOLIN'S GLAND OP NEC
6611	FALLOPIAN TUBE BIOPSY	715	RADICAL VULVECTOMY
6619	FALLOP TUBE DX PROC NEC	7161	UNILATERAL VULVECTOMY
664	TOTAL UNILAT SALPINGECT	7162	BILATERAL VULVECTOMY
6651	REMOVE BOTH FALLOP TUBES	7172	REPAIR VULVAR FISTULA
6652	REMOVE SOLITARY FAL TUBE	718	OTHER VULVAR OPERATIONS
6661	DESTROY FALLOP TUBE LES	719	OTHER FEMALE GENITAL OPS
6662	REMOV TUBE & ECTOP PREG	7394	PUBIOTOMY TO ASSIST DEL
6663	BILAT PART SALPINGEC NOS	7399	OPS ASSISTING DELIV NEC
6669	PARTIAL SALPINGECTOM NEC	740	CLASSICAL C-SECTION
6671	SIMPL SUTURE FALLOP TUBE	741	LOW CERVICAL C-SECTION
6672	SALPINGO-OOPHOROSTOMY	742	EXTRAPERITONEAL C-SECT
6673	SALPINGO-SALPINGOSTOMY	743	REMOV INTRAPERIT FETUS
6674	SALPINGO-UTEROSTOMY	744	CESAREAN SECTION NEC
6679	FALLOP TUBE REPAIR NEC	7491	HYSTEROTOMY TO TERMIN PG
6693	IMPL FALLOP TUBE PROSTH	7499	CESAREAN SECTION NOS
6694	REMOV FALLOP TUBE PROSTH	7536	CORRECTION FETAL DEFECT
6695	BLOW THERAPEUT INTO TUBE	7550	REPAIR OB LAC UTERUS NOS
6696	FALLOPIAN TUBE DILATION	7551	REPAIR OB LACERAT CERVIX
6697	BURY FIMBRIAE IN UTERUS	7552	REPAIR OB LAC CORP UTERI
6699	FALLOPIAN TUBE OP NEC	7561	REPAIR OB LAC BLAD/URETH
674	AMPUTATION OF CERVIX	7593	SURG CORR INVERT UTERUS
675	INT CERVICAL OS REPAIR	7599	OBSTETRIC OPERATION NEC
6761	SUTURE CERVICAL LACERAT	7601	FACIAL BONE SEQUESTRECT
6762	CERVICAL FISTULA REPAIR	7609	FACIAL BONE INCISION NEC
6769	CERVICAL REPAIR NEC	7619	FACIAL BONE DX PROC NEC

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7631	PARTIAL MANDIBULECTOMY	7745	FEMORAL BIOPSY
7639	PART FACIAL OSTECTOM NEC	7746	PATELLAR BIOPSY
7641	TOT MANDIBULEC W RECONST	7747	TIBIA & FIBULA BIOPSY
7642	TOTAL MANDIBULECTOMY NEC	7748	METATARSAL/TARSAL BIOPSY
7643	MANDIBULAR RECONST NEC	7749	BONE BIOPSY NEC
7644	TOT FACE OSTECT W RECONS	7756	REPAIR OF HAMMER TOE
7645	TOT FACE BONE OSTECT NEC	7757	REPAIR OF CLAW TOE
7646	FACIAL BONE RECONSTR NEC	7760	LOC EXC BONE LESION NOS
765	TEMPOROMAND ARTHROPLASTY	7761	EXC CHEST CAGE BONE LES
7661	CL OSTEOPLASTY MAND RAMI	7762	LOC EXC BONE LES HUMERUS
7662	OPEN OSTEOPLAS MAND RAMI	7763	LOC EXC LES RADIUS/ULNA
7663	OSTEOPLASTY MANDIBLE BDY	7764	LOC EXC LES METACAR/CAR
7664	MAND ORTHOGNATHIC OP NEC	7765	LOC EXC BONE LES FEMUR
7665	SEG OSTEOPLASTY MAXILLA	7767	LOC EXC LES TIBIA/FIBULA
7666	TOT OSTEOPLASTY MAXILLA	7770	EXCISE BONE FOR GRFT NOS
7667	REDUCTION GENIOPLASTY	7771	EX CHEST CAGE BONE-GFT
7668	AUGMENTATION GENIOPLASTY	7772	EXCISE HUMERUS FOR GRAFT
7669	FACIAL BONE REPAIR NEC	7773	EXCIS RADIUS/ULNA-GRAFT
7670	REDUCTION FACIAL FX NOS	7774	EXCIS METACAR/CAR-GRAFT
7672	OPN REDUCT MALAR/ZYGO FX	7775	EXCISE FEMUR FOR GRAFT
7674	OPEN REDUCT MAXILLARY FX	7776	EXCISE PATELLA FOR GRAFT
7676	OPEN REDUCT MANDIBLE FX	7777	EXCISE TIB/FIB FOR GRAFT
7677	OPEN REDUCT ALVEOLAR FX	7778	EXCIS METATAR/TAR-GRAFT
7679	OPEN REDUCT FACE FX NEC	7779	EXCISE BONE FOR GFT NEC
7691	BONE GRAFT TO FACE BONE	7780	OTH PART OSTECTOMY NOS
7692	SYN IMPLANT TO FACE BONE	7781	OTH CHEST CAGE OSTECTOMY
7694	OPEN REDUCT TM DISLOCAT	7782	PARTIAL HUMERECTOMY NEC
7697	REMOVE INT FIX FACE BONE	7783	PART OSTECT-RADIUS/ULNA
7699	FACIAL BONE/JNT OP NEC	7784	PART OSTECT-METACAR/CAR
7700	SEQUESTRECTOMY NOS	7785	PART OSTECTOMY-FEMUR
7701	CHEST CAGE SEQUESTREC	7786	PARTIAL PATELLECTOMY
7702	HUMERUS SEQUESTRECTOMY	7787	PART OSTECT-TIBIA/FIBULA
7703	RADIUS & ULNA SEQUESTREC	7789	PARTIAL OSTECTOMY NEC
7704	METACARP/CARP SEQUESTREC	7790	TOTAL OSTECTOMY NOS
7705	FEMORAL SEQUESTRECTOMY	7791	TOT CHEST CAGE OSTECTOMY
7706	PATELLAR SEQUESTRECTOMY	7792	TOTAL OSTECTOMY-HUMERUS
7707	TIBIA/FIBULA SEQUESTREC	7793	TOT OSTECT-RADIUS/ULNA
7708	METATAR/TAR SEQUESTREC	7794	TOT OSTECT-METACARP/CARP
7709	SEQUESTRECTOMY NEC	7795	TOT OSTECTOMY-FEMUR
7710	OTHER BONE INCISION NOS	7796	TOTAL PATELLECTOMY
7711	OTHER CHEST CAGE INCIS	7797	TOT OSTECT-TIBIA/FIBULA
7712	OTHER HUMERUS INCISION	7798	TOT OSTECT-METATARS/TARS
7713	OTHER RADIUS/ULNA INCIS	7799	TOTAL OSTECTOMY NEC
7714	OTH METACARP/CARP INCIS	7800	BONE GRAFT NOS
7715	OTHER FEMORAL INCISION	7801	BONE GRAFT TO CHEST CAGE
7716	OTHER PATELLAR INCISION	7802	BONE GRAFT TO HUMERUS
7717	OTHER TIBIA/FIBULA INCIS	7804	BONE GRFT TO METACAR/CAR
7718	OTH METATARS/TARS INCIS	7805	BONE GRAFT TO FEMUR
7719	BONE INCIS W/O DIV NEC	7806	BONE GRAFT TO PATELLA
7720	WEDGE OSTEOATOMY NOS	7807	BONE GRAFT-TIBIA/FIBULA
7721	CHEST CAGE WEDG OSTEOATOM	7808	BONE GRAFT-METATAR/TAR
7722	HUMERUS WEDGE OSTEOATOMY	7809	BONE GRAFT NEC
7723	RADIUS/ULNA WEDG OSTEOATOM	7810	PERIOSTEAL SUTURE NOS
7724	METACAR/CAR WEDG OSTEOATOM	7811	PERIOST SUT-CHEST CAGE
7725	FEMORAL WEDGE OSTEOATOMY	7812	PERIOSTEAL SUT-HUMERUS
7726	PATELLAR WEDGE OSTEOATOMY	7813	PERIOST SUT-RADIUS/ULNA
7727	TIBIA/FIBUL WEDG OSTEOATOM	7814	PERIOST SUT-METACAR/CAR
7728	METATAR/TAR WEDG OSTEOATOM	7815	PERIOSTEAL SUTURE-FEMUR
7729	WEDGE OSTEOATOMY NEC	7816	PERIOSTEAL SUTUR-PATELLA
7730	OTHER BONE DIVISION NOS	7817	PERIOST SUT-TIBIA/FIBULA
7731	CHEST CAGE BONE DIV NEC	7818	PERIOST SUT-METATAR/TAR
7732	HUMERUS DIVISION NEC	7819	PERIOSTEAL SUTURE NEC
7733	RADIUS/ULNA DIVISION NEC	7820	EPIPHYSEAL STAPLING NOS
7734	METACAR/CAR DIVISION NEC	7822	EPIPHYS STAPLE-HUMERUS
7735	FEMORAL DIVISION NEC	7823	EPIPHYS STAPLE-RAD/ULNA
7736	PATELLAR DIVISION NEC	7824	LIMB SHORTEN-METACAR/CAR
7737	TIBIA/FIBULA DIV NEC	7825	EPIPHYSEAL STAPLE-FEMUR
7739	BONE DIVISION NEC	7827	EPIPHYS STAPLE-TIB/FIBUL
7742	HUMERUS BIOPSY	7828	LIMB SHORTEN-METATAR/TAR
7743	RADIUS & ULNA BIOPSY	7829	EPIPHYSEAL STAPLING NEC
7744	METACARPAL/CARPAL BIOPSY	7830	OTH BONE LNGTH CHNGE NOS

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7832	HUMERUS LENGTH CHANGE	7919	CL FX REDUC-INT FIX NEC
7833	RADIUS/ULNA LENGTH CHNGE	7920	OPEN FX REDUCTION NOS
7834	CARPAL LENGTH CHANGE	7921	OPEN REDUC-HUMERUS FX
7835	FEMUR LENGTH CHANGE	7922	OPEN REDUC-RADIUS/ULN FX
7837	TIBIA/FIBULA LNGTH CHNGE	7923	OPEN REDUC-METAC/CAR FX
7838	TARSAL LENGTH CHANGE	7924	OPEN REDUCTION-FINGER FX
7839	OTH BONE LNGTH CHNGE NEC	7925	OPEN REDUCTION-FEMUR FX
7840	OTH BONE REPAIR/PLAST OP	7926	OPEN REDUC-TIBIA/FIB FX
7841	OTH CHEST CAGE REP/PLAST	7927	OPEN REDUC-METAT/TARS FX
7842	OTH HUMERUS REPAIR/PLAST	7928	OPEN REDUCTION-TOE FX
7843	OTH RAD/ULN REPAIR/PLAST	7929	OPEN FX REDUCTION NEC
7844	OTH METAC/CARP REP/PLAST	7930	OPN FX RED W INT FIX NOS
7845	OTH FEMUR REPAIR/PLASTIC	7931	OPEN RED-INT FIX HUMERUS
7846	OTH PATELLA REPAIR/PLAST	7932	OP RED-INT FIX RAD/ULNA
7847	OTH TIB/FIB REPAIR/PLAST	7933	OP RED-INT FIX METAC/CAR
7848	OTH META/TAR REPA/PLAST	7934	OPEN RED-INT FIX FINGER
7849	OTH BONE REPA/PLAST NEC	7935	OPEN REDUC-INT FIX FEMUR
7850	INT FIX W/O FX REDUC NOS	7936	OP RED-INT FIX TIB/FIBUL
7851	INT FIXATION-CHEST CAGE	7937	OP RED-INT FIX METAT/TAR
7852	INT FIXATION-HUMERUS	7938	OPEN REDUCT-INT FIX TOE
7853	INT FIXATION-RADIUS/ULNA	7939	OPN FX RED W INT FIX NEC
7854	INT FIXATION-METACAR/CAR	7940	CLS REDUC-SEP EPIPHY NOS
7855	INTERNAL FIXATION-FEMUR	7941	CLOSE RED-HUMERUS EPIPHY
7856	INTERNAL FIX-PATELLA	7942	CLS RED-RADIUS/UL EPIPHY
7857	INT FIXATION-TIBIA/FIBUL	7945	CLOSE REDUC-FEMUR EPIPHY
7858	INT FIXATION-METATAR/TAR	7946	CLS RED-TIBIA/FIB EPIPHY
7859	INT FIX-NO FX REDUCT NEC	7949	CLS REDUC-SEP EPIPHY NEC
7860	REMOVE IMP DEVICE NOS	7950	OPEN RED-SEP EPIPHY NOS
7861	REMOV IMP DEV-CHEST CAGE	7951	OPN RED-SEP EPIPHY-HUMER
7863	REMOV IMP DEV-RADIUS/ULN	7952	OP RED-RADIUS/ULN EPIPHY
7864	REMOV IMP DEV-METAC/CARP	7955	OPN RED-SEP EPIPHY-FEMUR
7865	REMOVE IMP DEVICE-FEMUR	7956	OP RED-TIBIA/FIB EPIPHYS
7868	REMOVE IMP DEV-METAT/TAR	7959	OPEN RED-SEP EPIPHY NEC
7870	OSTEOCLASIS NOS	7960	OPEN FX SITE DEBRIDE NOS
7871	OSTEOCLASIS-CHEST CAGE	7961	DEBRID OPEN FX-HUMERUS
7872	OSTEOCLASIS-HUMERUS	7962	DEBRID OPN FX-RADIUS/ULN
7873	OSTEOCLASIS-RADIUS/ULNA	7963	DEBRID OPN FX-METAC/CAR
7874	OSTEOCLASIS-METACAR/CAR	7964	DEBRID OPN FX-FINGER
7875	OSTEOCLASIS-FEMUR	7965	DEBRID OPN FX-FEMUR
7876	OSTEOCLASIS-PATELLA	7966	DEBRID OPN FX-TIBIA/FIB
7877	OSTEOCLASIS-TIBIA/FIBULA	7967	DEBRID OPN FX-METAT/TAR
7878	OSTEOCLASIS-METATAR/TAR	7968	DEBRID OPN FX-TOE
7879	OSTEOCLASIS NEC	7969	OPEN FX SITE DEBRIDE NEC
7880	OTHER BONE DX PROC NOS	7980	OPEN REDUC-DISLOCAT NOS
7881	OTH DX PROCED-CHEST CAGE	7981	OPN REDUC DISLOC-SHOULDR
7882	OTH DX PROCED-HUMERUS	7982	OPEN REDUC-ELBOW DISLOC
7883	OTH DX PROC-RADIUS/ULNA	7983	OPEN REDUC-WRIST DISLOC
7884	OTH DX PROC-METACAR/CAR	7984	OPN REDUC DISLOC-HAND
7885	OTH DX PROCED-FEMUR	7985	OPEN REDUC-HIP DISLOCAT
7886	OTH DX PROCED-PATELLA	7986	OPEN REDUC-KNEE DISLOCAT
7887	OTH DX PROC-TIBIA/FIBULA	7987	OPEN REDUC-ANKLE DISLOC
7888	OTH DX PROC-METATAR/TAR	7988	OPN REDUC DISLOC-FT/TOE
7889	OTHER BONE DX PROC NEC	7989	OPEN REDUC-DISLOCAT NEC
7890	INSERT BONE STIMUL NOS	7990	UNSPEC OP BONE INJ NOS
7891	INSERT BONE STIMUL-CHEST	7991	HUMERUS INJURY OP NOS
7892	INSERT BONE STIM-HUMERUS	7992	RADIUS/ULNA INJ OP NOS
7893	INSER BONE STIM-RAD/ULNA	7993	METACARP/CARP INJ OP NOS
7894	INSER BONE STIM-META/CAR	7994	FINGER INJURY OP NOS
7895	INSERT BONE STIM-FEMUR	7995	FEMUR INJURY OP NOS
7896	INSERT BONE STIM-PATELLA	7996	TIBIA/FIBULA INJ OP NOS
7897	INSER BONE STIM-TIB/FIB	7997	METATARS/TARS INJ OP NOS
7898	INSER BONE STIM-META/TAR	7998	TOE INJURY OPERATION NOS
7899	INSERT BONE STIMUL NEC	7999	UNSPEC OP-BONE INJ NEC
7910	CL FX REDUC-INT FIX NOS	8000	ARTHROT & PROS REMOV NOS
7911	CLOS RED-INT FIX HUMERUS	8001	ARTHROT/PROS REMOV-SHLDR
7913	CL RED-INT FIX METAC/CAR	8002	ARTHROT/PROS REMOV-ELBOW
7914	CLOSE RED-INT FIX FINGER	8003	ARTHROT/PROS REMOV-WRIST
7915	CLOSED RED-INT FIX FEMUR	8004	ARTHROT/PROS REMOV-HAND
7916	CL RED-INT FIX TIB/FIBU	8005	ARTHROT/PROS REMOV-HIP
7917	CL RED-INT FIX METAT/TAR	8006	ARTHROT/PROS REMOV-KNEE
7918	CLOSE RED-INT FIX TOE FX	8007	ARTHROT/PROS REMOV-ANKLE

ICD-9-CM Procedure Codes for Major Surgery DRGs

8008	ARTHROT/PROS REMOV-FOOT	8114	MIDTARSAL FUSION
8009	ARTHROT & PROS REMOV NEC	8115	TARSOMETATARSAL FUSION
8010	OTHER ARTHROTOMY NOS	8116	METATARSOPHALANGEAL FUS
8011	OTH ARTHROTOMY-SHOULDER	8117	OTHER FUSION OF FOOT
8012	OTH ARTHROTOMY-ELBOW	8120	ARTHRODESIS NOS
8013	OTH ARTHROTOMY-WRIST	8121	ARTHRODESIS OF HIP
8014	OTH ARTHROTOMY-HAND/FNGR	8122	ARTHRODESIS OF KNEE
8015	OTH ARTHROTOMY-HIP	8123	ARTHRODESIS OF SHOULDER
8016	OTH ARTHROTOMY-KNEE	8124	ARTHRODESIS OF ELBOW
8017	OTH ARTHROTOMY-ANKLE	8125	CARPORADIAL FUSION
8019	OTHER ARTHROTOMY NEC	8126	METACARPOCARPAL FUSION
8020	ARTHROSCOPY NOS	8127	METACARPOPHALANGEAL FUS
8021	SHOULDER ARTHROSCOPY	8128	INTERPHALANGEAL FUSION
8022	ELBOW ARTHROSCOPY	8129	ARTHRODESIS NEC
8023	WRIST ARTHROSCOPY	8140	REPAIR OF HIP, NEC
8024	HAND & FINGER ARTHROSCOP	8142	FIVE-IN-ONE KNEE REPAIR
8025	HIP ARTHROSCOPY	8143	TRIAD KNEE REPAIR
8027	ANKLE ARTHROSCOPY	8144	PATELLAR STABILIZATION
8028	FOOT & TOE ARTHROSCOPY	8145	CRUCIATE LIG REPAIR NEC
8029	ARTHROSCOPY NEC	8146	COLLATERL LIG REPAIR NEC
8040	JT STRUCTUR DIVISION NOS	8147	OTHER REPAIR OF KNEE
8041	SHOULDER STRUCT DIVISION	8149	OTHER REPAIR OF ANKLE
8042	ELBOW STRUCTURE DIVISION	8151	TOTAL HIP REPLACEMENT
8043	WRIST STRUCTURE DIVISION	8152	PARTIAL HIP REPLACEMENT
8044	HAND JOINT STRUCT DIVIS	8153	REVISE HIP REPLACEMENT
8045	HIP STRUCTURE DIVISION	8154	TOTAL KNEE REPLACEMENT
8047	ANKLE STRUCTURE DIVISION	8155	REVISE KNEE REPLACEMENT
8048	FOOT JOINT STRUCT DIVIS	8156	TOTAL ANKLE REPLACEMENT
8049	JT STRUCTUR DIVISION NEC	8159	REVISE JOINT REPL NEC
8050	EXC/DEST INTVRT DISC NOS	8171	ARTHROPLAS METACARP WIT
8051	EXCISION INTERVERT DISC	8172	ARTHROPLASTY METACAR W/O
8059	OTH EXC/DEST INTVRT DISC	8173	TOTAL WRIST REPLACEMENT
8070	SYNOVECTOMY-SITE NOS	8174	ARTHROPLASTY CARPAL WIT
8071	SHOULDER SYNOVECTOMY	8175	ARTHROPLASTY CARPAL W/O
8072	ELBOW SYNOVECTOMY	8179	OTH REPAIR HAN/FIN/WRIS
8073	WRIST SYNOVECTOMY	8180	TOTAL SHOULDER REPLACE
8074	HAND SYNOVECTOMY	8181	PARTIAL SHOULDER REPLACE
8075	HIP SYNOVECTOMY	8182	REP RECUR SHLDER DISLOC
8077	ANKLE SYNOVECTOMY	8184	TOTAL ELBOW REPLACEMENT
8078	FOOT SYNOVECTOMY	8185	ELBOW ARTHROPLASTY NEC
8079	SYNOVECTOMY-SITE NEC	8193	SUTUR CAPSUL/LIGAMEN ARM
8080	DESTRUCT JOINT LES NOS	8194	SUTURE CAPSUL/LIG ANK/FT
8081	DESTRUC-SHOULDER LES NEC	8195	SUTUR CAPSUL/LIG LEG NEC
8082	DESTRUC-ELBOW LESION NEC	8196	OTHER REPAIR OF JOINT
8083	DESTRUC-WRIST LESION NEC	8197	REVISE JOINT REPL UP EXT
8084	DESTRUC-HAND JT LES NEC	8198	OTHER JOINT DX PROCEDURE
8085	DESTRUCT-HIP LESION NEC	8199	JOINT STRUCTURE OP NEC
8087	DESTRUC-ANKLE LESION NEC	8202	MYOTOMY OF HAND
8089	DESTRUCT JOINT LES NEC	8203	BURSOTOMY OF HAND
8090	EXCISION OF JOINT NOS	8212	FASCIOTOMY OF HAND
8091	EXCISION OF SHOULDER NEC	8219	DIV SOFT TISSUE HAND NEC
8092	EXCISION OF ELBOW NEC	8222	EXCISION HAND MUSCLE LES
8093	EXCISION OF WRIST NEC	8231	BURSECTOMY OF HAND
8094	EXCISION HAND JOINT NEC	8232	EXCIS HAND TEND FOR GRFT
8095	EXCISION OF HIP NEC	8233	HAND TENONECTOMY NEC
8096	EXCISION OF KNEE NEC	8234	EXC HND MUS/FAS FOR GRFT
8097	EXCISION OF ANKLE NEC	8235	HAND FASCIECTOMY NEC
8099	EXCISION OF JOINT NEC	8236	OTHER MYECTOMY OF HAND
8100	SPINAL FUSION NOS	8239	HAND SOFT TISSUE EXC NEC
8101	ATLAS-AXIS FUSION	8242	DELAY SUT FLEX TEND HAND
8102	OTHER CERVICAL FUS ANT	8243	DELAY SUT HAND TEND NEC
8103	OTHER CERVICAL FUS POST	8244	SUTUR FLEX TEND HAND NEC
8104	DORSAL/DORSOLUM FUS ANT	8251	HAND TENDON ADVANCEMENT
8105	DORSAL/DORSOLUM FUS POST	8252	HAND TENDON RECESSION
8106	LUMBAR/LUMBOSAC FUS ANT	8253	HAND TENDON REATTACHMENT
8107	LUMBAR/LUMBOSAC FUS LAT	8254	HAND MUSCLE REATTACHMENT
8108	LUMBAR/LUMBOSAC FUS POST	8255	CHNG HND MUS/TEN LNG NEC
8109	REFUSION OF SPINE	8256	TRANSPLANT HAND TEND NEC
8111	ANKLE FUSION	8257	TRANSPOSIT HAND TEND NEC
8112	TRIPLE ARTHRODESIS	8258	TRANSPLANT HAND MUSC NEC
8113	SUBTALAR FUSION	8259	TRANSPOSIT HAND MUSC NEC

ICD-9-CM Procedure Codes for Major Surgery DRGs

8261	POLLICIZATION OPERATION	8418	DISARTICULATION OF HIP
8269	THUMB RECONSTRUCTION NEC	8419	HINDQUARTER AMPUTATION
8271	HAND TEND PULLEY RECONST	8421	THUMB REATTACHMENT
8272	PLAST OP HND-MUS/FAS GRF	8422	FINGER REATTACHMENT
8279	PLAST OP HAND W GRFT NEC	8423	FOREARM/WRIST/HAND REATT
8281	TRANSFER OF FINGER	8424	UPPER ARM REATTACHMENT
8282	REPAIR OF CLEFT HAND	8425	TOE REATTACHMENT
8283	REPAIR OF MACRODACTYLY	8426	FOOT REATTACHMENT
8284	REPAIR OF MALLET FINGER	8427	LOWER LEG/ANKLE REATTACH
8285	OTHER TENODESIS OF HAND	8428	THIGH REATTACHMENT
8286	OTHER TENOPLASTY OF HAND	8429	REATTACHMENT NEC
8289	HAND PLASTIC OP NEC	843	AMPUTATION STUMP REVIS
8291	LYSIS OF HAND ADHESIONS	8440	IMPLNT/FIT PROS LIMB NOS
8299	HAND MUS/TEN/FAS/OPS NEC	8444	IMPLANT ARM PROSTHESIS
8302	MYOTOMY	8448	IMPLANT LEG PROSTHESIS
8311	ACHILLOTENOTOMY	8491	AMPUTATION NOS
8312	ADDUCTOR TENOTOMY OF HIP	8492	SEPARAT EQUAL JOIN TWIN
8314	FASCIOTOMY	8493	SEPARAT UNEQUAL JOIN TWIN
8319	SOFT TISSUE DIVISION NEC	8499	MUSCULOSKELETAL OP NEC
8329	SOFT TISSUE DX PROC NEC	8522	QUADRANT RESECT BREAST
8331	EXCIS LES TENDON SHEATH	8524	EXC ECTOPIC BREAST TISSU
8332	EXCIS LESION OF MUSCLE	8525	EXCISION OF NIPPLE
8341	TENDON EXCISION FOR GRFT	8531	UNILAT REDUCT MAMMOPLAST
8342	OTHER TENONECTOMY	8532	BILAT REDUCT MAMMOPLASTY
8343	MUSC/FASC EXCIS FOR GRFT	8533	UNIL SUBQ MAMMECT-IMPLNT
8344	OTHER FASCIECTOMY	8534	UNILAT SUBQ MAMMECT NEC
8345	OTHER MYECTOMY	8535	BIL SUBQ MAMMECT-IMPLANT
8349	OTHER SOFT TISSUE EXCIS	8536	BILAT SUBQ MAMMECTOM NEC
835	BURSECTOMY	8541	UNILAT SIMPLE MASTECTOMY
8362	DELAYED TENDON SUTURE	8542	BILAT SIMPLE MASTECTOMY
8363	ROTATOR CUFF REPAIR	8543	UNILAT EXTEN SIMP MASTEC
8364	OTHER SUTURE OF TENDON	8544	BILAT EXTEND SIMP MASTEC
8365	OTHER MUSCLE/FASC SUTURE	8545	UNILAT RADICAL MASTECTOM
8371	TENDON ADVANCEMENT	8546	BILAT RADICAL MASTECTOMY
8372	TENDON RECESSION	8547	UNIL EXT RAD MASTECTOMY
8373	TENDON REATTACHMENT	8548	BIL EXTEN RAD MASTECTOMY
8374	MUSCLE REATTACHMENT	856	MASTOPEXY
8375	TENDON TRNSFR/TRANSPLANT	857	TOTAL BREAST RECONSTRUCT
8376	OTHER TENDON TRANSPOSIT	8582	BREAST SPLIT-THICK GRAFT
8377	MUSCLE TRNSFR/TRANSPLANT	8583	BREAST FULL-THICK GRAFT
8379	OTHER MUSCLE TRANSPOSIT	8584	BREAST PEDICLE GRAFT
8381	TENDON GRAFT	8585	BREAST MUSCLE FLAP GRAFT
8382	MUSCLE OR FASCIA GRAFT	8586	TRANSPOSITION OF NIPPLE
8383	TENDON PULLEY RECONSTRUC	8587	NIPPLE REPAIR NEC
8384	CLUBFOOT RELEASE NEC	8589	MAMMOPLASTY NEC
8385	MUSC/TEND LNG CHANGE NEC	8593	BREAST IMPLANT REVISION
8386	QUADRICEPSPLASTY	8594	BREAST IMPLANT REMOVAL
8387	OTHER PLASTIC OPS MUSCLE	8595	INSER BREAST TISSU EXPAN
8388	OTHER PLASTIC OPS TENDON	8596	REMOV BREAST TISSU EXPAN
8389	OTHER PLASTIC OPS FASCIA	8599	BREAST OPERATION NEC
8391	ADHESIOLYSIS MUS/TEN/FAS	8606	INSERT INFUSION PUMP
8392	INSERT SKEL MUSC STIMULA	8622	EXC WOUND DEBRIDEMENT
8393	REMOV SKEL MUSC STIMULAT	864	RADICAL EXCIS SKIN LES
8399	MUS/TEN/FAS/BUR OP NEC	8661	FULL-THICK HAND SKIN GRF
8400	UPPER LIMB AMPUTAT NOS	8662	HAND SKIN GRAFT NEC
8402	THUMB AMPUTATION	8663	FULL-THICK SKIN GRFT NEC
8403	AMPUTATION THROUGH HAND	8666	HOMOGRAFT TO SKIN
8404	DISARTICULATION OF WRIST	8669	FREE SKIN GRAFT NEC
8405	AMPUTATION THRU FOREARM	8670	PEDICLE GRAFT/FLAP NOS
8406	DISARTICULATION OF ELBOW	8671	CUT & PREP PEDICLE GRAFT
8407	AMPUTATION THRU HUMERUS	8672	PEDICLE GRAFT ADVANCEMEN
8408	SHOULDER DISARTICULATION	8673	ATTACH PEDICLE TO HAND
8409	FOREQUARTER AMPUTATION	8674	ATTACH PEDICLE GRAFT NEC
8410	LOWER LIMB AMPUTAT NOS	8675	REVISION OF PEDICLE GRFT
8411	TOE AMPUTATION	8681	REPAIR FACIAL WEAKNESS
8412	AMPUTATION THROUGH FOOT	8685	SYNDACTYLY CORRECTION
8413	DISARTICULATION OF ANKLE	8686	ONYCHOPLASTY
8414	AMPUTAT THROUGH MALLEOLI	8691	SKIN EXCISION FOR GRAFT
8415	BELOW KNEE AMPUTAT NEC	8693	INSERT TISSUE EXPANDER
8416	DISARTICULATION OF KNEE	9227	RADIOACTIVE ELEM IMPLANT
8417	ABOVE KNEE AMPUTATION		

ICD-9-CM Procedure Codes for Major Surgery DRGs

DRG 471 MDC 8,		2183	TOT NASAL RECONSTRUCTION
BILAT OR MULTIPLE MAJOR JOINT PROCS OF		2184	REVISION RHINOPLASTY
LOWER EXTREM		2185	AUGMENTATION RHINOPLASTY
8151	TOTAL HIP REPLACEMENT	2186	LIMITED RHINOPLASTY
8152	PARTIAL HIP REPLACEMENT	2187	RHINOPLASTY NEC
8153	REVISE HIP REPLACEMENT	2188	SEPTOPLASTY NEC
8154	TOTAL KNEE REPLACEMENT	2199	NASAL OPERATION NEC
8155	REVISE KNEE REPLACEMENT	2559	REPAIR OF TONGUE NEC
8156	TOTAL ANKLE REPLACEMENT	2749	EXCISION OF MOUTH NEC
DRG 472 MDC 22,		2753	CLOSURE OF MOUTH FISTULA
EXTENSIVE BURNS W O.R. PROC		2755	FULL-THICK GRFT TO MOUTH
0492	IMPLANT PERIPH STIMULAT	2756	SKIN GRAFT TO MOUTH NEC
0493	REMOVE PERIPH STIMULATOR	2757	PEDICLE ATTACH TO MOUTH
0820	REMOVE EYELID LESION NOS	2759	MOUTH REPAIR NEC
0822	EXCISE MINOR LES LID NEC	3169	OTHER LARYNGEAL REPAIR
0823	EXC MAJ LES LID PRT-THIC	3172	CLOSURE OF TRACHEOSTOMY
0824	EXC MAJ LES LID FUL-THIC	3174	REVISION OF TRACHEOSTOMY
0825	DESTRUCTION LID LESION	3175	TRACHEAL RECONSTRUCTION
0838	CORRECT LID RETRACTION	3179	OTHER TRACHEAL REPAIR
0841	THERMOCAUT/ENTROPION REP	3192	LYSIS TRACH/LARYNX ADHES
0843	WEDG RESEC ENTROPION REP	323	SEGMENTAL LUNG RESECTION
0849	ENTROPION/ECTROP REP NEC	324	LOBECTOMY OF LUNG
0851	CANTHOTOMY	325	COMPLETE PNEUMONECTOMY
0859	ADJUST LID POSITION NEC	329	OTHER EXCISION OF LUNG
0861	LID RECONST W SKIN GRAFT	3342	BRONCHIAL FISTULA CLOS
0862	LID RECONST W MUC GRAFT	3348	BRONCHIAL REPAIR NEC
0863	LID RECONST W HAIR GRAFT	3349	LUNG REPAIR NEC
0864	LID RECON-TARSOCONJ FLAP	3451	DECORTICATION OF LUNG
0869	LID RECONSTR W GRAFT NEC	3459	OTHER PLEURAL EXCISION
0870	LID RECONSTRUCTION NOS	3473	CLOS THORACIC FISTUL NEC
0871	LID MARG RECON-PART THIC	3479	OTHER CHEST WALL REPAIR
0872	LID RECONS-PART THIC NEC	3791	OPN CHEST CARDIAC MASSAG
0873	LID MARG RECONS FUL THIC	3927	DIALYSIS ARTERIOVENOSTOM
0874	LID RECONST-FUL THIC NEC	3942	REVIS REN DIALYSIS SHUNT
0882	LID MARG LAC RX-PART TH	4209	ESOPHAGEAL INCISION NEC
0884	LID MARG LAC RX-FUL THIC	4210	ESOPHAGOSTOMY NOS
0889	EYELID REPAIR NEC	4211	CERVICAL ESOPHAGOSTOMY
0899	EYELID OPERATION NEC	4212	ESOPH POUCH EXTERIORIZAT
0971	CORRECT EVERTED PUNCTUM	4219	EXT FISTULIZAT ESOPH NEC
1631	EYE EVISC W SYNCH IMPLAN	4221	ESOPHAGOSCOPY BY INCIS
1639	EYEBALL EVISCERATION NEC	4240	ESOPHAGECTOMY NOS
1641	EYE ENUC/IMPLAN/MUSC ATT	4241	PARTIAL ESOPHAGECTOMY
1642	EYE ENUC W IMPLANT NEC	4242	TOTAL ESOPHAGECTOMY
1649	EYEBALL ENUCLEATION NEC	4251	THORAC ESOPHAGUESOPHAGOS
1651	RADICAL ORBITOMAXILLECT	4252	THORAC ESOPHAGOGASTROST
1652	ORBIT EXENT W BONE REMOV	4253	THORAC SM BOWEL INTERPOS
1659	ORBITAL EXENTERATION NEC	4254	THORAC ESOPHAGOENTER NEC
1661	2NDRY OCULAR IMP INSERT	4255	THORAC LG BOWEL INTERPOS
1662	REVIS/REINSERT OCUL IMP	4256	THORAC ESOPHAGOCOLOS NEC
1663	REVIS ENUC SOCKET W GRFT	4258	THORAC INTERPOSITION NEC
1664	ENUC SOCKET REVIS NEC	4259	THORAC ESOPHAG ANAST NEC
1665	2NDRY EXENT CAVITY GRAFT	4261	STERN ESOPHAGUESOPHAGOST
1666	REVIS EXENTER CAVITY NEC	4262	STERN ESOPHAGOGASTROSTOM
1669	2ND OP POST EYE REM NEC	4263	STERN SM BOWEL INTERPOS
1671	REMOVE OCULAR IMPLANT	4264	STERN ESOPHAGOENTER NEC
1672	REMOVE ORBITAL IMPLANT	4265	STERN LG BOWEL INTERPOS
1681	REPAIR OF ORBITAL WOUND	4266	STERN ESOPHAGOCOLOS NEC
1682	REPAIR EYEBALL RUPTURE	4268	STERN INTERPOSITION NEC
1689	EYE/ORBIT INJ REPAIR NEC	4269	STERN ESOPHAG ANAST NEC
1692	EXCISION ORBITAL LESION	4283	ESOPHAGOSTOMY CLOSURE
1693	EXCISION EYE LESION NOS	4284	ESOPH FISTULA REPAIR NEC
1698	OPERATION ON ORBIT NEC	4285	ESOPHAG STRICTURE REPAIR
1699	OPERATION ON EYEBALL NEC	4286	PROD SUBQ TUNNEL NO ANAS
1839	EXCIS EXTERNAL EAR NEC	4287	ESOPHAGEAL GRAFT NEC
186	EXT AUDIT CANAL RECONSTR	4289	ESOPHAGEAL REPAIR NEC
1871	CONSTRUCTION EAR AURICLE	430	GASTROTOMY
1872	REATTACH AMPUTATED EAR	435	PROXIMAL GASTRECTOMY
1879	PLASTIC REP EXT EAR NEC	436	DISTAL GASTRECTOMY
189	OTHER EXT EAR OPERATIONS	437	PART GASTREC W JEJ ANAST
214	RESECTION OF NOSE	4381	PART GAST W JEJ TRANSPOS
		4389	PARTIAL GASTRECTOMY NEC

ICD-9-CM Procedure Codes for Major Surgery DRGs

4391 TOT GAST W INTES INTERPO
 4399 TOTAL GASTRECTOMY NEC
 4411 TRANSABDOMIN GASTROSCOPY
 445 REVISION GASTRIC ANASTOM
 4463 CLOSE GASTRIC FISTUL NEC
 4465 ESOPHAGOGASTROPLASTY
 4469 GASTRIC REPAIR NEC
 4499 GASTRIC OPERATION NEC
 5361 INCIS HERNIA REPAIR-GRFT
 540 ABDOMINAL WALL INCISION
 5411 EXPLORATORY LAPAROTOMY
 5412 REOPEN RECENT LAP SITE
 5419 LAPAROTOMY NEC
 5421 LAPAROSCOPY
 5461 RECLOSE POST OP DISRUPT
 5462 DELAYED CLOS ABD WOUND
 5463 ABD WALL SUTURE NEC
 623 UNILATERAL ORCHIECTOMY
 6241 REMOVE BOTH TESTES
 6242 REMOVE SOLITARY TESTIS
 6269 TESTICULAR REPAIR NEC
 6299 TESTICULAR OPERATION NEC
 643 AMPUTATION OF PENIS
 6443 CONSTRUCTION OF PENIS
 6444 RECONSTRUCTION OF PENIS
 6445 REPLANTATION OF PENIS
 6449 PENILE REPAIR NEC
 8400 UPPER LIMB AMPUTAT NOS
 8401 FINGER AMPUTATION
 8402 THUMB AMPUTATION
 8403 AMPUTATION THROUGH HAND
 8404 DISARTICULATION OF WRIST
 8405 AMPUTATION THRU FOREARM
 8406 DISARTICULATION OF ELBOW
 8407 AMPUTATION THRU HUMERUS
 8408 SHOULDER DISARTICULATION
 8409 FOREQUARTER AMPUTATION
 8410 LOWER LIMB AMPUTAT NOS
 8411 TOE AMPUTATION
 8412 AMPUTATION THROUGH FOOT
 8413 DISARTICULATION OF ANKLE
 8414 AMPUTAT THROUGH MALLEOLI
 8415 BELOW KNEE AMPUTAT NEC
 8416 DISARTICULATION OF KNEE
 8417 ABOVE KNEE AMPUTATION
 8418 DISARTICULATION OF HIP
 8419 HINDQUARTER AMPUTATION
 8421 THUMB REATTACHMENT
 8422 FINGER REATTACHMENT
 8423 FOREARM/WRIST/HAND REATT
 8424 UPPER ARM REATTACHMENT
 8425 TOE REATTACHMENT
 8426 FOOT REATTACHMENT
 8427 LOWER LEG/ANKLE REATTACH
 8428 THIGH REATTACHMENT
 8429 REATTACHMENT NEC
 843 AMPUTATION STUMP REVIS
 8440 IMPLNT/FIT PROS LIMB NOS
 8444 IMPLANT ARM PROSTHESIS
 8448 IMPLANT LEG PROSTHESIS
 8491 AMPUTATION NOS
 8582 BREAST SPLIT-THICK GRAFT
 8583 BREAST FULL-THICK GRAFT
 8584 BREAST PEDICLE GRAFT
 8606 INSERT INFUSION PUMP
 8622 EXC WOUND DEBRIDEMENT
 864 RADICAL EXCIS SKIN LES
 8660 FREE SKIN GRAFT NOS
 8661 FULL-THICK HAND SKIN GRF
 8662 HAND SKIN GRAFT NEC
 8663 FULL-THICK SKIN GRFT NEC

8665 HETEROGRAFT TO SKIN
 8666 HOMOGRAFT TO SKIN
 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
 8684 RELAXATION OF SCAR
 8689 SKIN REPAIR & PLASTY NEC
 8691 SKIN EXCISION FOR GRAFT
 8693 INSERT TISSUE EXPANDER

DRG 476 MDC , PROSTATIC O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS

600 INCISION OF PROSTATE
 6012 OPEN PROSTATIC BIOPSY
 6015 PERIPROSTATIC BIOPSY
 6018 PROSTATIC DX PROCED NEC
 602 TRANSURETHRAL PROSTATECT
 6021 TRANSURETH PROSTATECTOMY%
 6029 OTH TRANSURETH PROSTATEC%
 6061 LOS EXCIS PROSTATIC LES
 6069 PROSTATECTOMY NEC
 6082 EXCIS PERIPROS TISS&
 6093 REPAIR OF PROSTATE
 6094 CONTROL POSTOP PROST HEM
 6095 TRANS BAL DIL PROS URETH
 6099 PROSTATIC OPERATION NEC

DRG 480 MDC , LIVER TRANSPLANT

5051 AUXILIARY LIVER TRANSPL
 5059 LIVER TRANSPLANT NEC

DRG 481 MDC , BONE MARROW TRANSPLANT

4100 BONE MARROW TRNSPLNT NOS
 4101 AUT BONE MARROW TRNSPLNT
 4102 ALO BONE MARROW TRNSPLNT
 4103 ALLOGRFT BONE MARROW NOS
 4104 AUT HEM STEM CELL TRANS#
 4105 ALLO HEM STEM CELL TRANS@
 4106 CORD BLD STEM CELL TRANS@

DRG 482 MDC , TRACHEOSTOMY W MOUTH, LARYNX OR PHARYNX DISORDER

303 COMPLETE LARYNGECTOMY
 304 RADICAL LARYNGECTOMY

DRG 483 MDC , TRACHEOSTOMY, NOT MOUTH, LARYNX OR PHARYNX DX

311 TEMPORARY TRACHEOSTOMY
 3121 MEDIASTINAL TRACHEOSTOMY
 3129 OTHER PERM TRACHEOSTOMY

DRG 484 MDC 24, CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA

0121 CRANIAL SINUS I & D
 0123 REOPEN CRANIOTOMY SITE
 0124 OTHER CRANIOTOMY
 0125 OTHER CRANIECTOMY
 0131 INCISE CEREBRAL MENINGES
 0132 LOBOTOMY & TRACTOTOMY
 0139 OTHER BRAIN INCISION
 0141 THALAMUS OPERATIONS

ICD-9-CM Procedure Codes for Major Surgery DRGs

0142	GLOBUS PALLIDUS OPS	0233	VENTRICLE SHUNT-THORAX
0151	EX CEREB MENINGEAL LES	0234	VENTRICLE SHUNT-ABDOMEN
0152	HEMISPHERECTOMY	0235	VENTRICLE SHUNT-UNINARY SYS
0153	BRAIN LOBECTOMY	0239	OTHER VENTRICULAR SHUNT
0159	OTHER BRAIN EXCISION	0242	REPLACE VENTRICLE SHUNT
016	EXCISE SKULL LESION	0243	REMOVE VENTRICLE SHUNT
0201	LINEAR CRANIECTOMY	0291	LYSIS CORTICAL ADHESION
0202	ELEVATE SKULL FX FRAGMENT	0293	IMPLANT BRAIN STIMULATOR
0203	SKULL FLAP FORMATION	0301	REMOVAL FB SPINAL CANAL
0204	BONE GRAFT TO SKULL	0302	REOPEN LAMINECTOMY SITE
0205	SKULL PLATE INSERTION	0309	SPINAL CANAL EXPLOR NEC
0206	CRANIAL OSTEOPLASTY NEC	031	INTRASPINE NERVE ROOT DIV
0211	SIMPLE SUTURE OF DURA	0321	PERCUTANEOUS CHORDOTOMY
0212	BRAIN MENINGE REPAIR NEC	0329	OTHER CHORDOTOMY
0213	MENINGE VESSEL LIGATION	0353	VERTEBRAL FX REPAIR
0214	CHOROID PLEXECTOMY	0359	SPINAL STRUCT REPAIR NEC
022	VENTRICULOSTOMY	036	SPINAL CORD ADHESIOLYSIS
0292	BRAIN REPAIR	0393	INSERT SPINAL STIMULATOR
0294	INSERT/REPLAC SKULL TONG	0394	REMOVE SPINAL STIMULATOR
0299	SKULL & BRAIN OP NEC	0397	REVISE SPINE THECA SHUNT
0441	DECOMPRESS TRIGEM ROOT	0398	REMOVE SPINE THECA SHUNT
3881	OCCLUS INTRACRAN VES NEC	0399	SPINE CANAL STRUC OP NEC
		0402	TRIGEMINAL NERV DIVISION
		0403	PERIPH NERVE DIV NEC
		0404	PERIPH NERVE INCIS NEC
		0405	GASSERIAN GANGLIONECTOMY
		0406	PERIPH GANGLIONECT NEC
		0407	PERIPH NERV EXCISION NEC
		0412	OPEN PERIPH NERVE BIOPSY
		0419	PERIPH NERVE DX PROC NEC
		043	PERIPHERAL NERVE SUTURE
		0442	CRAN NERV ROOT DECOM NEC
		0443	CARPAL TUNNEL RELEASE
		0444	TARSAL TUNNEL RELEASE
		0449	PER NERVE ADHESIOLYS NEC
		045	PERIPHERAL NERVE GRAFT
		046	PERIPH NERVE TRANSPOSIT
		0471	HYPOGLOSS-FACIAL ANASTOM
		0472	ACCESSORY-FACIAL ANASTOM
		0473	ACCESS-HYPOGLOSS ANASTOM
		0474	PERIPH NERV ANASTOM NEC
		0475	POSTOP REVIS PER NERV OP
		0476	LATE REPAIR PER NERV INJ
		0479	OTHER NEUROPLASTY
		0491	NEURECTASIS
		0492	IMPLANT PERIPH STIMULAT
		0493	REMOVE PERIPH STIMULATOR
		0499	PERIPHERAL NERVE OPS NEC
		059	OTHER NERVOUS SYSTEM OPS
		0602	REOPEN THYROID FIELD WND
		0609	INCIS THYROID FIELD NEC
		0692	THYROID VESSEL LIGATION
		0693	THYROID SUTURE
		0743	ADRENAL VESSEL LIGATION
		0744	ADRENAL REPAIR
		0745	ADRENAL REIMPLANTATION
		0749	ADRENAL OPERATION NEC
		0780	THYMECTOMY NOS
		0781	PART EXCISION OF THYMUS
		0782	TOTAL EXCISION OF THYMUS
		0791	THYMUS FIELD EXPLORATION
		0792	INCISION OF THYMUS
		0793	REPAIR OF THYMUS
		0811	EYELID BIOPSY
		0820	REMOVE EYELID LESION NOS
		0821	CHALAZION EXCISION
		0822	EXCISE MINOR LES LID NEC
		0823	EXC MAJ LES LID PRT-THIC
		0824	EXC MAJ LES LID FUL-THIC
		0825	DESTRUCTION LID LESION
		0831	PTOSIS REP-FRONT MUS SUT
DRG 485 MDC 24,			
LIMB REATTACH, HIP & FEMUR PROC FOR			
MULT SIGNIF TRAUMA			
7705	FEMORAL SEQUESTRECTOMY		
7725	FEMORAL WEDGE OSTECTOMY		
7735	FEMORAL DIVISION NEC		
7785	PART OSTECTOMY-FEMUR		
7795	TOT OSTECTOMY-FEMUR		
7805	BONE GRAFT TO FEMUR		
7815	PERIOSTEAL SUTURE-FEMUR		
7825	EPIPHYSEAL STAPLE-FEMUR		
7835	FEMUR LENGTH CHANGE		
7845	OTH FEMUR REPAIR/PLASTIC		
7855	INTERNAL FIXATION-FEMUR		
7875	OSTEOCLASIS-FEMUR		
7895	INSERT BONE STIM-FEMUR		
7915	CLOSED RED-INT FIX FEMUR		
7925	OPEN REDUCTION-FEMUR FX		
7935	OPEN REDUC-INT FIX FEMUR		
7945	CLOSE REDUC-FEMUR EPIPHY		
7955	OPN RED-SEP EPIPHY-FEMUR		
7965	DEBRID OPN FX-FEMUR		
7985	OPEN REDUC-HIP DISLOCAT		
7995	FEMUR INJURY OP NOS		
8005	ARTHROT/PROS REMOV-HIP		
8015	OTH ARTHROTOMY-HIP		
8045	HIP STRUCTURE DIVISION		
8095	EXCISION OF HIP NEC		
8121	ARTHRODESIS OF HIP		
8140	REPAIR OF HIP, NEC		
8151	TOTAL HIP REPLACEMENT		
8152	PARTIAL HIP REPLACEMENT		
8153	REVISE HIP REPLACEMENT		
8312	ADDUCTOR TENOTOMY OF HIP		
8423	FOREARM/WRIST/HAND REATT		
8424	UPPER ARM REATTACHMENT		
8426	FOOT REATTACHMENT		
8427	LOWER LEG/ANKLE REATTACH		
8428	THIGH REATTACHMENT		
DRG 486 MDC 24,			
OTHER O.R. PROCS FOR MULTIPLE			
SIGNIFICANT TRAUMA			
0118	OTHER BRAIN DX PROCEDURE		
0119	OTHER SKULL DX PROCEDURE		
0207	SKULL PLATE REMOVAL		
0231	VENTRICLE SHUNT-HEAD/NECK		
0232	VENTRICLE SHUNT-CIRCULA SYS		

ICD-9-CM Procedure Codes for Major Surgery DRGs

0832	PTOSIS REP-FRON MUS SLNG	1151	SUTURE CORNEA LACERATION
0833	PTOSIS REP-LEVAT MUS ADV	1152	REP CORNEA POSTOP DEHISC
0834	PTOSIS REP-LEVAT MUS NEC	1153	RX CORNEA LAC W CONJ FLP
0835	PTOS REP-TARSAL TECHNIQ	1159	CORNEAL REPAIR NEC
0836	BLEPHAROPTOS REPAIR NEC	1160	CORNEAL TRANSPLANT NOS
0837	REDUC OVERCORRECT PTOSIS	1161	LAM KERATPLAST W AUTGRFT
0838	CORRECT LID RETRACTION	1162	LAMELLAR KERATOPLAST NEC
0841	THERMOCAUT/ENTROPION REP	1163	PERF KERATOPL W AUTOGRFT
0842	SUTURE ENTROPION REPAIR	1164	PERFORAT KERATOPLAST NEC
0843	WEDG RESEC ENTROPION REP	1169	CORNEAL TRANSPLANT NEC
0844	LID RECONS ENTROPION REP	1171	KERATOMELEUSIS
0849	ENTROPION/ECTROP REP NEC	1172	KERATOPHAKIA
0851	CANTHOTOMY	1173	KERATOPROSTHESIS
0852	BLEPHARORRHAPHY	1174	THERMOKERATOPLASTY
0859	ADJUST LID POSITION NEC	1175	RADIAL KERATOTOMY
0861	LID RECONST W SKIN GRAFT	1176	EPIKERATOPHAKIA
0862	LID RECONST W MUC GRAFT	1179	CORNEA RECONSTRUCT NEC
0863	LID RECONST W HAIR GRAFT	1191	CORNEAL TATTOOING
0864	LID RECON-TARSOCONJ FLAP	1192	REMOVE CORNEAL IMPLANT
0869	LID RECONSTR W GRAFT NEC	1199	CORNEAL OPERATION NEC
0870	LID RECONSTRUCTION NOS	1200	REMOV ANT SEGMENT FB NOS
0871	LID MARG RECON-PART THIC	1201	MAGNET REMOV ANT SEG FB
0872	LID RECONS-PART THIC NEC	1202	NONMAG REMOV ANT SEG FB
0873	LID MARG RECONS FUL THIC	1211	IRIDOTOMY W TRANSFIXION
0874	LID RECONST-FUL THIC NEC	1212	IRIDOTOMY NEC
0881	LINEAR REP LID LACER	1213	PROLAPSED IRIS EXCISION
0882	LID MARG LAC RX-PART TH	1214	IRIDECTOMY NEC
0883	LID LACER RX-PRT TH NEC	1221	DX ASPIRAT-ANT CHAMBER
0884	LID MARG LAC RX-FUL THIC	1222	IRIS BIOPSY
0885	LID LAC RX-FUL THIC NEC	1229	ANT SEGMENT DX PROC NEC
0886	LOWER LID RHYTIDECTOMY	1231	GONIOSYNECHIAE LYSIS
0887	UPPER LID RHYTIDECTOMY	1232	ANT SYNECHIA LYSIS NEC
0889	EYELID REPAIR NEC	1233	POST SYNECHIAE LYSIS
0891	ELECTROSURG LID EPILAT	1234	CORNEOVITREAL ADHESIOLYS
0892	CRYOSURG LID EPILATION	1235	COREOPLASTY
0893	EYELID EPILATION NEC	1239	IRIDOPLASTY NEC
0899	EYELID OPERATION NEC	1240	REMOV ANT SEGMENT LES NOS
0911	LACRIMAL GLAND BIOPSY	1241	NONEXC DESTRUC IRIS LES
0919	LACRIMAL SYS DX PROC NEC	1242	EXCISION OF IRIS LESION
0921	EXCIS LES LACRIMAL GLAND	1243	NONEXC DESTR CIL BOD LES
0922	PART DACRYOADENECT NEC	1244	EXCISE CILIARY BODY LES
0923	TOTAL DACRYOADENECTOMY	1251	GONIOPUNCTURE
093	OTHER LACRIMAL GLAND OPS	1252	GONIOTOMY
0944	NASOLAC DUCT INTUBAT	1253	GONIOTOMY W GONIOPUNCTUR
0952	LAC CANALICULI INCISION	1254	TRABECULOTOMY AB EXTERNO
096	LACRIM SAC/PASSAGE EXCIS	1255	CYCLODIALYSIS
0971	CORRECT EVERTED PUNCTUM	1259	FACILIT INTRAOC CIRC NEC
0972	PUNCTUM REPAIR NEC	1261	TREPHIN SCLERA W IRIDECT
0973	CANALICULUS REPAIR	1262	THERMCAUT SCLER W IRIDEC
0981	DACRYOCYSTORHINOSTOMY	1263	IRIDENCELEISIS/IRIDOTASIS
0982	CONJUNCTIVOCYSTORHINOST	1264	TRABECULECTOM AB EXTERNO
0983	CONJUNCTIVORHINOS W TUBE	1265	SCLER FISTULIZ W IRIDECT
0991	LAC PUNCTUM OBLITERATION	1266	POSTOP REVIS SCL FISTUL
0999	LACRIMAL SYSTEM OP NEC	1269	SCLER FISTULIZING OP NEC
100	INCISE/REMOV CONJUNCT FB	1281	SUTURE SCLERAL LACER
1031	EXCISE CONJUNCTIV LESION	1282	SCLERAL FISTULA REPAIR
1032	DESTRUCT CONJUNC LES NEC	1283	REVIS ANT SEG OP WND NEC
1033	OTH CONJUNC DESTRUC PROC	1284	DESTRUCT SCLERAL LESION
1041	SYMBLEPH REP W FREE GRFT	1285	REPAIR STAPHYLOM W GRAFT
1042	GRAFT CONJUNC CUL-DE-SAC	1286	REP SCLER STAPHYLOMA NEC
1043	CONJUN CUL-DE-SAC RX NEC	1287	GRAFT REINFORCE SCLERA
1044	CONJUNC FREE GRAFT NEC	1288	SCLERA REINFORCEMENT NEC
1049	CONJUNCTIVOPLASTY NEC	1289	SCLERAL OPERATION NEC
106	REPAIR CONJUNCT LACERAT	1291	THERAPEUT EVAC ANT CHAMB
110	MAGNET REMOVAL CORNEA FB	1292	ANTERIOR CHAMBER INJECT
111	CORNEAL INCISION	1297	IRIS OPERATION NEC
1122	CORNEAL BIOPSY	1298	CILIARY BODY OP NEC
1132	PTERYG EXC W CORNEA GRFT	1299	ANTERIOR CHAMBER OP NEC
1142	THERMOCAUT CORNEA LESION	1300	REMOVE FB LENS NOS
1143	CRYOTHERAP CORNEA LESION	1301	MAGNET REMOVE FB LENS
1149	DESTRUCT CORNEA LES NEC	1302	NONMAGNET REMOVE FB LENS

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1372	SECONDARY INSERT LENS	2185	AUGMENTATION RHINOPLASTY
138	IMPLANTED LENS REMOVAL	2186	LIMITED RHINOPLASTY
139	OTHER OPERATIONS ON LENS	2187	RHINOPLASTY NEC
1400	REMOV POST SEGMENT FB NOS	2188	SEPTOPLASTY NEC
1401	MAGNET REMOV POST SEG FB	2189	NASAL REPAIR NEC
1402	NONMAG REMOV POST SEG FB	2199	NASAL OPERATION NEC
1431	RETINAL TEAR DIATHERMY	242	GINGIVOPLASTY
1441	SCLERAL BUCKLE W IMPLANT	245	ALVEOLOPLASTY
1449	SCLERAL BUCKLING NEC	2559	REPAIR OF TONGUE NEC
1451	DETACH RETINA-DIATHERMY	2641	SUTURE OF SALIV GLND LAC
1452	DETACH RETINA-CRYOTHERAP	2642	SALIVARY FISTULA CLOSURE
1453	DETACH RETINA XENON COAG	2649	SALIVARY REPAIR NEC
1454	DETACH RETINA LASER COAG	270	DRAIN FACE & MOUTH FLOOR
1455	DETACH RET PHOTOACOAG NOS	2749	EXCISION OF MOUTH NEC
1459	REPAIR RETINA DETACH NEC	2753	CLOSURE OF MOUTH FISTULA
146	REMOV PROS MAT POST SEG	2754	REPAIR OF CLEFT LIP
1471	ANTERIOR REMOV VITREOUS	2755	FULL-THICK GRFT TO MOUTH
1472	VITREOUS REMOVAL NEC	2756	SKIN GRAFT TO MOUTH NEC
1473	ANTERIOR MECHAN VITRECT	2757	PEDICLE ATTACH TO MOUTH
1474	MECH VITRECTOMY NEC	2759	MOUTH REPAIR NEC
1475	VITREOUS SUBSTITUT INJEC	2761	SUTURE OF PALATE LACERAT
1479	VITREOUS OPERATION NEC	2792	MOUTH INCISION NOS
149	OTHER POST SEGMENT OPS	2799	ORAL CAVITY OPS NEC
157	EXTRAOC MUSC INJ REPAIR	287	HEMORR CONTRL POST T & A
159	OTH EXTRAOC MUS-TEND OP	2891	INCIS TO REMOV TONSIL FB
1601	ORBITOTOMY W BONE FLAP	290	PHARYNGOTOMY
1602	ORBITOTOMY W IMPLANT	294	PLASTIC OP ON PHARYNX
1609	ORBITOTOMY NEC	2951	SUTURE OF PHARYNGEAL LAC
161	REMOVE PENETRAT FB EYE	2953	CLOS PHARYNX FISTULA NEC
1631	EYE EVISC W SYNCH IMPLAN	2959	PHARYNGEAL REPAIR NEC
1639	EYEBALL EVISCERATION NEC	2999	PHARYNGEAL OPERATION NEC
1641	EYE ENUC/IMPLAN/MUSC ATT	301	HEMILARYNGECTOMY
1642	EYE ENUC W IMPLANT NEC	3021	EPIGLOTTIDECTOMY
1649	EYEBALL ENUCLEATION NEC	3022	VOCAL CORDECTOMY
1651	RADICAL ORBITOMAXILLECT	3029	OTHER PART LARYNGECTOMY
1652	ORBIT EXENT W BONE REMOV	3161	SUTURE OF LARYNGEAL LAC
1659	ORBITAL EXENTERATION NEC	3164	LARYNGEAL FX REPAIR
1661	2NDRY OCULAR IMP INSERT	3169	OTHER LARYNGEAL REPAIR
1662	REVIS/REINSERT OCUL IMP	3171	SUTURE OF TRACHEAL LACER
1663	REVIS ENUC SOCKET W GRFT	3172	CLOSURE OF TRACHEOSTOMY
1664	ENUC SOCKET REVIS NEC	3173	TRACHEA FISTULA CLOS NEC
1665	2NDRY EXENT CAVITY GRAFT	3174	REVISION OF TRACHEOSTOMY
1666	REVIS EXENTER CAVITY NEC	3175	TRACHEAL RECONSTRUCTION
1669	2ND OP POST EYE REM NEC	3179	OTHER TRACHEAL REPAIR
1671	REMOVE OCULAR IMPLANT	3192	LYSIS TRACH/LARYNX ADHES
1672	REMOVE ORBITAL IMPLANT	3199	OTHER TRACHEAL OPERATION
1681	REPAIR OF ORBITAL WOUND	321	OTHER BRONCHIAL EXCISION
1682	REPAIR EYEBALL RUPTURE	323	SEGMENTAL LUNG RESECTION
1689	EYE/ORBIT INJ REPAIR NEC	324	LOBECTOMY OF LUNG
1692	EXCISION ORBITAL LESION	325	COMPLETE PNEUMONECTOMY
1693	EXCISION EYE LESION NOS	329	OTHER EXCISION OF LUNG
1698	OPERATION ON ORBIT NEC	330	INCISION OF BRONCHUS
1699	OPERATION ON EYEBALL NEC	331	INCISION OF LUNG
1839	EXCIS EXTERNAL EAR NEC	3341	BRONCHIAL LACERAT SUTURE
186	EXT AUDIT CANAL RECONSTR	3342	BRONCHIAL FISTULA CLOS
1871	CONSTRUCTION EAR AURICLE	3343	LUNG LACERATION CLOSURE
1872	REATTACH AMPUTATED EAR	3348	BRONCHIAL REPAIR NEC
1879	PLASTIC REP EXT EAR NEC	3349	LUNG REPAIR NEC
189	OTHER EXT EAR OPERATIONS	3392	BRONCHIAL LIGATION
2104	ETHMOID ART LIGAT-EPIST	3398	BRONCHIAL OPERATION NEC
2105	MAX ART LIG FOR EPISTAX	3399	LUNG OPERATION NEC
2106	EXT CAROT ART LIG-EPIST	3402	EXPLORATORY THORACOTOMY
2107	NASAL SEPT GRFT-EPISTAX	3403	REOPEN THORACOTOMY SITE
2109	EPISTAXIS CONTROL NEC	341	INCISION OF MEDIASTINUM
214	RESECTION OF NOSE	3421	TRANSPLEURA THORACOSCOPY
215	SUBMUC NASAL SEPT RESECT	3451	DECORTICATION OF LUNG
2162	TURBINATE FRACTURE	3459	OTHER PLEURAL EXCISION
2169	TURBINECTOMY NEC	346	SCARIFICATION OF PLEURA
2172	OPEN REDUCTION NASAL FX	3473	CLOS THORACIC FISTUL NEC
2183	TOT NASAL RECONSTRUCTION	3479	OTHER CHEST WALL REPAIR
2184	REVISION RHINOPLASTY	3482	SUTURE DIAPHRAGM LACERAT

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3483	CLOSE DIAPHRAGM FISTULA	3883	OCCLUDE ARM VESSEL NEC
3484	OTHER DIAPHRAGM REPAIR	3884	OCCLUDE AORTA NEC
3485	IMPLANT DIAPHRA PACEMAKE	3885	OCCLUDE THORACIC VES NEC
3489	DIAPHRAGM OPERATION NEC	3886	OCCLUDE ABD ARTERY NEC
3493	REPAIR OF PLEURA	3887	OCCLUDE ABD VEIN NEC
3499	THORACIC OPERATION NEC	3888	OCCLUDE LEG ARTERY NEC
3711	CARDIOTOMY	3889	OCCLUDE LEG VEIN NEC
3712	PERICARDIOTOMY	3922	AORTA-SUBCLV-CAROT BYPASS
3731	PERICARDIECTOMY	3923	INTRATHORACIC SHUNT NEC
374	HEART & PERICARD REPAIR	3924	AORTA-RENAL BYPASS
3774	INT OR REPL LEAD EPICAR	3925	AORTA-ILIAC-FEMOR BYPASS
3775	REVISION OF LEAD	3926	INTRA-ABDOMIN SHUNT NEC
3776	REPL TV ATRI-VENT LEAD	3927	DIALYSIS ARTERIOVENOSTOM
3777	REMOVAL OF LEAD W/O REPL	3928	EXTRACRAN-INTRACRAN BYPASS
3779	REVIS OR RELOCATE POCKET	3929	VASC SHUNT & BYPASS NEC
3780	INT OR REPL PERM PACEMKR	3930	SUTURE OF VESSEL NOS
3785	REPL PACEM W 1-CHAM, NON	3931	SUTURE OF ARTERY
3786	REPL PACEM 1-CHAM, RATE	3932	SUTURE OF VEIN
3787	REPL PACEM W DUAL-CHAM	3941	POSTOP VASC OP HEM CONTR
3789	REVISE OR REMOVE PACEMAK	3942	REVIS REN DIALYSIS SHUNT
3791	OPN CHEST CARDIAC MASSAG	3943	REMOV REN DIALYSIS SHUNT
3800	INCISION OF VESSEL NOS	3949	VASC PROC REVISION NEC
3801	INTRACRAN VESSEL INCIS	3950	ANGIO/ATH NON-CORO VES%
3802	HEAD/NECK VES INCIS NEC	3952	ANEURYSM REPAIR NEC
3803	UPPER LIMB VESSEL INCIS	3956	REPAIR VESS W TIS PATCH
3804	INCISION OF AORTA	3957	REP VESS W SYNTH PATCH
3805	THORACIC VESSEL INC NEC	3958	REPAIR VESS W PATCH NOS
3806	ABDOMEN ARTERY INCISION	3959	REPAIR OF VESSEL NEC
3807	ABDOMINAL VEIN INCISION	3991	FREEING OF VESSEL
3808	LOWER LIMB ARTERY INCIS	3993	INSERT VES-TO-VES CANNUL
3809	LOWER LIMB VEIN INCISION	3998	HEMORRHAGE CONTROL NOS
3810	ENDARTERECTOMY NOS	3999	VESSEL OPERATION NEC
3812	HEAD & NECK ENDARTER NEC	4029	SIMP EXC LYMPH STRUC NEC
3813	UPPER LIMB ENDARTERECTOM	4061	THORAC DUCT CANNULATION
3814	ENDARTERECTOMY OF AORTA	4062	THORACIC DUCT FISTULIZAT
3815	THORACIC ENDARTERECTOMY	4063	CLOSE THORACIC DUCT FIST
3816	ABDOMINAL ENDARTERECTOMY	4064	LIGATE THORACIC DUCT
3818	LOWER LIMB ENDARTERECT	4069	THORACIC DUCT OP NEC
3830	VESSEL RESECT/ANAST NOS	409	LYMPH STRUCTURE OP NEC
3831	INTRACRAN VES RESEC-ANAS	412	SPLENOTOMY
3832	HEAD/NECK VES RESEC-ANAS	4142	EXC SPLENIC LESION/TISS
3833	ARM VESSEL RESECT/ANAST	4143	PARTIAL SPLENECTOMY
3834	AORTA RESECTION & ANAST	415	TOTAL SPLENECTOMY
3835	THOR VESSEL RESECT/ANAST	4193	EXC OF ACCESSORY SPLEEN
3836	ABD VESSEL RESECT/ANAST	4195	REPAIR OF SPLEEN
3837	ABD VEIN RESECT & ANAST	4199	SPLEEN OPERATION NEC
3838	LEG ARTERY RESECT/ANAST	4209	ESOPHAGEAL INCISION NEC
3839	LEG VEIN RESECT/ANASTOM	4210	ESOPHAGOSTOMY NOS
3840	VESSEL RESECT/REPLAC NOS	4211	CERVICAL ESOPHAGOSTOMY
3841	INTRACRAN VES RESEC-REPL	4212	ESOPH POUCH EXTERIORIZAT
3842	HEAD/NECK VES RESEC-REPL	4219	EXT FISTULIZAT ESOPH NEC
3843	ARM VES RESECT W REPLACE	4221	ESOPHAGOSCOPY BY INCIS
3844	RESECT ABDM AORTA W REPL	4240	ESOPHAGECTOMY NOS
3845	RESECT THORAC VES W REPL	4241	PARTIAL ESOPHAGECTOMY
3846	ABD ARTERY RESEC W REPLA	4242	TOTAL ESOPHAGECTOMY
3847	ABD VEIN RESECT W REPLAC	4251	THORAC ESOPHAGUESOPHAGOS
3848	LEG ARTERY RESEC W REPLA	4252	THORAC ESOPHAGOGASTROST
3849	LEG VEIN RESECT W REPLAC	4253	THORAC SM BOWEL INTERPOS
3860	EXCISION OF VESSEL NOS	4254	THORAC ESOPHAGOENTER NEC
3861	INTRACRAN VESSEL EXCIS	4255	THORAC LG BOWEL INTERPOS
3862	HEAD/NECK VESSEL EXCIS	4256	THORAC ESOPHAGOCOLOS NEC
3863	ARM VESSEL EXCISION	4258	THORAC INTERPOSITION NEC
3864	EXCISION OF AORTA	4259	THORAC ESOPHAG ANAST NEC
3865	THORACIC VESSEL EXCISION	4261	STERN ESOPHAGUESOPHAGOST
3866	ABDOMINAL ARTERY EXCIS	4262	STERN ESOPHAGOGASTROSTOM
3867	ABDOMINAL VEIN EXCISION	4263	STERN SM BOWEL INTERPOS
3868	LEG ARTERY EXCISION	4264	STERN ESOPHAGOENTER NEC
3869	LEG VEIN EXCISION	4265	STERN LG BOWEL INTERPOS
387	INTERRUPTION VENA CAVA	4266	STERN ESOPHAGOCOLOS NEC
3880	SURG VESSEL OCCLUS NEC	4268	STERN INTERPOSITION NEC
3882	OCCLUS HEAD/NECK VES NEC	4269	STERN ESOPHAG ANAST NEC

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427	ESOPHAGOMYOTOMY	4675	SUTURE LG BOWEL LACERAT
4282	SUTURE ESOPHAGEAL LACER	4676	CLOSE LG BOWEL FISTULA
4283	ESOPHAGOSTOMY CLOSURE	4679	REPAIR OF INTESTINE NEC
4284	ESOPH FISTULA REPAIR NEC	4680	INTRA-AB BOWEL MANIP NOS
4285	ESOPHAG STRICTURE REPAIR	4681	INTRA-ABD SM BOWEL MANIP
4286	PROD SUBQ TUNNEL NO ANAS	4682	INTRA-ABD LG BOWEL MANIP
4287	ESOPHAGEAL GRAFT NEC	4693	REVISE SM BOWEL ANASTOM
4289	ESOPHAGEAL REPAIR NEC	4694	REVISE LG BOWEL ANASTOM
430	GASTROTOMY	4699	INTESTINAL OP NEC
435	PROXIMAL GASTRECTOMY	471	INCIDENTAL APPECTOMY
436	DISTAL GASTRECTOMY	4792	CLOSE APPENDICEAL FISTUL
437	PART GASTREC W JEJ ANAST	480	PROCTOTOMY
4381	PART GAST W JEJ TRANSPOS	481	PROCTOSTOMY
4389	PARTIAL GASTRECTOMY NEC	4821	TRANSAB PROCTOSIGMOIDOSC
4391	TOT GAST W INTES INTERPO	4849	PULL-THRU RECT RESEC NEC
4399	TOTAL GASTRECTOMY NEC	485	ABD-PERINEAL RECT RESECT
4411	TRANSABDOMIN GASTROSCOPY	4861	TRANSAB RECTOSIGMOIDECT
445	REVISION GASTRIC ANASTOM	4862	ANT RECT RESECT W COLOST
4461	SUTURE GASTRIC LACERAT	4863	ANTERIOR RECT RESECT NEC
4463	CLOSE GASTRIC FISTUL NEC	4864	POSTERIOR RECT RESECTION
4464	GASTROPEXY	4865	DUHAMEL RECTAL RESECTION
4465	ESOPHAGOGASTROPLASTY	4869	RECTAL RESECTION NEC
4466	CREAT ESOPHAGASTR SPHINC	4871	SUTURE OF RECTAL LACER
4469	GASTRIC REPAIR NEC	4872	CLOSURE OF PROCTOSTOMY
4492	INTRAOP GASTRIC MANIPUL	4873	CLOSE RECTAL FIST NEC
4499	GASTRIC OPERATION NEC	4874	RECTORECTOSTOMY
4500	INTESTINAL INCISION NOS	4875	ABDOMINAL PROCTOPEXY
4501	DUODENAL INCISION	4876	PROCTOPEXY NEC
4502	SMALL BOWEL INCISION NEC	4879	REPAIR OF RECTUM NEC
4503	LARGE BOWEL INCISION	4881	PERIRECTAL INCISION
4511	TRANSAB SM BOWEL ENDOSC	4882	PERIRECTAL EXCISION
4521	TRANSAB LG BOWEL ENDOSC	4891	INCIS RECTAL STRICTURE
4561	MULT SEG SM BOWEL EXCIS	4911	ANAL FISTULECTOMY
4562	PART SM BOWEL RESECT NEC	4912	ANAL FISTULECTOMY
4563	TOTAL REMOVAL SM BOWEL	4971	SUTURE ANAL LACERATION
4571	MULT SEG LG BOWEL EXCIS	4973	CLOSURE OF ANAL FISTULA
4572	CECECTOMY	4979	ANAL SPHINCT REPAIR NEC
4573	RIGHT HEMICOLECTOMY	4995	CONTROL ANAL HEMORRHAGE
4574	TRANSVERSE COLON RESECT	4999	ANAL OPERATION NEC
4575	LEFT HEMICOLECTOMY	500	HEPATOTOMY
4576	SIGMOIDECTOMY	5012	OPEN LIVER BIOPSY
4579	PART LG BOWEL EXCIS NEC	5019	HEPATIC DX PROC NEC
458	TOT INTRA-ABD COLECTOMY	5022	PARTIAL HEPATECTOMY
4590	INTESTINAL ANASTOM NOS	503	HEPATIC LOBECTOMY
4591	SM-TO-SM BOWEL ANASTOM	504	TOTAL HEPATECTOMY
4592	SM BOWEL-RECT STUMP ANAS	5061	CLOSURE LIVER LACERAT
4593	SMALL-TO-LARGE BOWEL NEC	5069	LIVER REPAIR NEC
4594	LG-TO-LG BOWEL ANASTOM	5121	OTH PART CHOLECYSTECTOMY#
4595	ANAL ANASTOMOSIS	5122	TOTAL CHOLECYSTECTOMY
4601	SM BOWEL EXTERIORIZATION	5123	LAP CHOLE
4602	RESECT EXT SEG SM BOWEL	5124	LAP PART CHOLECYSTECTOMY#
4603	LG BOWEL EXTERIORIZATION	5131	GB-TO-HEPAT DUCT ANAST
4604	RESECT EXT SEG LG BOWEL	5132	GB-TO-INTESTINE ANASTOM
4610	COLOSTOMY NOS	5133	GB-TO-PANCREAS ANASTOM
4611	TEMPORARY COLOSTOMY	5134	GB-TO-STOMACH ANASTOMOS
4613	PERMANENT COLOSTOMY NEC	5135	GALLBLADDER ANASTOM NEC
4620	ILEOSTOMY NOS	5136	CHOLEDOCHOENTEROSTOMY
4621	TEMPORARY ILEOSTOMY	5137	HEPATIC DUCT-GI ANASTOM
4622	CONTINENT ILEOSTOMY	5139	BILE DUCT ANASTOMOS NEC
4623	PERMANENT ILEOSTOMY NEC	5142	CDE FOR OBSTRUCTION NEC
4640	INTEST STOMA REVIS NOS	5143	CHOLEDOCHOHEPAT INTUBAT
4641	SM BOWEL STOMA REVISION	5159	BILE DUCT INCISION NEC
4642	PERICOLST HERNIA REPAIR	5161	EXCIS CYST DUCT REMNANT
4643	LG BOWEL STOMA REVIS NEC	5171	SIMPLE SUT-COMMON DUCT
4650	INTEST STOMA CLOSURE NOS	5172	CHOLEDOCHOPLASTY
4651	SM BOWEL STOMA CLOSURE	5179	BILE DUCT REPAIR NEC
4652	LG BOWEL STOMA CLOSURE	5181	SPHINCTER OF ODDI DILAT
4671	DUODENAL LACERAT SUTURE	5182	PANCREAT SPHINCTEROTOM
4672	DUODENAL FISTULA CLOSURE	5183	PANCREAT SPHINCTEROPLAS
4673	SMALL BOWEL SUTURE NEC	5189	SPHINCT OF ODDI OP NEC
4674	CLOSE SM BOWEL FIST NEC	5191	REPAIR GB LACERATION

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5192	CLOSURE CHOLECYSTOSTOMY	561	URETERAL MEATOTOMY
5193	CLOS BILIARY FISTUL NEC	562	URETEROTOMY
5194	REVIS BILE TRACT ANASTOM	5640	URETERECTOMY NOS
5195	REMOVE BILE DUCT PROSTH	5641	PARTIAL URETERECTOMY
5199	BILIARY TRACT OP NEC	5642	TOTAL URETERECTOMY
5212	OPEN PANCREATIC BIOPSY	5651	FORM CUTAN ILEOURETEROST
5219	PANCREATIC DX PROC NEC	5652	REVIS CUTAN ILEOURETEROS
5251	PROXIMAL PANCREATECTOMY	5661	FORM CUTAN URETEROSTOMY
5252	DISTAL PANCREATECTOMY	5662	REVIS CUTAN URETEROS NEC
5253	RAD SUBTOT PANCREATECTOM	5671	URIN DIVERSION TO BOWEL
5259	PARTIAL PANCREATECT NEC	5672	REVIS URETEROENTEROSTOMY
526	TOTAL PANCREATECTOMY	5673	NEPHROCYSTANASTOMOSI NOS
527	RAD PANCREATICODUODENECT	5674	URETERONEOCYSTOSTOMY
5292	CANNULATION PANCREA DUC	5675	TRANSURETEROURETEROSTOMY
5295	PANCREATIC REPAIR NEC	5679	URETERAL ANASTOMOSIS NEC
5296	PANCREATIC ANASTOMOSIS	5681	INTRALUM URETE ADHESIOLY
5299	PANCREATIC OPERATION NEC	5682	SUTURE URETERAL LACERAT
5349	UMBIL HERNIA REPAIR NEC	5683	URETEROSTOMY CLOSURE
5361	INCIS HERNIA REPAIR-GRFT	5684	CLOSE URETER FISTULA NEC
537	ABD REPAIR-DIAPHR HERNIA	5686	REMOVE URETERAL LIGATURE
5380	THOR REP-DIAPH HERN NOS	5689	REPAIR OF URETER NEC
5381	DIAPHRAGMATIC PPLICATION	5695	LIGATION OF URETER
5382	PARASTERN HERNIA REPAIR	5699	URETERAL OPERATION NEC
540	ABDOMINAL WALL INCISION	5712	CYSTOTOMY & ADHESIOLYSIS
5411	EXPLORATORY LAPAROTOMY	5718	OTHER SUPRAPU CYSTOSTOMY
5412	REOPEN RECENT LAP SITE	5719	CYSTOTOMY NEC
5419	LAPAROTOMY NEC	5721	VESICOSTOMY
5421	LAPAROSCOPY	5722	REVISE CLO VESICOSTOMY
5422	ABDOMINAL WALL BIOPSY	5739	BLADDER DIAGNOS PROC NEC
5429	ABD REGION DX PROC NEC	576	PARTIAL CYSTECTOMY
545	PERITONEAL ADHESIOLYSIS	5779	TOTAL CYSTECTOMY NEC
5451	LAP PERITON ADHESIOLYSIS#	5781	SUTURE BLADDER LACERAT
5459	OTH PERITON ADHESIOLYSIS#	5782	CYSTOSTOMY CLOSURE
5461	RECLOSE POST OP DISRUPT	5783	ENTEROVESICO FIST REPAIR
5462	DELAYED CLOS ABD WOUND	5784	VESIC FISTULA REPAIR NEC
5463	ABD WALL SUTURE NEC	5787	BLADDER RECONSTRUCTION
5464	PERITONEAL SUTURE	5789	BLADDER REPAIR NEC
5471	REPAIR OF GASTROSCHISIS	5793	CONTROL BLADD HEMORRHAGE
5472	ABDOMEN WALL REPAIR NEC	5799	BLADDER OPERATION NEC
5473	PERITONEAL REPAIR NEC	580	URETHROTOMY
5474	OMENTAL REPAIR NEC	581	URETHRAL MEATOTOMY
5475	MESENTERIC REPAIR NEC	5841	SUTURE URETHRAL LACERAT
5492	REMOVE FB FROM PERITON	5842	URETHROSTOMY CLOSURE
5493	CREATE CUTANPERITON FIST	5843	CLOSE URETH FISTULA NEC
5495	PERITONEAL INCISION	5844	URETHRAL REANASTOMOSIS
5501	NEPHROTOMY	5846	URETH RECONSTRUCTION NEC
5502	NEPHROSTOMY	5849	URETHRAL REPAIR NEC
5503	PERCU NEPHROSTM W/O FRAG	585	URETH STRICTURE RELEASE
5504	PERCU NEPHROSTMY W FRAG	5893	IMPLT ARTF URIN SPHINCT
5511	PYELOTOMY	5901	URETEROLYS FOR FIBROSIS
5512	PYELOSTOMY	5902	PERIREN ADHESIOLYS NEC
5524	OPEN RENAL BIOPSY	5903	LAP LYS PERIREN/URET ADH#
5529	RENAL DIAGNOST PROC NEC	5909	PERIREN/URETER INCIS NEC
5531	RENAL LES MARSUPIALIZAT	5911	PERIVESICAL ADHESIOLYSIS
554	PARTIAL NEPHRECTOMY	5912	LAP LYS PERIVESURETH ADH#
5551	NEPHROURETERECTOMY	5919	PERIVESICAL INCISION NEC
5552	SOLITARY KIDNEY NEPHRECT	5921	PERIREN/URETERAL BIOPSY
5553	REJECTED KIDNEY NEPHRECT	5929	PERIREN/URET DX PROC NEC
5554	BILATERAL NEPHRECTOMY	6093	REPAIR OF PROSTATE
5561	RENAL AUTOTRANSPLANT	6094	CONTROL POSTOP PROST HEM
5581	SUTURE KIDNEY LACERATION	6142	SCROTAL FISTULA REPAIR
5582	CLOSE NEPHROST & PYELOST	6149	SCROTUM/TUNIC REPAIR NEC
5583	CLOSE RENAL FISTULA NEC	6199	SCROTUM & TUNICA OP NEC
5584	REDUCE RENAL PEDICL TORS	620	INCISION OF TESTES
5586	RENAL ANASTOMOSIS	623	UNILATERAL ORCHIECTOMY
5587	CORRECT URETEROPELV JUNC	6241	REMOVE BOTH TESTES
5589	RENAL REPAIR NEC	6242	REMOVE SOLITARY TESTIS
5597	IMPLANT MECHANIC KIDNEY	6261	SUTURE TESTICULAR LACER
5598	REMOV MECHANICAL KIDNEY	6269	TESTICULAR REPAIR NEC
5599	RENAL OPERATION NEC	6299	TESTICULAR OPERATION NEC
560	TU REMOV URETER OBSTRUCT	6351	SUTURE CORD & EPID LACER

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6353	TRANSPLANT SPERMAT CORD	7672	OPN REDUCT MALAR/ZYGO FX
6359	CORD & EPIDID REPAIR NEC	7674	OPEN REDUCT MAXILLARY FX
6381	SUTURE VAS & EPIDID LAC	7676	OPEN REDUCT MANDIBLE FX
6382	POSTOP VAS RECONSTRUCT	7677	OPEN REDUCT ALVEOLAR FX
6389	VAS & EPIDIDY REPAIR NEC	7679	OPEN REDUCT FACE FX NEC
6394	SPERM CORD ADHESIOLYSIS	7691	BONE GRAFT TO FACE BONE
6399	CORD/EPID/VAS OPS NEC	7692	SYN IMPLANT TO FACE BONE
6441	SUTURE PENILE LACERATION	7694	OPEN REDUCT TM DISLOCAT
6443	CONSTRUCTION OF PENIS	7697	REMOVE INT FIX FACE BONE
6444	RECONSTRUCTION OF PENIS	7699	FACIAL BONE/JNT OP NEC
6445	REPLANTATION OF PENIS	7700	SEQUESTRECTOMY NOS
6449	PENILE REPAIR NEC	7701	CHEST CAGE SEQUESTREC
6571	SIMPLE SUTURE OF OVARY	7702	HUMERUS SEQUESTRECTOMY
6572	OVARIAN REIMPLANTATION	7703	RADIUS & ULNA SEQUESTREC
6573	SALPINGO-OOPHOROPLASTY	7704	METACARP/CARP SEQUESTREC
6574	LAP SIMPLE SUTURE OVARY#	7706	PATELLAR SEQUESTRECTOMY
6575	LAP REIMPLANT OF OVARY#	7707	TIBIA/FIBULA SEQUESTREC
6576	LAP SALPINGO-OOPHOROPLAS#	7708	METATAR/TAR SEQUESTREC
6579	REPAIR OF OVARY NEC	7709	SEQUESTRECTOMY NEC
658	TUBO-OVARIAN ADHESIOLYS	7710	OTHER BONE INCISION NOS
6581	LAP ADHESIOLYS OVA/TUBE#	7711	OTHER CHEST CAGE INCIS
6589	ADHESIOLYSIS OVARY/TUBE#	7712	OTHER HUMERUS INCISION
6671	SIMPL SUTURE FALLOP TUBE	7713	OTHER RADIUS/ULNA INCIS
6679	FALLOP TUBE REPAIR NEC	7714	OTH METACARP/CARP INCIS
675	INT CERVICAL OS REPAIR	7715	OTHER FEMORAL INCISION
6761	SUTURE CERVICAL LACERAT	7716	OTHER PATELLAR INCISION
6762	CERVICAL FISTULA REPAIR	7717	OTHER TIBIA/FIBULA INCIS
6769	CERVICAL REPAIR NEC	7718	OTH METATARS/TARS INCIS
680	HYSTEROTOMY	7719	BONE INCIS W/O DIV NEC
6923	VAG REPAIR INVERS UTERUS	7720	WEDGE OSTEOTOMY NOS
6929	UTERUS/ADNEXA REPAIR NEC	7721	CHEST CAGE WEDG OSTEOTOM
6941	SUTURE UTERINE LACERAT	7722	HUMERUS WEDGE OSTEOTOMY
6942	CLOSURE UTERINE FISTULA	7723	RADIUS/ULNA WEDG OSTEOTO
6949	UTERINE REPAIR NEC	7724	METACAR/CAR WEDG OSTEOTO
6997	REMOVE PENETRAT CERV FB	7726	PATELLAR WEDGE OSTEOTOMY
7013	INTRALUM VAG ADHESIOLYS	7727	TIBIA/FIBUL WEDG OSTEOT
7062	VAGINAL RECONSTRUCTION	7728	METATAR/TAR WEDG OSTEOT
7071	SUTURE VAGINA LACERATION	7729	WEDGE OSTEOTOMY NEC
7072	REPAIR COLOVAGIN FISTULA	7730	OTHER BONE DIVISION NOS
7073	REPAIR RECTOVAG FISTULA	7731	CHEST CAGE BONE DIV NEC
7074	REP VAGINOENT FISTUL NEC	7732	HUMERUS DIVISION NEC
7075	REPAIR VAG FISTULA NEC	7733	RADIUS/ULNA DIVISION NEC
7079	VAGINAL REPAIR NEC	7734	METACAR/CAR DIVISION NEC
7101	VULVAR ADHESIOLYSIS	7736	PATELLAR DIVISION NEC
7171	SUTURE VULVAR LACERATION	7737	TIBIA/FIBULA DIV NEC
7172	REPAIR VULVAR FISTULA	7738	METATAR/TAR DIVISION NEC
7179	VULVAR/PERIN REPAIR NEC	7739	BONE DIVISION NEC
7601	FACIAL BONE SEQUESTRECT	7744	METACARPAL/CARPAL BIOPSY
7609	FACIAL BONE INCISION NEC	7758	OTH EXC, FUS, REPAIR TOE
7611	FACIAL BONE BIOPSY	7760	LOC EXC BONE LESION NOS
7619	FACIAL BONE DX PROC NEC	7761	EXC CHEST CAGE BONE LES
762	DESTRUCT FACIAL BONE LES	7762	LOC EXC BONE LES HUMERUS
7631	PARTIAL MANDIBULECTOMY	7763	LOC EXC LES RADIUS/ULNA
7639	PART FACIAL OSTECTOM NEC	7764	LOC EXC LES METACAR/CAR
7641	TOT MANDIBULEC W RECONST	7765	LOC EXC BONE LES FEMUR
7642	TOTAL MANDIBULECTOMY NEC	7766	LOC EXC BONE LES PATELLA
7643	MANDIBULAR RECONST NEC	7767	LOC EXC LES TIBIA/FIBULA
7644	TOT FACE OSTECT W RECONS	7768	LOC EXC LES METATAR/TAR
7645	TOT FACE BONE OSTECT NEC	7769	LOC EXC BONE LESION NEC
7646	FACIAL BONE RECONSTR NEC	7770	EXCISE BONE FOR GRFT NOS
765	TEMPOROMAND ARTHROPLASTY	7771	EX CHEST CAGE BONE-GFT
7661	CL OSTEOPLASTY MAND RAMI	7772	EXCISE HUMERUS FOR GRAFT
7662	OPEN OSTEOPLAS MAND RAMI	7773	EXCIS RADIUS/ULNA-GRAFT
7663	OSTEOPLASTY MANDIBLE BDY	7774	EXCIS METACAR/CAR-GRAFT
7664	MAND ORTHOGNATHIC OP NEC	7775	EXCISE FEMUR FOR GRAFT
7665	SEG OSTEOPLASTY MAXILLA	7776	EXCISE PATELLA FOR GRAFT
7666	TOT OSTEOPLASTY MAXILLA	7777	EXCISE TIB/FIB FOR GRAFT
7667	REDUCTION GENIOPLASTY	7778	EXCIS METATAR/TAR-GRAFT
7668	AUGMENTATION GENIOPLASTY	7779	EXCISE BONE FOR GFT NEC
7669	FACIAL BONE REPAIR NEC	7780	OTH PART OSTECTOMY NOS
7670	REDUCTION FACIAL FX NOS	7781	OTH CHEST CAGE OSTECTOMY

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7782	PARTIAL HUMERECTOMY NEC	7865	REMOVE IMP DEVICE-FEMUR
7783	PART OSTECT-RADIUS/ULNA	7866	REMOV IMP DEVICE-PATELLA
7784	PART OSTECT-METACAR/CAR	7867	REMOV IMP DEV-TIB/FIBULA
7786	PARTIAL PATELLECTOMY	7868	REMOVE IMP DEV-METAT/TAR
7787	PART OSTECT-TIBIA/FIBULA	7869	REMOVE IMPL DEVICE NEC
7788	PART OSTECT-METATAR/TAR	7870	OSTEOCLASIS NOS
7789	PARTIAL OSTECTOMY NEC	7871	OSTEOCLASIS-CHEST CAGE
7790	TOTAL OSTECTOMY NOS	7872	OSTEOCLASIS-HUMERUS
7791	TOT CHEST CAGE OSTECTOMY	7873	OSTEOCLASIS-RADIUS/ULNA
7792	TOTAL OSTECTOMY-HUMERUS	7874	OSTEOCLASIS-METACAR/CAR
7793	TOT OSTECT-RADIUS/ULNA	7876	OSTEOCLASIS-PATELLA
7794	TOT OSTECT-METACARP/CARP	7877	OSTEOCLASIS-TIBIA/FIBULA
7796	TOTAL PATELLECTOMY	7878	OSTEOCLASIS-METATAR/TAR
7797	TOT OSTECT-TIBIA/FIBULA	7879	OSTEOCLASIS NEC
7798	TOT OSTECT-METATARS/TARS	7884	OTH DX PROC-METACAR/CAR
7799	TOTAL OSTECTOMY NEC	7890	INSERT BONE STIMUL NOS
7800	BONE GRAFT NOS	7891	INSERT BONE STIMUL-CHEST
7801	BONE GRAFT TO CHEST CAGE	7892	INSERT BONE STIM-HUMERUS
7802	BONE GRAFT TO HUMERUS	7893	INSER BONE STIM-RAD/ULNA
7803	BONE GRAFT-RADIUS/ULNA	7894	INSER BONE STIM-META/CAR
7804	BONE GRFT TO METACAR/CAR	7896	INSERT BONE STIM-PATELLA
7806	BONE GRAFT TO PATELLA	7897	INSER BONE STIM-TIB/FIB
7807	BONE GRAFT-TIBIA/FIBULA	7898	INSER BONE STIM-META/TAR
7808	BONE GRAFT-METATAR/TAR	7899	INSERT BONE STIMUL NEC
7809	BONE GRAFT NEC	7910	CL FX REDUC-INT FIX NOS
7810	PERIOSTEAL SUTURE NOS	7911	CLOS RED-INT FIX HUMERUS
7811	PERIOST SUT-CHEST CAGE	7912	CL RED-INT FIX RAD/ULNA
7812	PERIOSTEAL SUT-HUMERUS	7913	CL RED-INT FIX METAC/CAR
7813	PERIOST SUT-RADIUS/ULNA	7914	CLOSE RED-INT FIX FINGER
7814	PERIOST SUT-METACAR/CAR	7916	CL RED-INT FIX TIB/FIBU
7816	PERIOSTEAL SUTUR-PATELLA	7917	CL RED-INT FIX METAT/TAR
7817	PERIOST SUT-TIBIA/FIBULA	7918	CLOSE RED-INT FIX TOE FX
7818	PERIOST SUT-METATAR/TAR	7919	CL FX REDUC-INT FIX NEC
7819	PERIOSTEAL SUTURE NEC	7920	OPEN FX REDUCTION NOS
7820	EPIPHYSEAL STAPLING NOS	7921	OPEN REDUC-HUMERUS FX
7822	EPIPHYS STAPLE-HUMERUS	7922	OPEN REDUC-RADIUS/ULN FX
7823	EPIPHYS STAPLE-RAD/ULNA	7923	OPEN REDUC-METAC/CAR FX
7824	LIMB SHORTEN METACAR/CAR	7924	OPEN REDUCTION-FINGER FX
7827	EPIPHYS STAPLE-TIB/FIBUL	7926	OPEN REDUC-TIBIA/FIB FX
7828	LIMB SHORTEN METATAR/TAR	7927	OPEN REDUC-METAT/TARS FX
7829	EPIPHYSEAL STAPLING NEC	7928	OPEN REDUCTION-TOE FX
7830	OTH BONE LNGTH CHNGE NOS	7929	OPEN FX REDUCTION NEC
7832	HUMERUS LENGTH CHANGE	7930	OPN FX RED W INT FIX NOS
7833	RADIUS/ULNA LENGTH CHNGE	7931	OPEN RED-INT FIX HUMERUS
7834	CARPAL LENGTH CHANGE	7932	OP RED-INT FIX RAD/ULNA
7837	TIBIA/FIBULA LNGTH CHNGE	7933	OP RED-INT FIX METAC/CAR
7838	TARSAL LENGTH CHANGE	7934	OPEN RED-INT FIX FINGER
7839	OTH BONE LNGTH CHNGE NEC	7936	OP RED-INT FIX TIB/FIBUL
7840	OTH BONE REPAIR/PLAST OP	7937	OP RED-INT FIX METAT/TAR
7841	OTH CHEST CAGE REP/PLAST	7938	OPEN REDUCT-INT FIX TOE
7842	OTH HUMERUS REPAIR/PLAST	7939	OPN FX RED W INT FIX NEC
7843	OTH RAD/ULN REPAIR/PLAST	7940	CLS REDUC-SEP EPIPHY NOS
7844	OTH METAC/CARP REP/PLAST	7941	CLOSE RED-HUMERUS EPIPHY
7846	OTH PATELLA REPAIR/PLAST	7942	CLS RED-RADIUS/UL EPIPHY
7847	OTH TIB/FIB REPAIR/PLAST	7946	CLS RED-TIBIA/FIB EPIPHY
7848	OTH META/TAR REPA/PLAST	7949	CLS REDUC-SEP EPIPHY NEC
7849	OTH BONE REPA/PLAST NEC	7950	OPEN RED-SEP EPIPHY NOS
7850	INT FIX W/O FX REDUC NOS	7951	OPN RED-SEP EPIPHY-HUMER
7851	INT FIXATION-CHEST CAGE	7952	OP RED-RADIUS/ULN EPIPHY
7852	INT FIXATION-HUMERUS	7956	OP RED-TIBIA/FIB EPIPHYS
7853	INT FIXATION-RADIUS/ULNA	7959	OPEN RED-SEP EPIPHY NEC
7854	INT FIXATION-METACAR/CAR	7960	OPEN FX SITE DEBRIDE NOS
7856	INTERNAL FIX-PATELLA	7961	DEBRID OPEN FX-HUMERUS
7857	INT FIXATION-TIBIA/FIBUL	7962	DEBRID OPN FX-RADIUS/ULN
7858	INT FIXATION-METATAR/TAR	7963	DEBRID OPN FX-METAC/CAR
7859	INT FIX-NO FX REDUCT NEC	7964	DEBRID OPN FX-FINGER
7860	REMOVE IMP DEVICE NOS	7966	DEBRID OPN FX-TIBIA/FIB
7861	REMOV IMP DEV-CHEST CAGE	7967	DEBRID OPN FX-METAT/TAR
7862	REMOVE IMPL DEV-HUMERUS	7968	DEBRID OPN FX-TOE
7863	REMOV IMP DEV-RADIUS/ULN	7969	OPEN FX SITE DEBRIDE NEC
7864	REMOV IMP DEV-METAC/CARP	7980	OPEN REDUC-DISLOCAT NOS

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7981	OPN REDUC DISLOC-SHOULDR	8083	DESTRUC-WRIST LESION NEC
7982	OPEN REDUC-ELBOW DISLOC	8084	DESTRUC-HAND JT LES NEC
7983	OPEN REDUC-WRIST DISLOC	8085	DESTRUCT-HIP LESION NEC
7984	OPN REDUC DISLOC-HAND	8086	DESTRUCT-KNEE LESION NEC
7986	OPEN REDUC-KNEE DISLOCAT	8087	DESTRUC-ANKLE LESION NEC
7987	OPEN REDUC-ANKLE DISLOC	8088	DESTRUC-FOOT JT LES NEC
7988	OPN REDUC DISLOC-FT/TOE	8089	DESTRUCT JOINT LES NEC
7989	OPEN REDUC-DISLOCAT NEC	8090	EXCISION OF JOINT NOS
7990	UNSPEC OP BONE INJ NOS	8091	EXCISION OF SHOULDER NEC
7991	HUMERUS INJURY OP NOS	8092	EXCISION OF ELBOW NEC
7992	RADIUS/ULNA INJ OP NOS	8093	EXCISION OF WRIST NEC
7993	METACARP/CARP INJ OP NOS	8094	EXCISION HAND JOINT NEC
7994	FINGER INJURY OP NOS	8096	EXCISION OF KNEE NEC
7996	TIBIA/FIBULA INJ OP NOS	8097	EXCISION OF ANKLE NEC
7997	METATARS/TARS INJ OP NOS	8098	EXCISION FOOT JOINT NEC
7998	TOE INJURY OPERATION NOS	8099	EXCISION OF JOINT NEC
7999	UNSPEC OP-BONE INJ NEC	8100	SPINAL FUSION NOS
8000	ARTHROT & PROS REMOV NOS	8101	ATLAS-AXIS FUSION
8001	ARTHROT/PROS REMOV-SHLDR	8102	OTHER CERVICAL FUS ANT
8002	ARTHROT/PROS REMOV-ELBOW	8103	OTHER CERVICAL FUS POST
8003	ARTHROT/PROS REMOV-WRIST	8104	DORSAL/DORSOLUM FUS ANT
8004	ARTHROT/PROS REMOV-HAND	8105	DORSAL/DORSOLUM FUS POST
8006	ARTHROT/PROS REMOV-KNEE	8106	LUMBAR/LUMBOSAC FUS ANT
8007	ARTHROT/PROS REMOV-ANKLE	8107	LUMBAR/LUMBOSAC FUS LAT
8008	ARTHROT/PROS REMOV-FOOT	8108	LUMBAR/LUMBOSAC FUS POST
8009	ARTHROT & PROS REMOV NEC	8109	REFUSION OF SPINE
8010	OTHER ARTHROTOMY NOS	8111	ANKLE FUSION
8011	OTH ARTHROTOMY-SHOULDER	8112	TRIPLE ARTHRODESIS
8012	OTH ARTHROTOMY-ELBOW	8113	SUBTALAR FUSION
8013	OTH ARTHROTOMY-WRIST	8114	MIDTARSAL FUSION
8014	OTH ARTHROTOMY-HAND/FNGR	8115	TARSOMETATARSAL FUSION
8016	OTH ARTHROTOMY-KNEE	8116	METATARSOPHALANGEAL FUS
8017	OTH ARTHROTOMY-ANKLE	8117	OTHER FUSION OF FOOT
8018	OTH ARTHROTOMY-FOOT/TOE	8120	ARTHRODESIS NOS
8019	OTHER ARTHROTOMY NEC	8122	ARTHRODESIS OF KNEE
8020	ARTHROSCOPY NOS	8123	ARTHRODESIS OF SHOULDER
8021	SHOULDER ARTHROSCOPY	8124	ARTHRODESIS OF ELBOW
8022	ELBOW ARTHROSCOPY	8125	CARPORADIAL FUSION
8023	WRIST ARTHROSCOPY	8126	METACARPOCARPAL FUSION
8024	HAND & FINGER ARTHROSCOP	8127	METACARPOPHALANGEAL FUS
8025	HIP ARTHROSCOPY	8128	INTERPHALANGEAL FUSION
8026	KNEE ARTHROSCOPY	8129	ARTHRODESIS NEC
8027	ANKLE ARTHROSCOPY	8142	FIVE-IN-ONE KNEE REPAIR
8028	FOOT & TOE ARTHROSCOPY	8143	TRIAD KNEE REPAIR
8029	ARTHROSCOPY NEC	8144	PATELLAR STABILIZATION
8040	JT STRUCTUR DIVISION NOS	8145	CRUCIATE LIG REPAIR NEC
8041	SHOULDER STRUCT DIVISION	8146	COLLATERL LIG REPAIR NEC
8042	ELBOW STRUCTURE DIVISION	8147	OTHER REPAIR OF KNEE
8043	WRIST STRUCTURE DIVISION	8149	OTHER REPAIR OF ANKLE
8044	HAND JOINT STRUCT DIVIS	8154	TOTAL KNEE REPLACEMENT
8046	KNEE STRUCTURE DIVISION	8155	REVISE KNEE REPLACEMENT
8047	ANKLE STRUCTURE DIVISION	8156	TOTAL ANKLE REPLACEMENT
8048	FOOT JOINT STRUCT DIVIS	8157	REPL JOINT OF FOOT, TOE
8049	JT STRUCTUR DIVISION NEC	8159	REVISE JOINT REPL NEC
8050	EXC/DEST INTVRT DISC NOS	8171	ARTHROPLAS METACARP WIT
8051	EXCISION INTERVERT DISC	8172	ARTHROPLASTY METACAR W/O
8059	OTH EXC/DEST INTVRT DISC	8173	TOTAL WRIST REPLACEMENT
806	EXCIS KNEE SEMILUN CARTL	8174	ARTHROPLASTY CARPAL WIT
8070	SYNOVECTOMY-SITE NOS	8175	ARTHROPLASTY CARPAL W/O
8071	SHOULDER SYNOVECTOMY	8179	OTH REPAIR HAN/FIN/WRIS
8072	ELBOW SYNOVECTOMY	8180	TOTAL SHOULDER REPLACE
8073	WRIST SYNOVECTOMY	8181	PARTIAL SHOULDER REPLACE
8074	HAND SYNOVECTOMY	8182	REP RECUR SHLDR DISLOC
8075	HIP SYNOVECTOMY	8183	SHOULDER ARTHROPLAST NEC
8076	KNEE SYNOVECTOMY	8184	TOTAL ELBOW REPLACEMENT
8077	ANKLE SYNOVECTOMY	8185	ELBOW ARTHROPLASTY NEC
8078	FOOT SYNOVECTOMY	8193	SUTUR CAPSUL/LIGAMEN ARM
8079	SYNOVECTOMY-SITE NEC	8194	SUTURE CAPSUL/LIG ANK/FT
8080	DESTRUCT JOINT LES NOS	8195	SUTUR CAPSUL/LIG LEG NEC
8081	DESTRUC-SHOULDER LES NEC	8196	OTHER REPAIR OF JOINT
8082	DESTRUC-ELBOW LESION NEC	8197	REV JT REPL UPPER EXTREM

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8198	OTHER JOINT DX PROCEDURE	8365	OTHER MUSCLE/FASC SUTURE
8199	JOINT STRUCTURE OP NEC	8371	TENDON ADVANCEMENT
8201	EXPLOR TEND SHEATH-HAND	8372	TENDON RECESSION
8202	MYOTOMY OF HAND	8373	TENDON REATTACHMENT
8203	BURSOTOMY OF HAND	8374	MUSCLE REATTACHMENT
8209	INC SOFT TISSUE HAND NEC	8375	TENDON TRNSFR/TRANSPLANT
8211	TENOTOMY OF HAND	8376	OTHER TENDON TRANSPOSIT
8212	FASCIOTOMY OF HAND	8377	MUSCLE TRNSFR/TRANSPLANT
8219	DIV SOFT TISSUE HAND NEC	8379	OTHER MUSCLE TRANSPOSIT
8221	EXC LES TEND SHEATH HAND	8381	TENDON GRAFT
8222	EXCISION HAND MUSCLE LES	8382	MUSCLE OR FASCIA GRAFT
8229	EXC LES SFT TISS HND NEC	8383	TENDON PULLEY RECONSTRUC
8231	BURSECTOMY OF HAND	8384	CLUBFOOT RELEASE NEC
8232	EXCIS HAND TEND FOR GRFT	8385	MUSC/TEND LNG CHANGE NEC
8233	HAND TENONECTOMY NEC	8386	QUADRICEPSPLASTY
8234	EXC HND MUS/FAS FOR GRFT	8387	OTHER PLASTIC OPS MUSCLE
8235	HAND FASCIECTOMY NEC	8388	OTHER PLASTIC OPS TENDON
8236	OTHER MYECTOMY OF HAND	8389	OTHER PLASTIC OPS FASCIA
8239	HAND SOFT TISSUE EXC NEC	8391	ADHESIOLYSIS MUS/TEN/FAS
8241	SUTURE TENDN SHEATH HAND	8392	INSERT SKEL MUSC STIMULA
8242	DELAY SUT FLEX TEND HAND	8393	REMOV SKEL MUSC STIMULAT
8243	DELAY SUT HAND TEND NEC	8399	MUS/TEN/FAS/BUR OP NEC
8244	SUTUR FLEX TEND HAND NEC	8400	UPPER LIMB AMPUTAT NOS
8245	SUTURE HAND TENDON NEC	8401	FINGER AMPUTATION
8246	SUTURE HAND MUSCLE/FASC	8402	THUMB AMPUTATION
8251	HAND TENDON ADVANCEMENT	8403	AMPUTATION THROUGH HAND
8252	HAND TENDON RECESSION	8404	DISARTICULATION OF WRIST
8253	HAND TENDON REATTACHMENT	8405	AMPUTATION THRU FOREARM
8254	HAND MUSCLE REATTACHMENT	8406	DISARTICULATION OF ELBOW
8255	CHNG HND MUS/TEN LNG NEC	8407	AMPUTATION THRU HUMERUS
8256	TRANSPLANT HAND TEND NEC	8408	SHOULDER DISARTICULATION
8257	TRANSPOSIT HAND TEND NEC	8409	FOREQUARTER AMPUTATION
8258	TRANSPLANT HAND MUSC NEC	8410	LOWER LIMB AMPUTAT NOS
8259	TRANSPOSIT HAND MUSC NEC	8411	TOE AMPUTATION
8261	POLLICIZATION OPERATION	8412	AMPUTATION THROUGH FOOT
8269	THUMB RECONSTRUCTION NEC	8413	DISARTICULATION OF ANKLE
8271	HAND TEND PULLEY RECONST	8414	AMPUTAT THROUGH MALLEOLI
8272	PLAST OP HND-MUS/FAS GRF	8415	BELOW KNEE AMPUTAT NEC
8279	PLAST OP HAND W GRFT NEC	8416	DISARTICULATION OF KNEE
8281	TRANSFER OF FINGER	8417	ABOVE KNEE AMPUTATION
8282	REPAIR OF CLEFT HAND	8418	DISARTICULATION OF HIP
8283	REPAIR OF MACRODACTYLY	8419	HINDQUARTER AMPUTATION
8284	REPAIR OF MALLET FINGER	8421	THUMB REATTACHMENT
8285	OTHER TENODESIS OF HAND	8422	FINGER REATTACHMENT
8286	OTHER TENOPLASTY OF HAND	8425	TOE REATTACHMENT
8289	HAND PLASTIC OP NEC	8429	REATTACHMENT NEC
8291	LYSIS OF HAND ADHESIONS	843	AMPUTATION STUMP REVIS
8299	HAND MUS/TEN/FAS/OPS NEC	8440	IMPLNT/FIT PROS LIMB NOS
8301	TENDON SHEATH EXPLORAT	8444	IMPLANT ARM PROSTHESIS
8302	MYOTOMY	8448	IMPLANT LEG PROSTHESIS
8303	BURSOTOMY	8491	AMPUTATION NOS
8309	SOFT TISSUE INCISION NEC	8499	MUSCULOSKELETAL OP NEC
8311	ACHILLOTENOTOMY	8512	OPEN BREAST BIOPSY
8313	OTHER TENOTOMY	8520	BREAST TISSU DESTRUC NOS
8314	FASCIOTOMY	8521	LOCAL EXCIS BREAST LES
8319	SOFT TISSUE DIVISION NEC	8522	QUADRANT RESECT BREAST
8329	SOFT TISSUE DX PROC NEC	8523	SUBTOTAL MASTECTOMY
8331	EXCIS LES TENDON SHEATH	8524	EXC ECTOPIC BREAST TISSU
8332	EXCIS LESION OF MUSCLE	8525	EXCISION OF NIPPLE
8339	EXC LES SOFT TISSUE NEC	8531	UNILAT REDUCT MAMMOPLAST
8341	TENDON EXCISION FOR GRFT	8532	BILAT REDUCT MAMMOPLASTY
8342	OTHER TENONECTOMY	8533	UNIL SUBQ MAMMECT-IMPLNT
8343	MUSC/FASC EXCIS FOR GRFT	8534	UNILAT SUBQ MAMMECT NEC
8344	OTHER FASCIECTOMY	8535	BIL SUBQ MAMMECT-IMPLANT
8345	OTHER MYECTOMY	8536	BILAT SUBQ MAMMECTOM NEC
8349	OTHER SOFT TISSUE EXCIS	8541	UNILAT SIMPLE MASTECTOMY
835	BURSECTOMY	8542	BILAT SIMPLE MASTECTOMY
8361	TENDON SHEATH SUTURE	8543	UNILAT EXTEN SIMP MASTEC
8362	DELAYED TENDON SUTURE	8544	BILAT EXTEND SIMP MASTEC
8363	ROTATOR CUFF REPAIR	8545	UNILAT RADICAL MASTECTOM
8364	OTHER SUTURE OF TENDON	8546	BILAT RADICAL MASTECTOMY

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8547	UNIL EXT RAD MASTECTOMY	0202	ELEVATE SKULL FX FRAGMNT
8548	BIL EXTEN RAD MASTECTOMY	0203	SKULL FLAP FORMATION
8550	AUGMENT MAMMOPLASTY NOS	0204	BONE GRAFT TO SKULL
8553	UNILAT BREAST IMPLANT	0205	SKULL PLATE INSERTION
8554	BILATERAL BREAST IMPLANT	0206	CRANIAL OSTEOPLASTY NEC
856	MASTOPEXY	0207	SKULL PLATE REMOVAL
857	TOTAL BREAST RECONSTRUCT	0211	SIMPLE SUTURE OF DURA
8582	BREAST SPLIT-THICK GRAFT	0212	BRAIN MENINGE REPAIR NEC
8583	BREAST FULL-THICK GRAFT	0213	MENINGE VESSEL LIGATION
8584	BREAST PEDICLE GRAFT	0214	CHOROID PLEXECTOMY
8585	BREAST MUSCLE FLAP GRAFT	022	VENTRICULOSTOMY
8586	TRANSPOSITION OF NIPPLE	0231	VENTRICLE SHUNT-HEAD/NECK
8587	NIPPLE REPAIR NEC	0232	VENTRI SHUNT-CIRCULA SYS
8589	MAMMOPLASTY NEC	0233	VENTRICLE SHUNT-THORAX
8593	BREAST IMPLANT REVISION	0234	VENTRICLE SHUNT-ABDOMEN
8594	BREAST IMPLANT REMOVAL	0235	VENTRI SHUNT-UNINARY SYS
8595	INSER BREAST TISSU EXPAN	0239	OTHER VENTRICULAR SHUNT
8596	REMOV BREAST TISSU EXPAN	0242	REPLACE VENTRICLE SHUNT
8599	BREAST OPERATION NEC	0243	REMOVE VENTRICLE SHUNT
8606	INSERT INFUSION PUMP	0291	LYSIS CORTICAL ADHESION
8621	EXCISION OF PILONID CYST	0292	BRAIN REPAIR
8622	EXC WOUND DEBRIDEMENT	0293	IMPLANT BRAIN STIMULATOR
864	RADICAL EXCIS SKIN LES	0294	INSERT/REPLAC SKULL TONG
8660	FREE SKIN GRAFT NOS	0299	SKULL & BRAIN OP NEC
8661	FULL-THICK HAND SKIN GRF	0301	REMOVAL FB SPINAL CANAL
8662	HAND SKIN GRAFT NEC	0302	REOPEN LAMINECTOMY SITE
8663	FULL-THICK SKIN GRFT NEC	0309	SPINAL CANAL EXPLOR NEC
8665	HETEROGRAFT TO SKIN	031	INTRASPIN NERVE ROOT DIV
8666	HOMOGRAFT TO SKIN	0321	PERCUTANEOUS CHORDOTOMY
8667	DERMAL REGEN GRAFT&	0329	OTHER CHORDOTOMY
8669	FREE SKIN GRAFT NEC	0332	SPINAL CORD/MENINGES BX
8670	PEDICLE GRAFT/FLAP NOS	0339	OTHER SPINAL DX PROC
8671	CUT & PREP PEDICLE GRAFT	034	EXCIS SPINAL CORD LESION
8672	PEDICLE GRAFT ADVANCEMEN	0351	SPINE MENINGOCELE REPAIR
8673	ATTACH PEDICLE TO HAND	0352	MYELOMENINGOCELE REPAIR
8674	ATTACH PEDICLE GRAFT NEC	0353	VERTEBRAL FX REPAIR
8675	REVISION OF PEDICLE GRFT	0359	SPINAL STRUCT REPAIR NEC
8681	REPAIR FACIAL WEAKNESS	036	SPINAL CORD ADHESIOLYSIS
8682	FACIAL RHYTIDECTOMY	0371	SUBARACH-PERITON SHUNT
8683	SIZE REDUCT PLASTIC OP	0372	SUBARACH-URETERAL SHUNT
8684	RELAXATION OF SCAR	0379	OTH SPINAL THECAL SHUNT
8685	SYNDACTYLY CORRECTION	0393	INSERT SPINAL STIMULATOR
8686	ONYCHOPLASTY	0394	REMOVE SPINAL STIMULATOR
8689	SKIN REPAIR & PLASTY NEC	0397	REVISE SPINE THECA SHUNT
8691	SKIN EXCISION FOR GRAFT	0398	REMOVE SPINE THECA SHUNT
8693	INSERT TISSUE EXPANDER	0399	SPINE CANAL STRUC OP NEC
9227	RADIOACTIVE ELEM IMPLANT	0401	ACOUSTIC NEUROTOMY
		0402	TRIGEMINAL NERV DIVISION
		0403	PERIPH NERVE DIV NEC
		0404	PERIPH NERVE INCIS NEC
		0405	GASSERIAN GANGLIONECTOMY
		0406	PERIPH GANGLIONECT NEC
		0412	OPEN PERIPH NERVE BIOPSY
		0419	PERIPH NERVE DX PROC NEC
		043	PERIPHERAL NERVE SUTURE
		045	PERIPHERAL NERVE GRAFT
		046	PERIPH NERVE TRANSPOSIT
		0471	HYPOGLOSS-FACIAL ANASTOM
		0472	ACCESSORY-FACIAL ANASTOM
		0473	ACCESS-HYPOGLOSS ANASTOM
		0474	PERIPH NERV ANASTOM NEC
		0475	POSTOP REVIS PER NERV OP
		0476	LATE REPAIR PER NERV INJ
		0479	OTHER NEUROPLASTY
		0491	NEURECTASIS
		0492	IMPLANT PERIPH STIMULAT
		0493	REMOVE PERIPH STIMULATOR
		050	SYMPATH NERVE DIVISION
		0511	SYMPATHETIC NERVE BIOPSY
		0519	SYMPATH NRV DX PROC NEC
		0521	SPHENOPALATIN GANGLIONE
DRG 488 MDC 25,			
HIV W EXTENSIVE O.R. PROC			
0112	OPEN CEREB MENINGES BX		
0114	OPEN BRAIN BIOPSY		
0115	SKULL BIOPSY		
0118	OTHER BRAIN DX PROCEDURE		
0119	OTHER SKULL DX PROCEDURE		
0121	CRANIAL SINUS I & D		
0122	REMOV INTRACRAN STIMULAT		
0123	REOPEN CRANIOTOMY SITE		
0124	OTHER CRANIOTOMY		
0125	OTHER CRANIECTOMY		
0131	INCISE CEREBRAL MENINGES		
0132	LOBOTOMY & TRACTOTOMY		
0139	OTHER BRAIN INCISION		
0141	THALAMUS OPERATIONS		
0142	GLOBUS PALLIDUS OPS		
0151	EX CEREB MENINGEAL LES		
0152	HEMISPHERECTOMY		
0153	BRAIN LOBECTOMY		
0159	OTHER BRAIN EXCISION		
016	EXCISE SKULL LESION		
0201	LINEAR CRANIECTOMY		

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0522	CERVICAL SYMPATHECTOMY	1821	PREAURICULAR SINUS EXCIS
0524	PRESACRAL SYMPATHECTOMY	1831	RAD EXCIS EXT EAR LES
0529	OTHER SYMPATHECTOMY	1839	EXCIS EXTERNAL EAR NEC
0581	SYMPATHETIC NERVE REPAIR	185	CORRECTION PROMINENT EAR
0589	SYMPATHETIC NERVE OP NEC	186	EXT AUDIT CANAL RECONSTR
059	OTHER NERVOUS SYSTEM OPS	1871	CONSTRUCTION EAR AURICLE
0609	INCIS THYROID FIELD NEC	1872	REATTACH AMPUTATED EAR
0612	OPEN THYROID GLAND BX	189	OTHER EXT EAR OPERATIONS
0613	PARATHYROID BIOPSY	190	STAPES MOBILIZATION
0619	THYR/PARATHY DX PROC NEC	1911	STAPEDECT W REPLAC INCUS
062	UNILAT THYROID LOBECTOMY	1919	STAPEDECTOMY NEC
0631	EXCISION THYROID LESION	1921	REV STAPDEC W INCUS REPL
0639	PART THYROIDECTOMY NEC	1929	STAPEDECTOMY REVIS NEC
064	COMPLETE THYROIDECTOMY	193	OSSICULAR CHAIN OP NEC
0650	SUBSTERN THYROIDECT NOS	1952	TYPE 2 TYMPANOPLASTY
0651	PART SUBSTERN THYROIDECT	1953	TYPE 3 TYMPANOPLASTY
0652	TOT SUBSTERN THYROIDECT	1954	TYPE 4 TYMPANOPLASTY
066	LINGUAL THYROID EXCISION	1955	TYPE 5 TYMPANOPLASTY
067	THYROGLOSS DUCT EXCISION	196	TYMPANOPLASTY REVISION
0681	TOTAL PARATHYROIDECTOMY	199	MIDDLE EAR REPAIR NEC
0689	OTHER PARATHYROIDECTOMY	2021	MASTOID INCISION
0691	THYROID ISTHMUS DIVISION	2022	PETRUS PYRAM AIR CEL INC
0692	THYROID VESSEL LIGATION	2023	MIDDLE EAR INCISION
0693	THYROID SUTURE	2032	MID & INNER EAR BIOPSY
0694	THYROID REIMPLANTATION	2039	MID/IN EAR DX PROC NEC
0695	PARATHYROID REIMPLANT	2041	SIMPLE MASTOIDECTOMY
0698	OTHER THYROID OPERATIONS	2042	RADICAL MASTOIDECTOMY
0699	OTHER PARATHYROID OPS	2059	MIDDLE EAR EXCISION NEC
0700	ADRENAL EXPLORATION NOS	2061	INNER EAR FENESTRATION
0701	UNILAT ADRENAL EXPLORAT	2062	REVIS INNER EAR FENESTRA
0702	BILAT ADRENAL EXPLORAT	2071	ENDOLYMPHATIC SHUNT
0712	OPEN ADRENAL GLAND BX	2072	INNER EAR INJECTION
0713	TRANSFRONT PITUITARY BX	2079	INC/EXC/DESTR IN EAR NEC
0714	TRANSPHEN PITUITARY BX	2091	TYMPANOSYMPATHECTOMY
0715	PITUITARY BIOPSY NOS	2092	MASTOIDECTOMY REVISION
0716	THYMUS BIOPSY	2093	REPAIR OVAL/ROUND WINDOW
0717	PINEAL BIOPSY	2095	ELECMAG HEAR DEV IMPLANT
0719	ENDOCRINE DX PROC NEC	2096	IMPLT COCHLEAR PROST NOS
0721	ADRENAL LESION EXCISION	2097	IMP/REP SCHAN COCH PROS
0722	UNILATERAL ADRENALECTOMY	2098	IMP/REP MCHAN COCHL PROS
0729	PART ADRENALECTOMY NEC	2099	MID-INNER EAR OPS NEC
073	BILATERAL ADRENALECTOMY	2104	ETHMOID ART LIGAT-EPIST
0741	ADRENAL INCISION	2105	MAX ART LIG FOR EPISTAX
0742	ADRENAL NERVE DIVISION	2106	EXT CAROT ART LIG-EPIST
0743	ADRENAL VESSEL LIGATION	2107	NASAL SEPT GRFT-EPISTAX
0744	ADRENAL REPAIR	214	RESECTION OF NOSE
0745	ADRENAL REIMPLANTATION	2161	DIATHER/CRYO TURBINECTOM
0749	ADRENAL OPERATION NEC	2162	TURBINATE FRACTURE
0751	PINEAL FIELD EXPLORATION	2172	OPEN REDUCTION NASAL FX
0752	PINEAL GLAND INCISION	2182	NASAL FISTULA CLOSURE
0753	PARTIAL PINEALECTOMY	2183	TOT NASAL RECONSTRUCTION
0754	TOTAL PINEALECTOMY	2212	OPEN BIOPSY NASAL SINUS
0759	PINEAL OPERATION NEC	2231	RADICAL MAXILLARY ANTROT
0761	EXC PITUIT LES-TRANSFRON	2239	EXT MAXILLARY ANTROT NEC
0762	EXC PITUIT LES-TRANSPHEN	2241	FRONTAL SINUSOTOMY
0763	PART EXCIS PITUITARY NOS	2242	FRONTAL SINUSECTOMY
0764	TOT EXC PITUIT-TRANSFRON	2250	SINUSOTOMY NOS
0765	TOT EXC PITUIT-TRANSPHEN	2251	ETHMOIDOTOMY
0768	TOTAL EXC PITUITARY NEC	2252	SPHENOIDOTOMY
0769	TOTAL EXC PITUITARY NOS	2253	MULTIPLE SINUS INCISION
0771	PITUITARY FOSSA EXPLORAT	2260	SINUSECTOMY NOS
0772	PITUITARY GLAND INCISION	2261	C-LUC EXC MAX SINUS LES
0779	PITUITARY OPERATION NEC	2262	EXC MAX SINUS LESION NEC
0780	THYMECTOMY NOS	2264	SPHENOIDECTOMY
0781	PART EXCISION OF THYMUS	2271	NASAL SINUS FISTULA CLOS
0782	TOTAL EXCISION OF THYMUS	2279	NASAL SINUS REPAIR NEC
0791	THYMUS FIELD EXPLORATION	229	OTHER NASAL SINUS OPS
0792	INCISION OF THYMUS	242	GINGIVOPLASTY
0793	REPAIR OF THYMUS	245	ALVEOLOPLASTY
0794	THYMUS TRANSPLANTATION	2502	OPEN BIOPSY OF TONGUE
0799	THYMUS OPERATION NEC	252	PARTIAL GLOSSECTOMY

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253	COMPLETE GLOSSECTOMY	3162	LARYNGEAL FISTULA CLOS
254	RADICAL GLOSSECTOMY	3163	LARYNGOSTOMY REVISION
2559	REPAIR OF TONGUE NEC	3164	LARYNGEAL FX REPAIR
2594	OTHER GLOSSOTOMY	3169	OTHER LARYNGEAL REPAIR
2599	TONGUE OPERATION NEC	3171	SUTURE OF TRACHEAL LACER
2612	OPEN BX SALIV GLAND/DUCT	3172	CLOSURE OF TRACHEOSTOMY
2641	SUTURE OF SALIV GLND LAC	3173	TRACHEA FISTULA CLOS NEC
2642	SALIVARY FISTULA CLOSURE	3174	REVISION OF TRACHEOSTOMY
2649	SALIVARY REPAIR NEC	3175	TRACHEAL RECONSTRUCTION
2699	SALIVARY OPERATION NEC	3179	OTHER TRACHEAL REPAIR
270	DRAIN FACE & MOUTH FLOOR	3191	LARYNGEAL NERV DIVISION
271	INCISION OF PALATE	3192	LYSIS TRACH/LARYNX ADHES
2721	BONY PALATE BIOPSY	3199	OTHER TRACHEAL OPERATION
2722	UVULA AND SOFT PALATE BX	3209	OTHER DESTRUC BRONC LES
2731	LOC EXC BONY PALATE LES	321	OTHER BRONCHIAL EXCISION
2732	WIDE EXC BONY PALATE LES	3221	EMPHYSEMA BLEB PLICATION
2742	WIDE EXCISION OF LIP LES	3228	ENDOSC DESTRUC LUNG LES
2749	EXCISION OF MOUTH NEC	3229	DESTROY LOC LUNG LES NEC
2753	CLOSURE OF MOUTH FISTULA	323	SEGMENTAL LUNG RESECTION
2754	REPAIR OF CLEFT LIP	324	LOBECTOMY OF LUNG
2755	FULL-THICK GRFT TO MOUTH	325	COMPLETE PNEUMONECTOMY
2756	SKIN GRAFT TO MOUTH NEC	326	RAD DISSEC THORAC STRUCT
2757	PEDICLE ATTACH TO MOUTH	329	OTHER EXCISION OF LUNG
2759	MOUTH REPAIR NEC	330	INCISION OF BRONCHUS
2761	SUTURE OF PALATE LACERAT	331	INCISION OF LUNG
2762	CLEFT PALATE CORRECTION	3324	CLOSED BRONCHIAL BIOPSY
2763	REVIS CLEFT PALAT REPAIR	3325	OPEN BRONCHIAL BIOPSY
2769	OTH PLASTIC REPAIR PALAT	3327	CLOS ENDOSCOPIC LUNG BX
2771	INCISION OF UVULA	3328	OPEN LUNG BIOPSY
2772	EXCISION OF UVULA	3329	BRONCH/LUNG DX PROC NEC
2773	REPAIR OF UVULA	3334	THORACOPLASTY
2779	OTHER UVULA OPERATIONS	3339	SURG COLLAPS OF LUNG NEC
2792	MOUTH INCISION NOS	3341	BRONCHIAL LACERAT SUTURE
2799	ORAL CAVITY OPS NEC	3342	BRONCHIAL FISTULA CLOS
280	PERITONSILLAR I & D	3343	LUNG LACERATION CLOSURE
2819	TONSIL&ADENOID DX OP NEC	3348	BRONCHIAL REPAIR NEC
283	TONSILLECTOMY/ADENOIDEC	3349	LUNG REPAIR NEC
284	EXCISION OF TONSIL TAG	335	LUNG TRANSPLANT
285	EXCISION LINGUAL TONSIL	336	COMB HEART/LUNG TRANSPLA
286	ADENOIDECTOMY	3392	BRONCHIAL LIGATION
287	HEMORR CONTRL POST T & A	3393	PUNCTURE OF LUNG
2891	INCIS TO REMOV TONSIL FB	3398	BRONCHIAL OPERATION NEC
2892	EXCIS TONSIL/ADENOID LES	3399	LUNG OPERATION NEC
2899	TONSIL/ADENOID OPS NEC	3402	EXPLORATORY THORACOTOMY
290	PHARYNGOTOMY	3403	REOPEN THORACOTOMY SITE
292	EXC BRANCHIAL CLEFT CYST	341	INCISION OF MEDIASTINUM
293	DESTRUCT PHARYNGEAL LES	3421	TRANSPLEURA THORACOSCOPY
2931	CRICOPHARYNGEAL MYOTOMY	3422	MEDIASTINOSCOPY
2932	PHARYNGEAL DIVERTICULEC	3426	OPEN MEDIASTINAL BIOPSY
2933	PHARYNGECTOMY	3427	BIOPSY OF DIAPHRAGM
2939	EXCIS/DESTR LES PHAR NEC	3428	DX PROCEDURE THORAX NEC
2951	SUTURE OF PHARYNGEAL LAC	3429	DX PROC MEDIASTINUM NEC
2952	CLOS BRANCH CLEFT FISTUL	3451	DECORTICATION OF LUNG
2953	CLOS PHARYNX FISTULA NEC	3459	OTHER PLEURAL EXCISION
2954	LYSIS PHARYNGEAL ADHES	346	SCARIFICATION OF PLEURA
2959	PHARYNGEAL REPAIR NEC	3473	CLOS THORACIC FISTUL NEC
2992	DIVIS GLOSSOPHARYNG NERV	3474	PECTUS DEFORMITY REPAIR
2999	PHARYNGEAL OPERATION NEC	3479	OTHER CHEST WALL REPAIR
3001	LARYNX CYST MARSUPIALIZ	3481	EXCISE DIAPHRAGM LESION
301	HEMILARYNGECTOMY	3482	SUTURE DIAPHRAGM LACERAT
3021	EPIGLOTTIDECTOMY	3483	CLOSE DIAPHRAGM FISTULA
3022	VOCAL CORDECTOMY	3484	OTHER DIAPHRAGM REPAIR
3029	OTHER PART LARYNGECTOMY	3485	IMPLANT DIAPHRA PACEMAKE
303	COMPLETE LARYNGECTOMY	3489	DIAPHRAGM OPERATION NEC
304	RADICAL LARYNGECTOMY	3493	REPAIR OF PLEURA
3121	MEDIASTINAL TRACHEOSTOMY	3499	THORACIC OPERATION NEC
3129	OTHER PERM TRACHEOSTOMY	3500	CLOSED VALVOTOMY NOS
313	INCIS LARYNX TRACHEA NEC	3501	CLOSED AORTIC VALVOTOMY
3145	OPN BX LARYNX OR TRACHEA	3502	CLOSED MITRAL VALVOTOMY
315	LOCAL DESTRUC TRACH LES	3503	CLOSED PULMON VALVOTOMY
3161	SUTURE OF LARYNGEAL LAC	3504	CLOSED TRICUSP VALVOTOMY

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3510	OPEN VALVULOPLASTY NOS	374	HEART & PERICARD REPAIR
3511	OPN AORTIC VALVULOPLASTY	375	HEART TRANSPLANTATION
3512	OPN MITRAL VALVULOPLASTY	3761	PULSATION BALLOON IMPLAN
3513	OPN PULMON VALVULOPLASTY	3762	IMPLANT HRT ASST SYS NEC
3514	OPN TRICUS VALVULOPLASTY	3763	REPLACE HRT ASSIST SYST
3520	REPLACE HEART VALVE NOS	3764	REMOVE HEART ASSIST SYS
3521	REPLACE AORT VALV-TISSUE	3774	INT OR REPL LEAD EPICAR
3522	REPLACE AORTIC VALVE NEC	3775	REVISION OF LEAD
3523	REPLACE MITR VALV-TISSUE	3776	REPL TV ATRI-VENT LEAD
3524	REPLACE MITRAL VALVE NEC	3777	REMOVAL OF LEAD W/O REPL
3525	REPLACE PULM VALV-TISSUE	3779	REVIS OR RELOCATE POCKET
3526	REPLACE PULMON VALVE NEC	3780	INT OR REPL PERM PACEMKR
3527	REPLACE TRIC VALV-TISSUE	3785	REPL PACEM W 1-CHAM, NON
3528	REPLACE TRICUSP VALV NEC	3786	REPL PACEM 1-CHAM, RATE
3531	PAPILLARY MUSCLE OPS	3787	REPL PACEM W DUAL-CHAM
3532	CHORDAE TENDINEAE OPS	3791	OPN CHEST CARDIAC MASSAG
3533	ANNULOPLASTY	3794	IMPLT/REPL CARDDEFIB TOT
3534	INFUNDIBULECTOMY	3795	IMPLT CARDIODEFIB LEADS
3535	TRABECUL CARNEAE CORD OP	3796	IMPLT CARDIODEFIB GENATR
3539	TISS ADJ TO VALV OPS NEC	3797	REPL CARDIODEFIB LEADS
3542	CREATE SEPTAL DEFECT	3798	REPL CARDIODEFIB GENRATR
3550	PROSTH REP HRT SEPTA NOS	3799	OTHER HEART/PERICARD OPS
3551	PROS REP ATRIAL DEF-OPN	3801	INTRACRAN VESSEL INCIS
3552	PROS REPAIR ATRIA DEF-CL	3802	HEAD/NECK VES INCIS NEC
3553	PROST REPAIR VENTRIC DEF	3803	UPPER LIMB VESSEL INCIS
3554	PROS REP ENDOCAR CUSHION	3804	INCISION OF AORTA
3560	GRFT REPAIR HRT SEPT NOS	3805	THORACIC VESSEL INC NEC
3561	GRAFT REPAIR ATRIAL DEF	3806	ABDOMEN ARTERY INCISION
3562	GRAFT REPAIR VENTRIC DEF	3807	ABDOMINAL VEIN INCISION
3563	GRFT REP ENDOCAR CUSHION	3808	LOWER LIMB ARTERY INCIS
3570	HEART SEPTA REPAIR NOS	3810	ENDARTERECTOMY NOS
3571	ATRIA SEPTA DEF REP NEC	3811	INTRACRAN ENDARTERECTOMY
3572	VENTR SEPTA DEF REP NEC	3812	HEAD & NECK ENDARTER NEC
3573	ENDOCAR CUSHION REP NEC	3813	UPPER LIMB ENDARTERECTOM
3581	TOT REPAIR TETRAL FALLOT	3814	ENDARTERECTOMY OF AORTA
3582	TOTAL REPAIR OF TAPVC	3815	THORACIC ENDARTERECTOMY
3583	TOT REP TRUNCUS ARTERIOS	3816	ABDOMINAL ENDARTERECTOMY
3584	TOT COR TRANSPOS GRT VES	3818	LOWER LIMB ENDARTERECT
3591	INTERAT VEN RETRN TRANSP	3821	BLOOD VESSEL BIOPSY
3592	CONDUIT RT VENT-PUL ART	3829	BLOOD VESSEL DX PROC NEC
3593	CONDUIT LEFT VENTR-AORTA	3830	VESSEL RESECT/ANAST NOS
3594	CONDUIT ARTIUM-PULM ART	3831	INTRACRAN VES RESEC-ANAS
3595	HEART REPAIR REVISION	3832	HEAD/NECK VES RESEC-ANAS
3596	PERC HEART VALVULOPLASTY	3833	ARM VESSEL RESECT/ANAST
3598	OTHER HEART SEPTA OPS	3834	AORTA RESECTION & ANAST
3599	OTHER HEART VALVE OPS	3835	THOR VESSEL RESECT/ANAST
3601	PTCA-1 VESSEL W/O AGENT	3836	ABD VESSEL RESECT/ANAST
3602	PTCA-1 VESSEL WITH AGNT	3837	ABD VEIN RESECT & ANAST
3603	OPEN CORONRY ANGIOPLASTY	3838	LEG ARTERY RESECT/ANAST
3605	PTCA-MULTIPLE VESSEL	3839	LEG VEIN RESECT/ANASTOM
3609	OTH REMV CORONRY ART OBS	3840	VESSEL RESECT/REPLAC NOS
3610	AORTOCORONARY BYPASS NOS	3841	INTRACRAN VES RESEC-REPL
3611	AORTOCOR BYPAS-1 COR ART	3842	HEAD/NECK VES RESEC-REPL
3612	AORTOCOR BYPAS-2 COR ART	3843	ARM VES RESECT W REPLACE
3613	AORTOCOR BYPAS-3 COR ART	3844	RESECT ABDM AORTA W REPL
3614	AORTCOR BYPAS-4+ COR ART	3845	RESECT THORAC VES W REPL
3615	1 INT MAM-COR ART BYPASS	3846	ABD ARTERY RESEC W REPLA
3616	2 INT MAM-COR ART BYPASS	3847	ABD VEIN RESECT W REPLAC
3619	HRT REVAS BYPS ANAS NEC	3848	LEG ARTERY RESEC W REPLA
362	ARTERIAL IMPLANT REVASC	3849	LEG VEIN RESECT W REPLAC
363	HEART REVASCULARIZAT NEC	3850	VARICOSE V LIG-STRIP NOS
3691	CORON VESS ANEURYSM REP	3851	INTCRAN VAR V LIG-STRIP
3699	HEART VESSEL OP NEC	3852	HEAD/NECK VAR V LIG-STR
3710	INCISION OF HEART NOS	3853	ARM VARICOSE V LIG-STRIP
3711	CARDIOTOMY	3855	THORAC VAR V LIG-STRIP
3712	PERICARDIOTOMY	3857	ABD VARICOS V LIGA-STRIP
3724	PERICARDIAL BIOPSY	3859	LEG VARICOS V LIGA-STRIP
3731	PERICARDIECTOMY	3860	EXCISION OF VESSEL NOS
3732	HEART ANEURYSM EXCISION	3861	INTRACRAN VESSEL EXCIS
3733	EXC/DEST OTH HRT LESION	3862	HEAD/NECK VESSEL EXCIS
3734	CATH ABLATION LES HEART	3863	ARM VESSEL EXCISION

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3864	EXCISION OF AORTA	4141	SPLENIC CYST MARSUPIAL
3865	THORACIC VESSEL EXCISION	4142	EXC SPLENIC LESION/TISS
3866	ABDOMINAL ARTERY EXCIS	4143	PARTIAL SPLENECTOMY
3867	ABDOMINAL VEIN EXCISION	415	TOTAL SPLENECTOMY
3868	LEG ARTERY EXCISION	4193	EXC OF ACCESSORY SPLEEN
3869	LEG VEIN EXCISION	4194	SPLEEN TRANSPLANTATION
387	INTERRUPTION VENA CAVA	4195	REPAIR OF SPLEEN
3880	SURG VESSEL OCCLUS NEC	4199	SPLEEN OPERATION NEC
3881	OCCLUS INTRACRAN VES NEC	4201	ESOPHAGEAL WEB INCISION
3882	OCCLUS HEAD/NECK VES NEC	4209	ESOPHAGEAL INCISION NEC
3883	OCCLUDE ARM VESSEL NEC	4210	ESOPHAGOSTOMY NOS
3884	OCCLUDE AORTA NEC	4211	CERVICAL ESOPHAGOSTOMY
3885	OCCLUDE THORACIC VES NEC	4212	ESOPH POUCH EXTERIORIZAT
3886	OCCLUDE ABD ARTERY NEC	4219	EXT FISTULIZAT ESOPH NEC
3887	OCCLUDE ABD VEIN NEC	4221	ESOPHAGOSCOPY BY INCIS
3888	OCCLUDE LEG ARTERY NEC	4225	OPEN BIOPSY OF ESOPHAGUS
3889	OCCLUDE LEG VEIN NEC	4231	LOC EXCIS ESOPH DIVERTIC
390	SYSTEMIC-PULM ART SHUNT	4232	LOCAL EXCIS ESOPHAG NEC
391	INTRA-ABD VENOUS SHUNT	4239	DESTRUCT ESOPHAG LES NEC
3921	CAVAL-PULMON ART ANASTOM	4240	ESOPHAGECTOMY NOS
3922	AORTA-SUBCLV-CAROT BYPAS	4241	PARTIAL ESOPHAGECTOMY
3923	INTRATHORACIC SHUNT NEC	4242	TOTAL ESOPHAGECTOMY
3924	AORTA-RENAL BYPASS	4251	THORAC ESOPHAGUESOPHAGOS
3925	AORTA-ILIAC-FEMOR BYPASS	4252	THORAC ESOPHAGOGASTROST
3926	INTRA-ABDOMIN SHUNT NEC	4253	THORAC SM BOWEL INTERPOS
3927	DIALYSIS ARTERIOVENOSTOM	4254	THORAC ESOPHAGOENTER NEC
3928	EXTRACRAN-INTRACRAN BYPASS	4255	THORAC LG BOWEL INTERPOS
3929	VASC SHUNT & BYPASS NEC	4256	THORAC ESOPHAGOCOLOS NEC
3930	SUTURE OF VESSEL NOS	4258	THORAC INTERPOSITION NEC
3931	SUTURE OF ARTERY	4259	THORAC ESOPHAG ANAST NEC
3941	POSTOP VASC OP HEM CONTR	4261	STERN ESOPHAGUESOPHAGOST
3942	REVIS REN DIALYSIS SHUNT	4262	STERN ESOPHAGOGASTROSTOM
3943	REMOV REN DIALYSIS SHUNT	4263	STERN SM BOWEL INTERPOS
3949	VASC PROC REVISION NEC	4264	STERN ESOPHAGOENTER NEC
3951	CLIPPING OF ANEURYSM	4265	STERN LG BOWEL INTERPOS
3952	ANEURYSM REPAIR NEC	4266	STERN ESOPHAGOCOLOS NEC
3954	RE-ENTRY OPERATION	4268	STERN INTERPOSITION NEC
3955	REIMPLAN ABERR RENAL VES	4269	STERN ESOPHAG ANAST NEC
3956	REPAIR VESS W TIS PATCH	427	ESOPHAGOMYOTOMY
3957	REP VESS W SYNTH PATCH	4282	SUTURE ESOPHAGEAL LACER
3958	REPAIR VESS W PATCH NOS	4283	ESOPHAGOSTOMY CLOSURE
3959	REPAIR OF VESSEL NEC	4284	ESOPH FISTULA REPAIR NEC
397	PERIARTER SYMPATHECTOMY	4285	ESOPHAG STRICTURE REPAIR
398	VASCULAR BODY OPERATIONS	4286	PROD SUBQ TUNNEL NO ANAS
3991	FREEING OF VESSEL	4287	ESOPHAGEAL GRAFT NEC
3992	VEIN INJECT-SCLEROS AGNT	4289	ESOPHAGEAL REPAIR NEC
3993	INSERT VES-TO-VES CANNUL	4291	LIGATION ESOPH VARIX
3998	HEMORRHAGE CONTROL NOS	430	GASTROTOMY
3999	VESSEL OPERATION NEC	433	PYLOROMYOTOMY
4022	EXCISE INT MAMMARY NODE	435	PROXIMAL GASTRECTOMY
4040	RAD NECK DISSECTION NOS	436	DISTAL GASTRECTOMY
4041	UNILAT RAD NECK DISSECT	437	PART GASTREC W JEJ ANAST
4042	BILAT RAD NECK DISSECT	4381	PART GAST W JEJ TRANSPOS
4050	RAD NODE DISSECTION NOS	4389	PARTIAL GASTRECTOMY NEC
4051	RAD DISSEC AXILLARY NODE	4391	TOT GAST W INTES INTERPO
4052	RAD DISSEC PERIAORT NODE	4399	TOTAL GASTRECTOMY NEC
4053	RAD DISSECT ILIAC NODES	4400	VAGOTOMY NOS
4054	RADICAL GROIN DISSECTION	4401	TRUNCAL VAGOTOMY
4059	RAD NODE DISSECTION NEC	4402	HIGHLY SELECT VAGOTOMY
4061	THORAC DUCT CANNULATION	4403	SELECTIVE VAGOTOMY NEC
4062	THORACIC DUCT FISTULIZAT	4411	TRANSABDOMIN GASTROSCOPY
4063	CLOSE THORACIC DUCT FIST	4421	DILATE PYLORUS, INCISION
4064	LIGATE THORACIC DUCT	4429	OTHER PYLOROPLASTY
4069	THORACIC DUCT OP NEC	4431	HIGH GASTRIC BYPASS
409	LYMPH STRUCTURE OP NEC	4439	GASTROENTEROSTOMY NEC
4100	BONE MARROW TRNSPLNT NOS	4440	SUTURE PEPTIC ULCER NOS
4101	AUT BONE MARROW TRNSPLNT	4441	SUT GASTRIC ULCER SITE
4102	ALO BONE MARROW TRNSPLNT	4442	SUTURE DUODEN ULCER SITE
4103	ALLOGRFT BONE MARROW NOS	445	REVISION GASTRIC ANASTOM
412	SPLENOTOMY	4461	SUTURE GASTRIC LACERAT
4133	OPEN SPLEEN BIOPSY	4463	CLOSE GASTRIC FISTUL NEC

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4464	GASTROPEXY	4792	CLOSE APPENDICEAL FISTUL
4465	ESOPHAGOGASTROPLASTY	4799	APPENDICEAL OPS NEC
4466	CREAT ESOPHAGASTR SPHINC	480	PROCTOTOMY
4469	GASTRIC REPAIR NEC	481	PROCTOSTOMY
4491	LIGATE GASTRIC VARICES	4821	TRANSAB PROCTOSIGMOIDOSC
4492	INTRAOP GASTRIC MANIPUL	4841	SOAVE SUBMUC RECT RESECT
4499	GASTRIC OPERATION NEC	4849	PULL-THRU RECT RESEC NEC
4500	INTESTINAL INCISION NOS	485	ABD-PERINEAL RECT RESECT
4501	DUODENAL INCISION	4861	TRANS SAC RECTOSIGMOIDECT
4502	SMALL BOWEL INCISION NEC	4862	ANT RECT RESECT W COLOST
4503	LARGE BOWEL INCISION	4863	ANTERIOR RECT RESECT NEC
4515	OPEN SMALL BOWEL BIOPSY	4864	POSTERIOR RECT RESECTION
4550	INTEST SEG ISOLAT NOS	4865	DUHAMEL RECTAL RESECTION
4551	SM BOWEL SEGMENT ISOLAT	4869	RECTAL RESECTION NEC
4552	LG BOWEL SEGMENT ISOLAT	4871	SUTURE OF RECTAL LACER
4561	MULT SEG SM BOWEL EXCIS	4872	CLOSURE OF PROCTOSTOMY
4562	PART SM BOWEL RESECT NEC	4873	CLOSE RECTAL FIST NEC
4563	TOTAL REMOVAL SM BOWEL	4874	RECTORECTOSTOMY
4571	MULT SEG LG BOWEL EXCIS	4875	ABDOMINAL PROCTOPEXY
4572	CECECTOMY	4876	PROCTOPEXY NEC
4573	RIGHT HEMICOLECTOMY	4879	REPAIR OF RECTUM NEC
4574	TRANSVERSE COLON RESECT	4891	INCIS RECTAL STRICTURE
4575	LEFT HEMICOLECTOMY	4892	ANORECTAL MYOMECTOMY
4576	SIGMOIDECTOMY	4893	REPAIR PERIRECT FISTULA
4579	PART LG BOWEL EXCIS NEC	4899	RECTAL PERIRECT OP NEC
458	TOT INTRA-ABD COLECTOMY	4901	INCIS PERIANAL ABSCESS
4590	INTESTINAL ANASTOM NOS	4902	PERIANAL INCISION NEC
4591	SM-TO-SM BOWEL ANASTOM	4904	PERIANAL EXCISION NEC
4592	SM BOWEL-RECT STUMP ANAS	4951	LEFT LAT SPHINCTEROTOMY
4593	SMALL-TO-LARGE BOWEL NEC	4952	POST SPHINCTEROTOMY
4594	LG-TO-LG BOWEL ANASTOM	496	EXCISION OF ANUS
4595	ANAL ANASTOMOSIS	4971	SUTURE ANAL LACERATION
4601	SM BOWEL EXTERIORIZATION	4972	ANAL CERCLAGE
4602	RESECT EXT SEG SM BOWEL	4973	CLOSURE OF ANAL FISTULA
4603	LG BOWEL EXTERIORIZATION	4974	GRACILIS MUSC TRANSPLAN
4604	RESECT EXT SEG LG BOWEL	4991	INCISION OF ANAL SEPTUM
4610	COLOSTOMY NOS	4992	INSERT SUBQ ANAL STIMUL
4611	TEMPORARY COLOSTOMY	4993	ANAL INCISION NEC
4613	PERMANENT COLOSTOMY NEC	4994	REDUCTION ANAL PROLAPSE
4620	ILEOSTOMY NOS	4995	CONTROL ANAL HEMORRHAGE
4621	TEMPORARY ILEOSTOMY	4999	ANAL OPERATION NEC
4622	CONTINENT ILEOSTOMY	500	HEPATOTOMY
4623	PERMANENT ILEOSTOMY NEC	5012	OPEN LIVER BIOPSY
4640	INTEST STOMA REVIS NOS	5019	HEPATIC DX PROC NEC
4642	PERICOLOST HERNIA REPAIR	5021	MARSUPIALIZAT LIVER LES
4650	INTEST STOMA CLOSURE NOS	5022	PARTIAL HEPATECTOMY
4651	SM BOWEL STOMA CLOSURE	5029	DESTRUC HEPATIC LES NEC
4660	INTESTINAL FIXATION NOS	503	HEPATIC LOBECTOMY
4661	SM BOWEL-ABD WALL FIXAT	504	TOTAL HEPATECTOMY
4662	SMALL BOWEL FIXATION NEC	5051	AUXILIARY LIVER TRANSPL
4663	LG BOWEL-ABD WALL FIXAT	5059	LIVER TRANSPLANT NEC
4664	LARGE BOWEL FIXATION NEC	5061	CLOSURE LIVER LACERAT
4671	DUODENAL LACERAT SUTURE	5069	LIVER REPAIR NEC
4672	DUODENAL FISTULA CLOSURE	5102	TROCAR CHOLECYSTOSTOMY
4673	SMALL BOWEL SUTURE NEC	5103	CHOLECYSTOSTOMY NEC
4674	CLOSE SM BOWEL FIST NEC	5104	CHOLECYSTOTOMY NEC
4675	SUTURE LG BOWEL LACERAT	5113	OPEN BILIARY TRACT BX
4676	CLOSE LG BOWEL FISTULA	5119	BILIARY TR DX PROC NEC
4679	REPAIR OF INTESTINE NEC	5122	TOTAL CHOLECYSTECTOMY
4680	INTRA-AB BOWEL MANIP NOS	5123	LAP CHOLE
4681	INTRA-ABD SM BOWEL MANIP	5131	GB-TO-HEPAT DUCT ANAST
4682	INTRA-ABD LG BOWEL MANIP	5132	GB-TO-INTESTINE ANASTOM
4691	MYOTOMY OF SIGMOID COLON	5133	GB-TO-PANCREAS ANASTOM
4692	MYOTOMY OF COLON NEC	5134	GB-TO-STOMACH ANASTOMOS
4693	REVISE SM BOWEL ANASTOM	5135	GALLBLADDER ANASTOM NEC
4694	REVISE LG BOWEL ANASTOM	5136	CHOLEDOCHOENTEROSTOMY
4699	INTESTINAL OP NEC	5137	HEPATIC DUCT-GI ANASTOM
470	APPENDECTOMY	5139	BILE DUCT ANASTOMOS NEC
471	INCIDENTAL APPENDECTOMY	5141	CDE FOR CALCULUS REMOV
472	DRAIN APPENDICEAL ABSC	5142	CDE FOR OBSTRUCTION NEC
4791	APPENDICOSTOMY	5143	CHOLEDOCHOHEPAT INTUBAT

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5149	INCIS OBSTR BILE DUC NEC	5511	PYELOTOMY
5151	COMMON DUCT EXPLORATION	5524	OPEN RENAL BIOPSY
5159	BILE DUCT INCISION NEC	5529	RENAL DIAGNOST PROC NEC
5161	EXCIS CYST DUCT REMNANT	5531	RENAL LES MARSUPIALIZAT
5162	EXCIS AMPULLA OF VATER	5539	LOC DESTR RENAL LES NEC
5163	COMMON DUCT EXCIS NEC	554	PARTIAL NEPHRECTOMY
5169	BILE DUCT EXCISION NEC	5551	NEPHROURETERECTOMY
5171	SIMPLE SUT-COMMON DUCT	5552	SOLITARY KIDNEY NEPHRECT
5172	CHOLEDOCHOPLASTY	5553	REJECTED KIDNEY NEPHRECT
5179	BILE DUCT REPAIR NEC	5554	BILATERAL NEPHRECTOMY
5181	SPHINCTER OF ODDI DILAT	5561	RENAL AUTOTRANSPLANT
5182	PANCREAT SPHINCTEROTOM	5569	KIDNEY TRANSPLANT NEC
5183	PANCREAT SPHINCTEROPLAS	557	NEPHROPEXY
5189	SPHINCT OF ODDI OP NEC	5581	SUTURE KIDNEY LACERATION
5191	REPAIR GB LACERATION	5582	CLOSE NEPHROST & PYELOST
5192	CLOSURE CHOLECYSTOSTOMY	5583	CLOSE RENAL FISTULA NEC
5193	CLOS BILIARY FISTUL NEC	5584	REDUCE RENAL PEDICL TORS
5194	REVIS BILE TRACT ANASTOM	5585	SYMPHYSIOTOMY
5195	REMOVE BILE DUCT PROSTH	5586	RENAL ANASTOMOSIS
5201	CATH DRAIN-PANCREAT CYST	5587	CORRECT URETEROPELV JUNC
5209	PANCREATOTOMY NEC	5589	RENAL REPAIR NEC
5212	OPEN PANCREATIC BIOPSY	5591	RENAL DECAPSULATION
5219	PANCREATIC DX PROC NEC	5597	IMPLANT MECHANIC KIDNEY
5222	OTHER DESTRU PANCREA LES	5598	REMOV MECHANICAL KIDNEY
523	PANCREAT CYST MARSUPIALI	5599	RENAL OPERATION NEC
524	INT DRAIN PANCREAT CYST	5634	OPEN URETERAL BIOPSY
5251	PROXIMAL PANCREATECTOMY	5640	URETERECTOMY NOS
5252	DISTAL PANCREATECTOMY	5641	PARTIAL URETERECTOMY
5253	RAD SUBTOT PANCREATECTOM	5642	TOTAL URETERECTOMY
5259	PARTIAL PANCREATECT NEC	5651	FORM CUTAN ILEOURETEROST
526	TOTAL PANCREATECTOMY	5661	FORM CUTAN URETEROSTOMY
527	RAD PANCREATICODUODENECT	5662	REVIS CUTAN URETEROS NEC
5280	PANCREAT TRANSPLANT NOS	5671	URIN DIVERSION TO BOWEL
5281	REIMPLANT PANCREATIC TIS	5672	REVIS URETEROENTEROSTOMY
5282	PANCREATIC HOMOTRANSPLAN	5673	NEPHROCYSTANASTOMOSI NOS
5283	PANCREATIC HETEROTRANSPL	5674	URETERONEOCYSTOSTOMY
5292	CANNULATION PANCREA DUC	5675	TRANSURETEROURETEROSTOMY
5295	PANCREATIC REPAIR NEC	5679	URETERAL ANASTOMOSIS NEC
5296	PANCREATIC ANASTOMOSIS	5681	INTRALUM URETE ADHESIOLY
5299	PANCREATIC OPERATION NEC	5682	SUTURE URETERAL LACERAT
5359	ABD WALL HERN REPAIR NEC	5683	URETEROSTOMY CLOSURE
5361	INCIS HERNIA REPAIR-GRFT	5684	CLOSE URETER FISTULA NEC
5369	ABD HERN REPAIR-GRFT NEC	5685	URETEROPEXY
537	ABD REPAIR-DIAPHR HERNIA	5686	REMOVE URETERAL LIGATURE
5380	THOR REP-DIAPH HERN NOS	5689	REPAIR OF URETER NEC
5381	DIAPHRAGMATIC PPLICATION	5692	IMPLANT URETERAL STIMUL
5382	PARASTERN HERNIA REPAIR	5693	REPLACE URETERAL STIMUL
539	OTHER HERNIA REPAIR	5694	REMOVE URETERAL STIMULAT
540	ABDOMINAL WALL INCISION	5695	LIGATION OF URETER
5411	EXPLORATORY LAPAROTOMY	5699	URETERAL OPERATION NEC
5412	REOPEN RECENT LAP SITE	5712	CYSTOTOMY & ADHESIOLYSIS
5419	LAPAROTOMY NEC	5718	OTHER SUPRAPU CYSTOSTOMY
5423	PERITONEAL BIOPSY	5719	CYSTOTOMY NEC
5429	ABD REGION DX PROC NEC	5721	VESICOSTOMY
545	PERITONEAL ADHESIOLYSIS	5734	OPEN BLADDER BIOPSY
5461	RECLOSE POST OP DISRUPT	5741	TU ADHESIOLYSIS BLADDER
5462	DELAYED CLOS ABD WOUND	5751	EXCISION OF URACHUS
5463	ABD WALL SUTURE NEC	576	PARTIAL CYSTECTOMY
5471	REPAIR OF GASTROSCHISIS	5771	RADICAL CYSTECTOMY
5472	ABDOMEN WALL REPAIR NEC	5779	TOTAL CYSTECTOMY NEC
5473	PERITONEAL REPAIR NEC	5781	SUTURE BLADDER LACERAT
5474	OMENTAL REPAIR NEC	5783	ENTEROVESICO FIST REPAIR
5475	MESENTERIC REPAIR NEC	5784	VESIC FISTULA REPAIR NEC
5492	REMOVE FB FROM PERITON	5785	CYSTOURETHROPLASTY
5493	CREATE CUTANPERITON FIST	5786	BLADDER EXSTROPHY REPAIR
5494	CREAT PERITONEOVAS SHUNT	5787	BLADDER RECONSTRUCTION
5495	PERITONEAL INCISION	5788	BLADDER ANASTOMOSIS NEC
5501	NEPHROTOMY	5789	BLADDER REPAIR NEC
5502	NEPHROSTOMY	5793	CONTROL BLADD HEMORRHAGE
5503	PERCU NEPHROSTM W/O FRAG	5796	IMPLANT BLADDER STIMULAT
5504	PERCU NEPHROSTM W FRAG	5799	BLADDER OPERATION NEC

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5841	SUTURE URETHRAL LACERAT	6385	REMOV VAS DEFERENS VALVE
5842	URETHROSTOMY CLOSURE	6389	VAS & EPIDIDY REPAIR NEC
5843	CLOSE URETH FISTULA NEC	6392	EPIDIDYMYOTOMY
5844	URETHRAL REANASTOMOSIS	6393	SPERMATIC CORD INCISION
5845	HYP0-EPISPADIUS REPAIR	6394	SPERM CORD ADHESIOLYSIS
5846	URETH RECONSTRUCTION NEC	6395	INSERT VALVE IN VAS DEF
5847	URETHRAL MEATOPLASTY	6399	CORD/EPID/VAS OPS NEC
5849	URETHRAL REPAIR NEC	643	AMPUTATION OF PENIS
5891	PERIURETHRAL INCISION	6441	SUTURE PENILE LACERATION
5892	PERIURETHRAL EXCISION	6442	RELEASE OF CHORDEE
5893	IMPLT ARTF URIN SPHINCT	6443	CONSTRUCTION OF PENIS
5900	RETROPERIT DISSECT NOS	6444	RECONSTRUCTION OF PENIS
5901	URETEROLYS FOR FIBROSIS	6445	REPLANTATION OF PENIS
5902	PERIREN ADHESIOLYS NEC	6449	PENILE REPAIR NEC
5909	PERIREN/URETER INCIS NEC	645	SEX TRANSFORMAT OP NEC
5911	PERIVESICAL ADHESIOLYSIS	6492	INCISION OF PENIS
5919	PERIVESICAL INCISION NEC	6493	DIVISION OF PENILE ADHES
5921	PERIREN/URETERAL BIOPSY	650	OOPHOROTOMY
5929	PERIREN/URET DX PROC NEC	6511	OVARIAN ASPIRAT BIOPSY
593	URETHROVES JUNCT PPLICAT	6512	OVARIAN BIOPSY NEC
594	SUPRAPUBIC SLING OP	6519	OVARIAN DX PROCEDURE NEC
595	RETROPUBIC URETH SUSPENS	6521	OVARIAN CYST MARSUPIALIZ
596	PARAURETHRAL SUSPENSION	6522	OVARIAN WEDGE RESECTION
5971	LEVATOR MUSC SUSPENSION	6529	LOCAL DESTR OVA LES NEC
5991	PERIREN/VESICLE EXCISION	653	UNILATERAL OOPHORECTOMY
5992	PERIREN/VESICLE OP NEC	654	UNILAT SALPINGO-OOPHOREC
600	INCISION OF PROSTATE	6551	REMOVE BOTH OVARIES
6012	OPEN PROSTATIC BIOPSY	6552	REMOVE SOLITARY OVARY
6014	OPEN SEMINAL VESICLES BX	6562	REMOVE SOLITARY TUBE/OVA
6015	PERIPROSTATIC BIOPSY	6571	SIMPLE SUTURE OF OVARY
6018	PROSTATIC DX PROCED NEC	6572	OVARIAN REIMPLANTATION
6019	SEMIN VES DX PROCED NEC	6573	SALPINGO-OOPHOROPLASTY
602	TRANSURETHRAL PROSTATECT	6579	REPAIR OF OVARY NEC
603	SUPRAPUBIC PROSTATECTOMY	658	TUBO-OVARIAN ADHESIOLYS
604	RETROPUBIC PROSTATECTOMY	6591	ASPIRATION OF OVARY
605	RADICAL PROSTATECTOMY	6592	TRANSPLANTATION OF OVARY
6061	LOS EXCIS PROSTATIC LES	6593	MANUAL RUPT OVARIAN CYST
6062	PERINEAL PROSTATECTOMY	6594	OVARIAN DENERVATION
6069	PROSTATECTOMY NEC	6595	OVARIAN TORSION RELEASE
6072	SEMINAL VESICLE INCISION	6599	OVARIAN OPERATION NEC
6073	SEMINAL VESICLE EXCISION	660	SALPINGOTOMY
6079	SEMINAL VESICLE OP NEC	6601	SALPINGOTOMY
6081	PERIPROSTATIC INCISION	6602	SALPINGOSTOMY
6082	PERIPROSTATIC EXCISION	6611	FALLOPIAN TUBE BIOPSY
6093	REPAIR OF PROSTATE	6619	FALLOP TUBE DX PROC NEC
6094	CONTROL POSTOP PROST HEM	664	TOTAL UNILAT SALPINGECT
6095	TRANS BAL DIL PROS URETH	6651	REMOVE BOTH FALLOP TUBES
6099	PROSTATIC OPERATION NEC	6652	REMOVE SOLITARY FAL TUBE
6142	SCROTAL FISTULA REPAIR	6661	DESTROY FALLOP TUBE LES
6149	SCROTUM/TUNIC REPAIR NEC	6662	REMOV TUBE & ECTOP PREG
6192	EXCISION TUNICA LES NEC	6663	BILAT PART SALPINGEC NOS
6199	SCROTUM & TUNICA OP NEC	6669	PARTIAL SALPINGECTOM NEC
620	INCISION OF TESTES	6671	SIMPL SUTURE FALLOP TUBE
6212	OPEN TESTICULAR BIOPSY	6672	SALPINGO-OOPHOROSTOMY
6219	TESTES DX PROCEDURE NEC	6673	SALPINGO-SALPINGOSTOMY
622	TESTICULAR LES DESTRUCT	6674	SALPINGO-UTEROSTOMY
623	UNILATERAL ORCHIECTOMY	6679	FALLOP TUBE REPAIR NEC
6241	REMOVE BOTH TESTES	6693	IMPL FALLOP TUBE PROSTH
6242	REMOVE SOLITARY TESTIS	6694	REMOV FALLOP TUBE PROSTH
625	ORCHIOPEXY	6695	BLOW THERAPEUT INTO TUBE
6261	SUTURE TESTICULAR LACER	6696	FALLOPIAN TUBE DILATION
6269	TESTICULAR REPAIR NEC	6697	BURY FIMBRIAE IN UTERUS
627	INSERT TESTICULAR PROSTH	6699	FALLOPIAN TUBE OP NEC
6299	TESTICULAR OPERATION NEC	674	AMPUTATION OF CERVIX
634	EPIDIDYMECTOMY	675	INT CERVICAL OS REPAIR
6351	SUTURE CORD & EPID LACER	6761	SUTURE CERVICAL LACERAT
6353	TRANSPLANT SPERMAT CORD	6762	CERVICAL FISTULA REPAIR
6359	CORD & EPIDID REPAIR NEC	6769	CERVICAL REPAIR NEC
6381	SUTURE VAS & EPIDID LAC	680	HYSTEROTOMY
6382	POSTOP VAS RECONSTRUCT	6813	OPEN UTERINE BIOPSY
6383	EPIDIDYMOVASOSTOMY	6814	OPEN UTERINE LIGAMENT BX

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6819	UTERUS/ADNEX DX PROC NEC	7642	TOTAL MANDIBULECTOMY NEC
6821	ENDOMET SYNECHIAE DIVIS	7643	MANDIBULAR RECONST NEC
6822	INCISION UTERINE SEPTUM	7644	TOT FACE OSTECT W RECONS
683	SUBTOT ABD HYSTERECTOMY	7645	TOT FACE BONE OSTECT NEC
684	TOTAL ABD HYSTERECTOMY	7646	FACIAL BONE RECONSTR NEC
686	RADICAL ABD HYSTERECTOMY	765	TEMPOROMAND ARTHROPLASTY
687	RADICAL VAG HYSTERECTOMY	7661	CL OSTEOPLASTY MAND RAMI
688	PELVIC EVISCERATION	7662	OPEN OSTEOPLAS MAND RAMI
689	HYSTERECTOMY NEC NOS	7663	OSTEOPLASTY MANDIBLE BDY
6902	D & C POST DELIVERY	7664	MAND ORTHOGNATHIC OP NEC
6919	DESTRUC UTER SUPPORT NEC	7665	SEG OSTEOPLASTY MAXILLA
6921	INTERPOSIT OP UTERIN LIG	7666	TOT OSTEOPLASTY MAXILLA
6922	UTERINE SUSPENSION NEC	7667	REDUCTION GENIOPLASTY
6923	VAG REPAIR INVERS UTERUS	7668	AUGMENTATION GENIOPLASTY
6929	UTERUS/ADNEXA REPAIR NEC	7669	FACIAL BONE REPAIR NEC
693	PARACERV UTERINE DENERV	7670	REDUCTION FACIAL FX NOS
6941	SUTURE UTERINE LACERAT	7672	OPN REDUCT MALAR/ZYGO FX
6942	CLOSURE UTERINE FISTULA	7674	OPEN REDUCT MAXILLARY FX
6949	UTERINE REPAIR NEC	7676	OPEN REDUCT MANDIBLE FX
6997	REMOVE PENETRAT CERV FB	7677	OPEN REDUCT ALVEOLAR FX
6998	UTERINE SUPPORT OP NEC	7679	OPEN REDUCT FACE FX NEC
6999	UTERINE OPERATION NEC	7691	BONE GRAFT TO FACE BONE
7012	CULDOTOMY	7692	SYN IMPLANT TO FACE BONE
7013	INTRALUM VAG ADHESIOLYS	7694	OPEN REDUCT TM DISLOCAT
704	VAGINAL OBLITERATION	7697	REMOVE INT FIX FACE BONE
7051	CYSTOCELE REPAIR	7699	FACIAL BONE/JNT OP NEC
7052	RECTOCELE REPAIR	7700	SEQUESTRECTOMY NOS
7061	VAGINAL CONSTRUCTION	7701	CHEST CAGE SEQUESTREC
7062	VAGINAL RECONSTRUCTION	7702	HUMERUS SEQUESTRECTOMY
7071	SUTURE VAGINA LACERATION	7703	RADIUS & ULNA SEQUESTREC
7072	REPAIR COLOVAGIN FISTULA	7704	METACARP/CARP SEQUESTREC
7073	REPAIR RECTOVAG FISTULA	7705	FEMORAL SEQUESTRECTOMY
7074	REP VAGINOENT FISTUL NEC	7706	PATELLAR SEQUESTRECTOMY
7075	REPAIR VAG FISTULA NEC	7707	TIBIA/FIBULA SEQUESTREC
7077	VAGINAL SUSPENS & FIXAT	7708	METATAR/TAR SEQUESTREC
7079	VAGINAL REPAIR NEC	7709	SEQUESTRECTOMY NEC
708	VAGINAL VAULT OBLITERAT	7710	OTHER BONE INCISION NOS
7091	VAGINAL OPERATION NEC	7711	OTHER CHEST CAGE INCIS
7092	CUL-DE-SAC OPERATION NEC	7712	OTHER HUMERUS INCISION
7101	VULVAR ADHESIOLYSIS	7713	OTHER RADIUS/ULNA INCIS
7122	INCISE BARTHOLIN'S GLAND	7714	OTH METACARP/CARP INCIS
7124	DESTRUC BARTHOLIN GLAND	7715	OTHER FEMORAL INCISION
7129	BARTHOLIN'S GLAND OP NEC	7716	OTHER PATELLAR INCISION
715	RADICAL VULVECTOMY	7717	OTHER TIBIA/FIBULA INCIS
7161	UNILATERAL VULVECTOMY	7718	OTH METATARS/TARS INCIS
7162	BILATERAL VULVECTOMY	7719	BONE INCIS W/O DIV NEC
7172	REPAIR VULVAR FISTULA	7720	WEDGE OSTEOTOMY NOS
718	OTHER VULVAR OPERATIONS	7721	CHEST CAGE WEDG OSTEOTOM
719	OTHER FEMALE GENITAL OPS	7722	HUMERUS WEDGE OSTEOTOMY
7394	PUBIOTOMY TO ASSIST DEL	7723	RADIUS/ULNA WEDG OSTEOTO
7399	OPS ASSISTING DELIV NEC	7724	METACAR/CAR WEDG OSTEOTO
740	CLASSICAL C-SECTION	7725	FEMORAL WEDGE OSTEOTOMY
741	LOW CERVICAL C-SECTION	7726	PATELLAR WEDGE OSTEOTOMY
742	EXTRAPERITONEAL C-SECT	7727	TIBIA/FIBUL WEDG OSTEOT
743	REMOV INTRAPERIT FETUS	7728	METATAR/TAR WEDG OSTEOT
744	CESAREAN SECTION NEC	7729	WEDGE OSTEOTOMY NEC
7491	HYSTEROTOMY TO TERMIN PG	7730	OTHER BONE DIVISION NOS
7499	CESAREAN SECTION NOS	7731	CHEST CAGE BONE DIV NEC
7536	CORRECTION FETAL DEFECT	7732	HUMERUS DIVISION NEC
7550	REPAIR OB LAC UTERUS NOS	7733	RADIUS/ULNA DIVISION NEC
7551	REPAIR OB LACERAT CERVIX	7734	METACAR/CAR DIVISION NEC
7552	REPAIR OB LAC CORP UTERI	7735	FEMORAL DIVISION NEC
7561	REPAIR OB LAC BLAD/URETH	7736	PATELLAR DIVISION NEC
7593	SURG CORR INVERT UTERUS	7737	TIBIA/FIBULA DIV NEC
7599	OBSTETRIC OPERATION NEC	7739	BONE DIVISION NEC
7601	FACIAL BONE SEQUESTRECT	7742	HUMERUS BIOPSY
7609	FACIAL BONE INCISION NEC	7743	RADIUS & ULNA BIOPSY
7619	FACIAL BONE DX PROC NEC	7744	METACARPAL/CARPAL BIOPSY
7631	PARTIAL MANDIBULECTOMY	7745	FEMORAL BIOPSY
7639	PART FACIAL OSTECTOM NEC	7746	PATELLAR BIOPSY
7641	TOT MANDIBULEC W RECONST	7747	TIBIA & FIBULA BIOPSY

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7748	METATARSAL/TARSAL BIOPSY	7835	FEMUR LENGTH CHANGE
7749	BONE BIOPSY NEC	7837	TIBIA/FIBULA LNGTH CHNGE
7756	REPAIR OF HAMMER TOE	7838	TARSAL LENGTH CHANGE
7757	REPAIR OF CLAW TOE	7839	OTH BONE LNGTH CHNGE NEC
7760	LOC EXC BONE LESION NOS	7840	OTH BONE REPAIR/PLAST OP
7761	EXC CHEST CAGE BONE LES	7841	OTH CHEST CAGE REP/PLAST
7762	LOC EXC BONE LES HUMERUS	7842	OTH HUMERUS REPAIR/PLAST
7763	LOC EXC LES RADIUS/ULNA	7843	OTH RAD/ULN REPAIR/PLAST
7764	LOC EXC LES METACAR/CAR	7844	OTH METAC/CARP REP/PLAST
7765	LOC EXC BONE LES FEMUR	7845	OTH FEMUR REPAIR/PLASTIC
7767	LOC EXC LES TIBIA/FIBULA	7846	OTH PATELLA REPAIR/PLAST
7770	EXCISE BONE FOR GRFT NOS	7847	OTH TIB/FIB REPAIR/PLAST
7771	EX CHEST CAGE BONE-GFT	7848	OTH META/TAR REPA/PLAST
7772	EXCISE HUMERUS FOR GRAFT	7849	OTH BONE REPA/PLAST NEC
7773	EXCIS RADIUS/ULNA-GRAFT	7850	INT FIX W/O FX REDUC NOS
7774	EXCIS METACAR/CAR-GRAFT	7851	INT FIXATION-CHEST CAGE
7775	EXCISE FEMUR FOR GRAFT	7852	INT FIXATION-HUMERUS
7776	EXCISE PATELLA FOR GRAFT	7853	INT FIXATION-RADIUS/ULNA
7777	EXCISE TIB/FIB FOR GRAFT	7854	INT FIXATION-METACAR/CAR
7778	EXCIS METATAR/TAR-GRAFT	7855	INTERNAL FIXATION-FEMUR
7779	EXCISE BONE FOR GFT NEC	7856	INTERNAL FIX-PATELLA
7780	OTH PART OSTECTOMY NOS	7857	INT FIXATION-TIBIA/FIBUL
7781	OTH CHEST CAGE OSTECTOMY	7858	INT FIXATION-METATAR/TAR
7782	PARTIAL HUMERECTOMY NEC	7859	INT FIX-NO FX REDUCT NEC
7783	PART OSTECT-RADIUS/ULNA	7860	REMOVE IMP DEVICE NOS
7784	PART OSTECT-METACAR/CAR	7861	REMOV IMP DEV-CHEST CAGE
7785	PART OSTECTOMY-FEMUR	7863	REMOV IMP DEV-RADIUS/ULN
7786	PARTIAL PATELLECTOMY	7864	REMOV IMP DEV-METAC/CARP
7787	PART OSTECT-TIBIA/FIBULA	7865	REMOVE IMP DEVICE-FEMUR
7789	PARTIAL OSTECTOMY NEC	7868	REMOVE IMP DEV-METAT/TAR
7790	TOTAL OSTECTOMY NOS	7870	OSTEOCLASIS NOS
7791	TOT CHEST CAGE OSTECTOMY	7871	OSTEOCLASIS-CHEST CAGE
7792	TOTAL OSTECTOMY-HUMERUS	7872	OSTEOCLASIS-HUMERUS
7793	TOT OSTECT-RADIUS/ULNA	7873	OSTEOCLASIS-RADIUS/ULNA
7794	TOT OSTECT-METACARP/CARP	7874	OSTEOCLASIS-METACAR/CAR
7795	TOT OSTECTOMY-FEMUR	7875	OSTEOCLASIS-FEMUR
7796	TOTAL PATELLECTOMY	7876	OSTEOCLASIS-PATELLA
7797	TOT OSTECT-TIBIA/FIBULA	7877	OSTEOCLASIS-TIBIA/FIBULA
7798	TOT OSTECT-METATARS/TARS	7878	OSTEOCLASIS-METATAR/TAR
7799	TOTAL OSTECTOMY NEC	7879	OSTEOCLASIS NEC
7800	BONE GRAFT NOS	7880	OTHER BONE DX PROC NOS
7801	BONE GRAFT TO CHEST CAGE	7881	OTH DX PROCED-CHEST CAGE
7802	BONE GRAFT TO HUMERUS	7882	OTH DX PROCED-HUMERUS
7804	BONE GRFT TO METACAR/CAR	7883	OTH DX PROC-RADIUS/ULNA
7805	BONE GRAFT TO FEMUR	7884	OTH DX PROC-METACAR/CAR
7806	BONE GRAFT TO PATELLA	7885	OTH DX PROCED-FEMUR
7807	BONE GRAFT-TIBIA/FIBULA	7886	OTH DX PROCED-PATELLA
7808	BONE GRAFT-METATAR/TAR	7887	OTH DX PROC-TIBIA/FIBULA
7809	BONE GRAFT NEC	7888	OTH DX PROC-METATAR/TAR
7810	PERIOSTEAL SUTURE NOS	7889	OTHER BONE DX PROC NEC
7811	PERIOST SUT-CHEST CAGE	7890	INSERT BONE STIMUL NOS
7812	PERIOSTEAL SUT-HUMERUS	7891	INSERT BONE STIMUL-CHEST
7813	PERIOST SUT-RADIUS/ULNA	7892	INSERT BONE STIM-HUMERUS
7814	PERIOST SUT-METACAR/CAR	7893	INSER BONE STIM-RAD/ULNA
7815	PERIOSTEAL SUTURE-FEMUR	7894	INSER BONE STIM-META/CAR
7816	PERIOSTEAL SUTUR-PATELLA	7895	INSERT BONE STIM-FEMUR
7817	PERIOST SUT-TIBIA/FIBULA	7896	INSERT BONE STIM-PATELLA
7818	PERIOST SUT-METATAR/TAR	7897	INSER BONE STIM-TIB/FIB
7819	PERIOSTEAL SUTURE NEC	7898	INSER BONE STIM-META/TAR
7820	EPIPHYSEAL STAPLING NOS	7899	INSERT BONE STIMUL NEC
7822	EPIPHYS STAPLE-HUMERUS	7910	CL FX REDUC-INT FIX NOS
7823	EPIPHYS STAPLE-RAD/ULNA	7911	CLOS RED-INT FIX HUMERUS
7824	LIMB SHORTEN-METACAR/CAR	7913	CL RED-INT FIX METAC/CAR
7825	EPIPHYSEAL STAPLE-FEMUR	7914	CLOSE RED-INT FIX FINGER
7827	EPIPHYS STAPLE-TIB/FIBUL	7915	CLOSED RED-INT FIX FEMUR
7828	LIMB SHORTEN-METATAR/TAR	7916	CL RED-INT FIX TIB/FIBU
7829	EPIPHYSEAL STAPLING NEC	7917	CL RED-INT FIX METAT/TAR
7830	OTH BONE LNGTH CHNGE NOS	7918	CLOSE RED-INT FIX TOE FX
7832	HUMERUS LENGTH CHANGE	7919	CL FX REDUC-INT FIX NEC
7833	RADIUS/ULNA LENGTH CHNGE	7920	OPEN FX REDUCTION NOS
7834	CARPAL LENGTH CHANGE	7921	OPEN REDUC-HUMERUS FX

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7922	OPEN REDUC-RADIUS/ULN FX	8011	OTH ARTHROTOMY-SHOULDER
7923	OPEN REDUC-METAC/CAR FX	8012	OTH ARTHROTOMY-ELBOW
7924	OPEN REDUCTION-FINGER FX	8013	OTH ARTHROTOMY-WRIST
7925	OPEN REDUCTION-FEMUR FX	8014	OTH ARTHROTOMY-HAND/FNGR
7926	OPEN REDUC-TIBIA/FIB FX	8015	OTH ARTHROTOMY-HIP
7927	OPEN REDUC-METAT/TARS FX	8016	OTH ARTHROTOMY-KNEE
7928	OPEN REDUCTION-TOE FX	8017	OTH ARTHROTOMY-ANKLE
7929	OPEN FX REDUCTION NEC	8019	OTHER ARTHROTOMY NEC
7930	OPN FX RED W INT FIX NOS	8020	ARTHROSCOPY NOS
7931	OPEN RED-INT FIX HUMERUS	8021	SHOULDER ARTHROSCOPY
7932	OP RED-INT FIX RAD/ULNA	8022	ELBOW ARTHROSCOPY
7933	OP RED-INT FIX METAC/CAR	8023	WRIST ARTHROSCOPY
7934	OPEN RED-INT FIX FINGER	8024	HAND & FINGER ARTHROSCOP
7935	OPEN REDUC-INT FIX FEMUR	8025	HIP ARTHROSCOPY
7936	OP RED-INT FIX TIB/FIBUL	8027	ANKLE ARTHROSCOPY
7937	OP RED-INT FIX METAT/TAR	8028	FOOT & TOE ARTHROSCOPY
7938	OPEN REDUCT-INT FIX TOE	8029	ARTHROSCOPY NEC
7939	OPN FX RED W INT FIX NEC	8040	JT STRUCTUR DIVISION NOS
7940	CLS REDUC-SEP EPIPHY NOS	8041	SHOULDER STRUCT DIVISION
7941	CLOSE RED-HUMERUS EPIPHY	8042	ELBOW STRUCTURE DIVISION
7942	CLS RED-RADIUS/UL EPIPHY	8043	WRIST STRUCTURE DIVISION
7945	CLOSE REDUC-FEMUR EPIPHY	8044	HAND JOINT STRUCT DIVIS
7946	CLS RED-TIBIA/FIB EPIPHY	8045	HIP STRUCTURE DIVISION
7949	CLS REDUC-SEP EPIPHY NEC	8047	ANKLE STRUCTURE DIVISION
7950	OPEN RED-SEP EPIPHY NOS	8048	FOOT JOINT STRUCT DIVIS
7951	OPN RED-SEP EPIPHY-HUMER	8049	JT STRUCTUR DIVISION NEC
7952	OP RED-RADIUS/ULN EPIPHY	8050	EXC/DEST INTVRT DISC NOS
7955	OPN RED-SEP EPIPHY-FEMUR	8051	EXCISION INTERVERT DISC
7956	OP RED-TIBIA/FIB EPIPHYS	8059	OTH EXC/DEST INTVRT DISC
7959	OPEN RED-SEP EPIPHY NEC	8070	SYNOVECTOMY-SITE NOS
7960	OPEN FX SITE DEBRIDE NOS	8071	SHOULDER SYNOVECTOMY
7961	DEBRID OPEN FX-HUMERUS	8072	ELBOW SYNOVECTOMY
7962	DEBRID OPN FX-RADIUS/ULN	8073	WRIST SYNOVECTOMY
7963	DEBRID OPN FX-METAC/CAR	8074	HAND SYNOVECTOMY
7964	DEBRID OPN FX-FINGER	8075	HIP SYNOVECTOMY
7965	DEBRID OPN FX-FEMUR	8077	ANKLE SYNOVECTOMY
7966	DEBRID OPN FX-TIBIA/FIB	8078	FOOT SYNOVECTOMY
7967	DEBRID OPN FX-METAT/TAR	8079	SYNOVECTOMY-SITE NEC
7968	DEBRID OPN FX-TOE	8080	DESTRUCT JOINT LES NOS
7969	OPEN FX SITE DEBRIDE NEC	8081	DESTRUC-SHOULDER LES NEC
7980	OPEN REDUC-DISLOCAT NOS	8082	DESTRUC-ELBOW LESION NEC
7981	OPN REDUC DISLOC-SHOULDR	8083	DESTRUC-WRIST LESION NEC
7982	OPEN REDUC-ELBOW DISLOC	8084	DESTRUC-HAND JT LES NEC
7983	OPEN REDUC-WRIST DISLOC	8085	DESTRUCT-HIP LESION NEC
7984	OPN REDUC DISLOC-HAND	8087	DESTRUC-ANKLE LESION NEC
7985	OPEN REDUC-HIP DISLOCAT	8089	DESTRUCT JOINT LES NEC
7986	OPEN REDUC-KNEE DISLOCAT	8090	EXCISION OF JOINT NOS
7987	OPEN REDUC-ANKLE DISLOC	8091	EXCISION OF SHOULDER NEC
7988	OPN REDUC DISLOC-FT/TOE	8092	EXCISION OF ELBOW NEC
7989	OPEN REDUC-DISLOCAT NEC	8093	EXCISION OF WRIST NEC
7990	UNSPEC OP BONE INJ NOS	8094	EXCISION HAND JOINT NEC
7991	HUMERUS INJURY OP NOS	8095	EXCISION OF HIP NEC
7992	RADIUS/ULNA INJ OP NOS	8096	EXCISION OF KNEE NEC
7993	METACARP/CARP INJ OP NOS	8097	EXCISION OF ANKLE NEC
7994	FINGER INJURY OP NOS	8099	EXCISION OF JOINT NEC
7995	FEMUR INJURY OP NOS	8100	SPINAL FUSION NOS
7996	TIBIA/FIBULA INJ OP NOS	8101	ATLAS-AXIS FUSION
7997	METATARS/TARS INJ OP NOS	8102	OTHER CERVICAL FUS ANT
7998	TOE INJURY OPERATION NOS	8103	OTHER CERVICAL FUS POST
7999	UNSPEC OP-BONE INJ NEC	8104	DORSAL/DORSOLUM FUS ANT
8000	ARTHROT & PROS REMOV NOS	8105	DORSAL/DORSOLUM FUS POST
8001	ARTHROT/PROS REMOV-SHLDR	8106	LUMBAR/LUMBOSAC FUS ANT
8002	ARTHROT/PROS REMOV-ELBOW	8107	LUMBAR/LUMBOSAC FUS LAT
8003	ARTHROT/PROS REMOV-WRIST	8108	LUMBAR/LUMBOSAC FUS POST
8004	ARTHROT/PROS REMOV-HAND	8109	REFUSION OF SPINE
8005	ARTHROT/PROS REMOV-HIP	8111	ANKLE FUSION
8006	ARTHROT/PROS REMOV-KNEE	8112	TRIPLE ARTHRODESIS
8007	ARTHROT/PROS REMOV-ANKLE	8113	SUBTALAR FUSION
8008	ARTHROT/PROS REMOV-FOOT	8114	MIDTARSAL FUSION
8009	ARTHROT & PROS REMOV NEC	8115	TARSOMETATARSAL FUSION
8010	OTHER ARTHROTOMY NOS	8116	METATARSOPHALANGEAL FUS

ICD-9-CM Procedure Codes for Major Surgery DRGs

8117	OTHER FUSION OF FOOT	8272	PLAST OP HND-MUS/FAS GRF
8120	ARTHRODESIS NOS	8279	PLAST OP HAND W GRFT NEC
8121	ARTHRODESIS OF HIP	8281	TRANSFER OF FINGER
8122	ARTHRODESIS OF KNEE	8282	REPAIR OF CLEFT HAND
8123	ARTHRODESIS OF SHOULDER	8283	REPAIR OF MACRODUCTYL Y
8124	ARTHRODESIS OF ELBOW	8284	REPAIR OF MALLET FINGER
8125	CARPORADIAL FUSION	8285	OTHER TENODESIS OF HAND
8126	METACARPOCARPAL FUSION	8286	OTHER TENOPLASTY OF HAND
8127	METACARPOPHALANGEAL FUS	8289	HAND PLASTIC OP NEC
8128	INTERPHALANGEAL FUSION	8291	LYSIS OF HAND ADHESIONS
8129	ARTHRODESIS NEC	8299	HAND MUS/TEN/FAS/OPS NEC
8140	REPAIR OF HIP, NEC	8302	MYOTOMY
8142	FIVE-IN-ONE KNEE REPAIR	8311	ACHILLOTENOTOMY
8143	TRIAD KNEE REPAIR	8312	ADDUCTOR TENOTOMY OF HIP
8144	PATELLAR STABILIZATION	8314	FASCIOTOMY
8145	CRUCIATE LIG REPAIR NEC	8319	SOFT TISSUE DIVISION NEC
8146	COLLATERL LIG REPAIR NEC	8329	SOFT TISSUE DX PROC NEC
8147	OTHER REPAIR OF KNEE	8331	EXCIS LES TENDON SHEATH
8149	OTHER REPAIR OF ANKLE	8332	EXCIS LESION OF MUSCLE
8151	TOTAL HIP REPLACEMENT	8341	TENDON EXCISION FOR GRFT
8152	PARTIAL HIP REPLACEMENT	8342	OTHER TENONECTOMY
8153	REVISE HIP REPLACEMENT	8343	MUSC/FASC EXCIS FOR GRFT
8154	TOTAL KNEE REPLACEMENT	8344	OTHER FASCIECTOMY
8155	REVISE KNEE REPLACEMENT	8345	OTHER MYECTOMY
8156	TOTAL ANKLE REPLACEMENT	8349	OTHER SOFT TISSUE EXCIS
8159	REVISE JOINT REPL NEC	835	BURSECTOMY
8171	ARTHROPLAS METACARP WIT	8362	DELAYED TENDON SUTURE
8172	ARTHROPLASTY METACAR W/O	8363	ROTATOR CUFF REPAIR
8173	TOTAL WRIST REPLACEMENT	8364	OTHER SUTURE OF TENDON
8174	ARTHROPLASTY CARPAL WIT	8365	OTHER MUSCLE/FASC SUTURE
8175	ARTHROPLASTY CARPAL W/O	8371	TENDON ADVANCEMENT
8179	OTH REPAIR HAN/FIN/WRIS	8372	TENDON RECESSION
8180	TOTAL SHOULDER REPLACE	8373	TENDON REATTACHMENT
8181	PARTIAL SHOULDER REPLACE	8374	MUSCLE REATTACHMENT
8182	REP RECUR SHLDER DISLOC	8375	TENDON TRNSFR/TRANSPLANT
8184	TOTAL ELBOW REPLACEMENT	8376	OTHER TENDON TRANSPOSIT
8185	ELBOW ARTHROPLASTY NEC	8377	MUSCLE TRNSFR/TRANSPLANT
8193	SUTUR CAPSUL/LIGAMEN ARM	8379	OTHER MUSCLE TRANSPOSIT
8194	SUTURE CAPSUL/LIG ANK/FT	8381	TENDON GRAFT
8195	SUTUR CAPSUL/LIG LEG NEC	8382	MUSCLE OR FASCIA GRAFT
8196	OTHER REPAIR OF JOINT	8383	TENDON PULLEY RECONSTRUC
8197	REVISE JOINT REPL UP EXT	8384	CLUBFOOT RELEASE NEC
8198	OTHER JOINT DX PROCEDURE	8385	MUSC/TEND LNG CHANGE NEC
8199	JOINT STRUCTURE OP NEC	8386	QUADRICEPSPLASTY
8202	MYOTOMY OF HAND	8387	OTHER PLASTIC OPS MUSCLE
8203	BURSOTOMY OF HAND	8388	OTHER PLASTIC OPS TENDON
8212	FASCIOTOMY OF HAND	8389	OTHER PLASTIC OPS FASCIA
8219	DIV SOFT TISSUE HAND NEC	8391	ADHESIOLYSIS MUS/TEN/FAS
8222	EXCISION HAND MUSCLE LES	8392	INSERT SKEL MUSC STIMULA
8231	BURSECTOMY OF HAND	8393	REMOV SKEL MUSC STIMULAT
8232	EXCIS HAND TEND FOR GRFT	8399	MUS/TEN/FAS/BUR OP NEC
8233	HAND TENONECTOMY NEC	8400	UPPER LIMB AMPUTAT NOS
8234	EXC HND MUS/FAS FOR GRFT	8402	THUMB AMPUTATION
8235	HAND FASCIECTOMY NEC	8403	AMPUTATION THROUGH HAND
8236	OTHER MYECTOMY OF HAND	8404	DISARTICULATION OF WRIST
8239	HAND SOFT TISSUE EXC NEC	8405	AMPUTATION THRU FOREARM
8242	DELAY SUT FLEX TEND HAND	8406	DISARTICULATION OF ELBOW
8243	DELAY SUT HAND TEND NEC	8407	AMPUTATION THRU HUMERUS
8244	SUTUR FLEX TEND HAND NEC	8408	SHOULDER DISARTICULATION
8251	HAND TENDON ADVANCEMENT	8409	FOREQUARTER AMPUTATION
8252	HAND TENDON RECESSION	8410	LOWER LIMB AMPUTAT NOS
8253	HAND TENDON REATTACHMENT	8411	TOE AMPUTATION
8254	HAND MUSCLE REATTACHMENT	8412	AMPUTATION THROUGH FOOT
8255	CHNG HND MUS/TEN LNG NEC	8413	DISARTICULATION OF ANKLE
8256	TRANSPLANT HAND TEND NEC	8414	AMPUTAT THROUGH MALLEOLI
8257	TRANSPOSIT HAND TEND NEC	8415	BELOW KNEE AMPUTAT NEC
8258	TRANSPLANT HAND MUSC NEC	8416	DISARTICULATION OF KNEE
8259	TRANSPOSIT HAND MUSC NEC	8417	ABOVE KNEE AMPUTATION
8261	POLLICIZATION OPERATION	8418	DISARTICULATION OF HIP
8269	THUMB RECONSTRUCTION NEC	8419	HINDQUARTER AMPUTATION
8271	HAND TEND PULLEY RECONST	8421	THUMB REATTACHMENT

ICD-9-CM Procedure Codes for Major Surgery DRGs

8422	FINGER REATTACHMENT	DRG 491 MDC 8,
8423	FOREARM/WRIST/HAND REATT	MAJOR JOINT & LIMB REATTACHMENT PROCS
8424	UPPER ARM REATTACHMENT	OF UP EXTREM
8425	TOE REATTACHMENT	8173 TOTAL WRIST REPLACEMENT
8426	FOOT REATTACHMENT	8180 TOTAL SHOULDER REPLACE
8427	LOWER LEG/ANKLE REATTACH	8181 PARTIAL SHOULDER REPLACE
8428	THIGH REATTACHMENT	8184 TOTAL ELBOW REPLACEMENT
8429	REATTACHMENT NEC	8423 FOREARM/WRIST/HAND REATT
843	AMPUTATION STUMP REVIS	8424 UPPER ARM REATTACHMENT
8440	IMPLNT/FIT PROS LIMB NOS	
8444	IMPLANT ARM PROSTHESIS	DRG 493 MDC 7,
8448	IMPLANT LEG PROSTHESIS	LAPAROSCOPIC CHOLECYSTECTOMY W/O CDE
8491	AMPUTATION NOS	W/ CC!
8492	SEPARAT EQUAL JOIN TWIN	5123 LAP CHOLE
8493	SEPARAT UNEQUL JOIN TWIN	5124 LAP PART CHOLECYSTECTOMY#
8499	MUSCULOSKELETAL OP NEC	
8522	QUADRANT RESECT BREAST	DRG 494 MDC 7,
8524	EXC ECTOPIC BREAST TISSU	LAPAROSCOPIC CHOLECYSTECTOMY W/O CDE
8525	EXCISION OF NIPPLE	W/O CC!
8531	UNILAT REDUCT MAMMOPLAST	5123 LAP CHOLE
8532	BILAT REDUCT MAMMOPLASTY	5124 LAP PART CHOLECYSTECTOMY#
8533	UNIL SUBQ MAMMECT-IMPLNT	
8534	UNILAT SUBQ MAMMECT NEC	DRG 495 MDC ,
8535	BIL SUBQ MAMMECT-IMPLANT	LUNG TRANSPLANT!
8536	BILAT SUBQ MAMMECTOM NEC	335 LUNG TRANSPLANT
8541	UNILAT SIMPLE MASTECTOMY	3350 LUNG TRANSPLANT NOS%
8542	BILAT SIMPLE MASTECTOMY	3351 UNILAT LUNG TRANSPLANT%
8543	UNILAT EXTEN SIMP MASTEC	3352 BILAT LUNG TRANSPLANT%
8544	BILAT EXTEND SIMP MASTEC	
8545	UNILAT RADICAL MASTECTOM	DRG 496 MDC 8,
8546	BILAT RADICAL MASTECTOMY	COMBINED ANTERIOR/POSTERIOR SPINAL
8547	UNIL EXT RAD MASTECTOMY	FUSION@
8548	BIL EXTEN RAD MASTECTOMY	8102 OTHER CERVICAL FUS ANT
856	MASTOPEXY	8103 OTHER CERVICAL FUS POST
857	TOTAL BREAST RECONSTRUCT	8104 DORSAL/DORSULUM FUS ANT
8582	BREAST SPLIT-THICK GRAFT	8105 DORSAL/DORSULUM FUS POST
8583	BREAST FULL-THICK GRAFT	8106 LUMBAR/LUMBOSAC FUS ANT
8584	BREAST PEDICLE GRAFT	8108 LUMBAR/LUMBOSAC FUS POST
8585	BREAST MUSCLE FLAP GRAFT	
8586	TRANSPOSITION OF NIPPLE	DRG 497 MDC 8,
8587	NIPPLE REPAIR NEC	SPINAL FUSION W CC@
8589	MAMMOPLASTY NEC	DRG 498 MDC 8,
8593	BREAST IMPLANT REVISION	SPINAL FUSION W/O CC@
8594	BREAST IMPLANT REMOVAL	8100 SPINAL FUSION NOS
8595	INSER BREAST TISSU EXPAN	8101 ATLAS-AXIS FUSION
8596	REMOV BREAST TISSU EXPAN	8102 OTHER CERVICAL FUS ANT
8599	BREAST OPERATION NEC	8103 OTHER CERVICAL FUS POST
8606	INSERT INFUSION PUMP	8104 DORSAL/DORSULUM FUS ANT
8622	EXC WOUND DEBRIDEMENT	8105 DORSAL/DORSULUM FUS POST
864	RADICAL EXCIS SKIN LES	8106 LUMBAR/LUMBOSAC FUS ANT
8661	FULL-THICK HAND SKIN GRF	8107 LUMBAR/LUMBOSAC FUS LAT
8662	HAND SKIN GRAFT NEC	8108 LUMBAR/LUMBOSAC FUS POST
8663	FULL-THICK SKIN GRFT NEC	8109 REFUSION OF SPINE
8666	HOMOGRAFT TO SKIN	
8669	FREE SKIN GRAFT NEC	DRG 499 MDC 8,
8670	PEDICLE GRAFT/FLAP NOS	BACK & NECK PROCS EXCEPT SPINAL FUSION
8671	CUT & PREP PEDICLE GRAFT	W CC@
8672	PEDICLE GRAFT ADVANCEMEN	DRG 500 MDC 8,
8673	ATTACH PEDICLE TO HAND	BACK & NECK PROCS EXCEPT SPINAL FUSION
8674	ATTACH PEDICLE GRAFT NEC	W/O CC@
8675	REVISION OF PEDICLE GRFT	0302 REOPEN LAMINECTOMY SITE
8681	REPAIR FACIAL WEAKNESS	0309 SPINAL CANAL EXPLOR NEC
8685	SYNDACTYLY CORRECTION	031 INTRASPIN NERVE ROOT DIV
8686	ONYCHOPLASTY	0332 SPINAL CORD/MENINGES BX
8691	SKIN EXCISION FOR GRAFT	0339 OTHER SPINAL DX PROC
8693	INSERT TISSUE EXPANDER	034 EXCIS SPINAL CORD LESION
9227	RADIOACTIVE ELEM IMPLANT	0353 VERTEBRAL FX REPAIR
		0359 SPINAL STRUCT REPAIR NEC
		036 SPINAL CORD ADHESIOLYSIS
		0393 INSERT SPINAL STIMULATOR
		0394 REMOVE SPINAL STIMULATOR

ICD-9-CM Procedure Codes for Major Surgery DRGs

0397 REVISE SPINE THECA SHUNT
 0398 REMOVE SPINE THECA SHUNT
 0399 SPINE CANAL STRUC OP NEC
 8050 EXC/DEST INTVRT DISC NOS
 8051 EXCISION INTERVERT DISC
 8059 OTH TOT HIP REPLACEMENT

**DRG 501 MDC 8,
 KNEE PROCEDURES W PDX OF INFECTION W
 CC@**

**DRG 502 MDC 8,
 KNEE PROCEDURES W PDX OF INFECTION W/O
 CC@**

**DRG 503 MDC 8,
 KNEE PROCEDURES W/O PDX OF INFECTION@**

7706 PATELLAR SEQUESTRECTOMY
 7726 PATELLAR WEDGE OSTEOATOMY
 7736 PATELLAR DIVISION NEC
 7786 PARTIAL PATELLECTOMY
 7796 TOTAL PATELLECTOMY
 7806 BONE GRAFT TO PATELLA
 7816 PERIOSTEAL SUTUR-PATELLA
 7846 OTH PATELLA REPAIR/PLAST
 7856 INTERNAL FIX-PATELLA
 7876 OSTEOCLASIS-PATELLA
 7896 INSERT BONE STIM-PATELLA
 7986 OPEN REDUC-KNEE DISLOCAT
 8016 OTH ARTHROTOMY-KNEE
 8046 KNEE STRUCTURE DIVISION
 806 EXCIS KNEE SEMILUN CARTL
 8076 KNEE SYNOVECTOMY
 8096 EXCISION OF KNEE NEC
 8122 ARTHRODESIS OF KNEE
 8142 FIVE-IN-ONE KNEE REPAIR
 8143 TRIAD KNEE REPAIR
 8144 PATELLAR STABILIZATION
 8145 CRUCIATE LIG REPAIR NEC
 8146 COLLATERL LIG REPAIR NEC
 8147 OTHER REPAIR OF KNEE

**DRG 504 MDC 22
 EXTENSIVE 3RD DEG BURN W/SKIN GRAFT
 W CC&**

8582 BREAST SPLIT-THICK GRAFT&
 8583 BREAST FULL-THICK GRAFT&
 8584 BREAST PEDICLE GRAFT&
 8660 FREE SKIN GRAFT NOS&
 8661 FULL-THICK HAND SKIN GRF&
 8662 HAND SKIN GRAFT NEC&
 8663 FULL-THICK SKIN GRFT NEC&
 8665 HETEROGRAFT TO SKIN&
 8666 HOMOGRAFT TO SKIN&
 8667 DERMAL REGEN GRAFT&
 8669 FREE SKIN GRAFT NEC&
 8670 PEDICLE GRAFT/FLAP NOS&
 8671 CUT & PREP PEDICLE GRAFT&
 8672 PEDICLE GRAFT ADVANCEMEN&
 8673 PEDICLE GRAFT ADVANCEMEN&
 8674 ATTACH PEDICLE GRAFT NEC&
 8675 REVISION OF PEDICLE GRFT&
 8693 INSERT TISSUE EXPANDER&

**DRG 506 MDC22
 FULL THICK BURN W/SKIN GRAFT W CC&**

8582 BREAST SPLIT-THICK GRAFT&
 8583 BREAST FULL-THICK GRAFT&
 8584 BREAST PEDICLE GRAFT&
 8660 FREE SKIN GRAFT NOS&
 8661 FULL-THICK HAND SKIN GRF&
 8662 HAND SKIN GRAFT NEC&
 8663 FULL-THICK SKIN GRFT NEC&

8665 HETEROGRAFT TO SKIN&
 8666 HOMOGRAFT TO SKIN&
 8667 DERMAL REGEN GRAFT&
 8669 FREE SKIN GRAFT NEC&
 8670 PEDICLE GRAFT/FLAP NOS&
 8671 CUT & PREP PEDICLE GRAFT&
 8672 PEDICLE GRAFT ADVANCEMEN&
 8673 PEDICLE GRAFT ADVANCEMEN&
 8674 ATTACH PEDICLE GRAFT NEC&
 8675 REVISION OF PEDICLE GRFT&
 8693 INSERT TISSUE EXPANDER&

**DRG 507 MDC 22
 FULL THICK BURN W/SKIN GRAFT W/O CC&**

8582 BREAST SPLIT-THICK GRAFT&
 8583 BREAST FULL-THICK GRAFT&
 8584 BREAST PEDICLE GRAFT&
 8660 FREE SKIN GRAFT NOS&
 8661 FULL-THICK HAND SKIN GRF&
 8662 HAND SKIN GRAFT NEC&
 8663 FULL-THICK SKIN GRFT NEC&
 8665 HETEROGRAFT TO SKIN&
 8666 HOMOGRAFT TO SKIN&
 8667 DERMAL REGEN GRAFT&
 8669 FREE SKIN GRAFT NEC&
 8670 PEDICLE GRAFT/FLAP NOS&
 8671 CUT & PREP PEDICLE GRAFT&
 8672 PEDICLE GRAFT ADVANCEMEN&
 8673 PEDICLE GRAFT ADVANCEMEN&
 8674 ATTACH PEDICLE GRAFT NEC&
 8675 REVISION OF PEDICLE GRFT&
 8693 INSERT TISSUE EXPANDER&

ICD-9-CM Procedure Codes for Major Surgery DRGs

DRGs:

DRG 112 MDC 5, PERCUTANEOUS CARDIOVASCULAR PROCS
 DRG 115 MDC 5, PERM CARDIAC PACE IMPLANT W AMI, HEART FAILURE OR SHOCK
 DRG 115 MDC 5, PERM CARDIAC PACE IMPL W AMI, HEART FAIL OR SHOCK OR AICD LEAD OR GEN PROC@
 DRG 116 MDC 5, OTH PERM CARDIAC PACE IMPLANT, LEAD AICD, GENERATR PR
 DRG 116 MDC 5, OTH PERM CARDIAC PACE IMPLANT OR PTCA W/ CORONARY ART STENT@
 DRG 117 MDC 5, CARDIAC PACEMAKER REVISION EXC DEVICE REPLACEMENT
 DRG 118 MDC 5, CARDIAC PACEMAKER DEVICE REPLACEMENT

ICD-9-CM Procedure Codes for Invasive Vascular DRGs:

DRG 112 MDC 5, PERCUTANEOUS CARDIOVASCULAR PROCS

3596 PERC HEART VALVULOPLASTY
 3601 PTCA-1 VESSEL W/O AGENT
 3602 PTCA-1 VESSEL WITH AGENT
 3605 PTCA-MULTIPLE VESSEL
 3609 OTH REMV CORONRY ART OBS
 3734 CATH ABLATION LES HEART
 3726 CARDIAC ELECTROPHY STIM
 3727 CARDIAC MAPPING

3781 INT INSERT 1-CHAM, NON
 3782 INT INSERT 1-CHAM, RATE
 3783 INT INSERT DUAL-CHAM DEV
 3785 REPL PACEM W 1-CHAM, NON
 3786 REPL PACEM 1-CHAM, RATE
 3787 REPL PACEM W DUAL-CHAM
 3795 IMPLT CARDIODEFIB LEADS
 3796 IMPLT CARDIODEFIB GENATR
 3797 REPL CARDIODEFIB LEADS
 3798 REPL CARDIODEFIB GENATR

DRG 115 MDC 5, PERM CARDIAC PACE IMPLANT W AMI, HEART FAIL OR SHOCK

DRG 115 MDC 5, PERM CARDIAC PACE IMPL W AMI, HEART FAIL OR SHOCK OR AICD LEAD OR GEN PROC@

3770 INT INSERT PACEMAK LEAD
 3771 INT INSERT LEAD IN VENT
 3772 INT INSER LEAD ATRI-VENT
 3773 INT INSER LEAD IN ATRIUM
 3774 INT OR REPL LEAD EPICAR
 3776 REPL TV ATRI-VENT LEAD
 3780 INT OR REPL PERM PACEMKR
 3781 INT INSERT 1-CHAM, NON
 3782 INT INSERT 1-CHAM, RATE
 3783 INT INSERT DUAL-CHAM DEV
 3785 REPL PACEM W 1-CHAM, NON
 3786 REPL PACEM 1-CHAM, RATE
 3787 REPL PACEM W DUAL-CHAM
 3795 IMPLT CARDIODEFIB LEADS@
 3796 IMPLT CARDIODEFIB GENATR@
 3797 REPL CARDIODEFIB LEADS@
 3798 REPL CARDIODEFIB GENRATR@

DRG 117 MDC 5, CARDIAC PACEMAKER REVISION EXC DEVICE REPLACEMENT

3774 INT OR REPL LEAD EPICAR
 3775 REVISION OF LEAD
 3776 REPL TV ATRI-VENT LEAD
 3777 REMOVAL OF LEAD W/O REPL
 3779 REVIS OR RELOCATE POCKET
 3789 REVISE OR REMOVE PACEMAK

DRG 118 MDC 5, CARDIAC PACEMAKER DEVICE REPLACEMENT

3780 INT OR REPL PERM PACEMKR
 3785 REPL PACEM W 1-CHAM, NON
 3786 REPL PACEM 1-CHAM, RATE
 3787 REPL PACEM W DUAL-CHAM

DRG 116 MDC 5, OTH PERM CARDIAC PACE IMPLANT, LEAD ACID, GENERATR PR

DRG 116 MDC 5, OTH PERM CARDIAC PACE IMPLANT OR PTCA W/ CORONARY ART STENT@

3596 PERCUTANEOUS VALVULOPLASTY
 3601 SGL PTCA W/O THROMBO
 3602 SGL PTCA W/ THROMBO
 3605 MULT PTCA W/ OR W/O THROMBO
 3609 OTH REM CORON ART OBS
 3734 CATH ABLAT LESION HEART
 3770 INT INSERT PACEMAK LEAD
 3771 INT INSERT LEAD IN VENT
 3772 INT INSER LEAD ATRI-VENT
 3773 INT INSER LEAD IN ATRIUM
 3774 INT OR REPL LEAD EPICAR
 3776 REPL TV ATRI-VENT LEAD
 3780 INT OR REPL PERM PACEMKR

ICD-9-CM Procedure Codes for Major Surgery DRGs

ICD-9-CM Procedure Codes for Invasive Vascular Procedures

3601	PTCA-1 VESSEL W/O AGENT
3602	PTCA-1 VESSEL WITH AGNT
3605	PTCA-MULTIPLE VESSEL
3606	INSERT OF COR ART STENT%
3721	RT HEART CARDIAC CATH
3722	LEFT HEART CARDIAC CATH
3723	RT/LEFT HEART CARD CATH
8840	CONTRAST ARTERIOGRAM NOS
8841	CONTR CEREBR ARTERIOGRAM
8842	CONTRAST AORTOGRAM
8843	CONTR PULMON ARTERIOGRAM
8844	CONTR THOR ARTERIOGR NEC
8845	CONTRAST RENAL ARTERIOGR
8846	CONTRAST PLACENTOGRAM
8847	CONTR ABD ARTERIOGRM NEC
8848	CONTRAST ARTERIOGRAM-LEG
8849	CONTRAST ARTERIOGRAM NEC
8850	ANGIOCARDIOGRAPHY NOS
8851	VENA CAV ANGIOCARDIOGRAM
8852	RT HEART ANGIOCARDIOGRAM
8853	LT HEART ANGIOCARDIOGRAM
8854	RT & LT HEART ANGIOCARD
8855	CORONAR ARTERIOGR-1 CATH
8856	CORONAR ARTERIOGR-2 CATH
8857	CORONARY ARTERIOGRAM NEC
8858	NEGATVE-CONTR CARDIOGRAM
8860	CONTRAST PHLEBOGRAM NOS
8861	CONTR PHLEBOGRAM-HD/NECK
8862	CONTR PHLEBOGRAM-PULMON
8863	THORAC CONTR PHLEBOG NEC
8864	PORTAL CONTR PHLEBOGRAM
8865	ABD CONTR PHLEBOGRAM NEC
8866	CONTRAST PHLEBOGRAM-LEG
8867	CONTRAST PHLEBOGRAM NEC