

## SSI Database Surgical Procedures (January 2013)

### Definition of an Operative Procedure:

- A. Occurs during a single trip to the Operating Room (may include C-section room, interventional radiology room or cardiac catheterization lab that meet FGI/AIA OR criteria), *and*
- B. Surgeon makes at least one incision through the skin or mucous membrane, including laparoscopic approach, and closes the incision primarily before the patient leaves the OR room, *and*
- C. The procedure is assigned by ICD-9-CM codes to one of the categories listed below.

Procedures to Monitor (NHSN Code)	Description	Includes	ICD-9-CM Codes
Abdominal Aortic Aneurysm (AAA)	Resection of abdominal aorta with anastomosis or replacement	AAA	38.34, 38.44, 38.64
Abdominal Hysterectomy (HYST)	Abdominal hysterectomy; includes that by laparoscope	Laparoscopic assisted, sub-total abd hyst., supracervical laparoscopic total	68.31, 68.39, 68.41, 68.49, 68.61, 68.69
Abdominal Surgery (XLAP)	Abdominal operations <u>not</u> involving the GI tract or biliary system	Exploratory laparotomy, drainage of peritoneal abscess, lysis of adhesions, diaphragmatic hernia repair	53.71-53.72, 53.75, 54.0, 54.11, 54.12, 54.19, 54.3, 54.4, 54.51, 54.59, 54.61, 54.63, 54.64, 54.71-54.75, 54.92, 54.93
Appendix Surgery - Open (APPY)	Operation of appendix (not incidental to another procedure)	Appendectomy, drainage of appendiceal abscess	47.09, 47.2, 47.91-47.92, 47.99
Appendectomy – Laparoscopic (Not separate NHSN code)	Laparoscopic removal of appendix		47.01
Bile Duct, Liver or Pancreatic Surgery (BILI)	Excision of bile ducts or operative procedures on biliary tract, liver or pancreas	Open and laparoscopic liver biopsy, wedge resection, lobectomy, repair of ducts, complete or partial removal, laparoscopic ablation of liver	50.0, 50.12, 50.14, 50.21-50.23, 50.25, 50.26, 50.29, 50.3, 50.4, 50.61, 50.69, 51.31-51.37, 51.39, 51.41-51.43, 51.49, 51.51, 51.59, 51.61-51.63, 51.69, 51.71, 51.72, 51.79, 51.81-51.83, 51.89, 51.91-

<b>Procedures to Monitor (NHSN Code)</b>	<b>Description</b>	<b>Includes</b>	<b>ICD-9-CM Codes</b>
		tissue	51.95, 51.99, 52.09, 52.12, 52.22, 52.3, 52.4, 52.51-52.53, 52.59-52.6, 52.7, 52.92, 52.95, 52.96, 52.99
Breast Surgery (BRST)	Excision of lesion or tissue of breast, including radical, modified, or quadrant resection	Reduction, mastopexy, incisional bx, reconstruction (flap, TRAM) lumpectomy	85.12, 85.20-85.23, 85.31-85.36, 85.41-85.48, 85.50, 85.55, 85.6, 85.70-85.76, 85.79
	Breast surgery that includes insertion of artificial implants	Insertion/Revision/Removal of implant, insertion of tissue expander	85.53, 85.54, 85.93-85.96
Cardiac Surgery (CARD)	Open chest procedures on the valves or septum of heart; does not include CABG, surgery on vessels, heart transplants or pacemakers	Mitral/aortic valves Maze procedure	35.00-35.04, 35.06, 35.08, 35.10-35.14, 35.20-35.28, 35.31-35.35, 35.39, 35.42, 35.50-35.51, 35.53-35.54, 35.60-35.63, 35.70-35.73, 35.81-35.84, 35.91-35.95, 35.98-35.99, 37.10-37.12, 37.31-37.33, 37.35- 37.37, 37.41, 37.49, 37.60
Carotid Endarterectomy (CEA)	Endarterectomy with thrombectomy, graft, embolectomy, bypass		38.12
Cesarean Section (CSEC)	Obstetrical delivery by Cesarean section	Excludes removal of ectopic pregnancy	74.0, 74.1, 74.2, 74.4, 74.91, 74.99
Gall Bladder Surgery – Open (CHOL)	Surgery on gall bladder	Cholecystectomy cholecystotomy	51.03-51.04, 51.13, 51.21-51.22
Cholecystectomy–Laparoscopic (Not separate NSHN code)		Partial or total laparoscopic cholecystectomy	51.23-51.24
Colon Surgery (COLO)	Incision, resection or anastomosis of the large intestine; includes large-to-small and small-to-large bowel anastomosis; does not include rectal operations (includes laparoscopic)	Large intestine: cecum, transverse, descending, sigmoid. hemicolecotomy, colostomy	17.31-17.36, 17.39, 45.03, 45.26, 45.41, 45.49, 45.52, 45.71-45.76, 45.79, 45.81-45.83, 45.92-45.95, 46.03-46.04, 46.10, 46.11, 46.13, 46.14, 46.43, 46.52, 46.75-46.76, 46.94

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Coronary Artery Bypass Graft (CBGB)  (CBGC)	Chest procedure to perform direct revascularization of the heart; both chest and donor site incisions	CABG, CAB	36.10-36.14, 36.19
	Chest incision only (internal mammary/thoracic artery)		36.15-36.17, 36.2
Craniotomy (CRAN)	Incision through the skull to excise, repair, or explore the brain; does not include taps or punctures	Open bx, removal abscess, lesion; thalamas, pituitary, pineal gland, placement of catheters thru burr holes (incl stereotactic placement)	01.12, 01.14, 01.20-01.25, 01.28, 01.29, 01.31, 01.32, 01.39, 01.41-01.42, 01.51-01.53, 01.59, 02.11-02.14, 02.91-02.93, 07.51-07.54, 07.59, 07.61-07.65, 07.68-07.69, 07.71-07.72, 07.79, 38.01, 38.11, 38.31, 38.41, 38.51, 38.61, 38.81, 39.28
Gastric Surgery (GAST)	Incision or excision of the stomach; does not include vagotomy and fundoplication	Bilroth I, II, gastric bypass, peptic ulcer subtotal or total gastrectomy	43.0, 43.42, 43.49, 43.5, 43.6, 43.7, 43.81, 43.82, 43.89, 43.91, 43.99, 44.15, 44.21, 44.29, 44.31, 44.38-44.42, 44.49, 44.5, 44.61-44.65, 44.68-44.69, 44.95-44.98
Herniorrhaphy (HER)	Repair of inguinal, femoral, umbilical, or anterior abdominal wall hernia; does not include repair of diaphragmatic or hiatal hernia		53.00-53.05, 53.10-53.17, 53.21, 53.29, 53.31, 53.39, 53.41, 53.49, 53.51, 53.59, 53.61, 53.69
	Laparoscopic		17.11-17.13, 17.21-17.24, 53.42, 53.43, 53.62, 53.63
Hip Prosthesis (HPRO)	Arthroplasty of hip	Total, partial, revision, AMBI, Austin-Moore, Endoprosthesis, Dupuy Resurfacing	00.70-00.73, 00.85-00.87, 81.51-81.53
Kidney Surgery (NEPH)	Resection or manipulation of the kidney	Nephrostomy, nephrectomy. Open bx, marsupialization, pyelotomy	55.01-55.02, 55.11-55.12, 55.24, 55.31-55.32, 55.34-55.35, 55.39-55.4, 55.51-55.52, 55.54, 55.91

<b>Procedures to Monitor (NHSN Code)</b>	<b>Description</b>	<b>Includes</b>	<b>ICD-9-CM Codes</b>
Kidney Transplant (KTP)	Transplantation of kidney		55.61, 55.69
Knee Prosthesis (KPRO)	Arthroplasty of knee	Total, revision	00.80-00.84, 81.54-81.55
Laminectomy (LAM)	Exploration or decompression of spinal cord through excision or incision into vertebral structures	Reopening, removal foreign body, decompression laminectomy	03.01-03.02, 03.09, 80.50-80.51, 80.53, 50.54, 80.59, 84.60-84.69, 84.80-84.85
Limb Amputation (AMP)	Total or partial amputation or disarticulation of the upper or lower limbs, including digits	Amputation, disarticulation of limb or joint	84.00-84.19, 84.91
Liver Transplant (LTP)	Transplantation of liver	Liver transplant	50.51, 50.59
Open Reduction of Fracture (FX)	Open reduction of fracture or dislocation of long bones – humerus, radius, ulna, femur, tibia, fibia	IM nailing, rodding, hip pinning Steinmann pin	79.21-79.22, 79.25-79.26, 79.31-79.32, 79.35-79.36, 79.51-79.52, 79.55-79.56
Other Joint Prosthesis (Not NHSN category)	Total or partial joint replacements other than hips and knees. Includes revisions.	Shoulder, elbow, wrist, ankle	81.73, 81.80-81.81, 81.84
Pacemaker (PACE)	Insertion, manipulation or replacement of pacemaker	Includes internal defibrillator	00.50-00.54, 17.51, 17.52, 37.70-37.77, 37.79-37.83, 37.85-37.87, 37.89, 37.94-37.99
Peripheral Vascular Bypass (PVBY)	Bypass operations on peripheral vessels Excludes A-V shunts	Fem-fem, fem-pop, fem-tib, axillary-brach, axillary-fem, fem-fem	39.29
Prostatectomy (PRST)	Suprapubic, retropubic, radical or perineal excision of prostate Does not include TURP	Prostatectomy, open bx, excision of lesion	60.12, 60.3, 60.4, 60.5, 60.61, 60.69
Small Bowel Surgery (SB)	Incision or resection of small intestine (duodenum, jejunum, ileum) does not include small to large bowel anastomosis.	colostomy, stoma, anastomosis	45.01-45.02, 45.15, 45.31-45.34, 45.51, 45.61-45.63, 45.91, 46.01-46.02, 46.20-46.24, 46.31, 46.39, 46.41, 46.51, 46.71-46.74, 46.93

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Spinal Fusion (FUSN & RFUSN)	Immobilization of spinal column Includes refusion	Fusion of cervical, dorsal, lumbar or sacral vertebrae, interbody devices such as cages, spacers	81.00-81.08, 81.30-81.39
Spleen Surgery (SPLE)	Resection or manipulation of spleen	Removal, open bx, excision lesion, marsupialization	41.2, 41.33, 41.41-41.43, 41.5, 41.93, 41.95, 41.99
Thoracic Surgery (THOR)	Noncardiac, nonvascular thoracic surgery	Pneumonectomy, lobectomy, decortication of lung; sternotomy, thoracotomy, mediastinostomy, hiatal hernia repair, Chamberlain procedure Open and thoroscopic ablation of lung tissue	32.09, 32.1, 32.20-32.23, 32.25, 32.26, 32.29, 32.30, 32.39, 32.41, 32.49, 32.50, 32.59, 32.60, 32.90, 33.0, 33.1, 33.20, 33.25, 33.28, 33.31-33.34, 33.39, 33.41-33.43, 33.48-33.49, 33.98-33.99, 34.01-34.03, 34.06, 34.1, 34.20, 34.26, 34.3, 34.4, 34.51, 34.52, 34.59, 34.6, 34.81-34.84, 34.89, 34.93, 34.99, 53.80-53.84
Thyroid/Parathyroid Surgery (THYR)	Resection or manipulation of thyroid and/or parathyroid	Partial or complete removal, open biopsy, lobectomy, lesion	06.02, 06.09, 06.12, 06.2, 06.31, 06.39, 06.4, 06.50-06.52, 06.6, 06.7, 06.81, 06.89, 06.91-06.95, 06.98-06.99
Vaginal Hysterectomy (VHYS)	Removal of uterus through vaginal or perineal incision	Includes laparoscopically assisted, laparoscopic radical, hysterocolpectomy, Schauta	68.51, 68.59, 68.71, 68.79
Ventricular Shunt (VSHN)	Ventricular shunt operations, including insertion, exploration, revision and removal of shunt	ventriculostomy, ventriculo-peritoneal shunt, ventriculo-atrial,	02.21, 02.22, 02.31-02.35, 02.39, 02.42-02.43, 54.95