Surgical Site Infection Surveillance Service (SSISS)

Protocol for surveillance of surgical site infection

Supplement

OPCS
Operating Procedure Codes

List of surgical procedures in each category with corresponding OPCS codes and minimum wound class

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OPCS 4.7 – 4.8
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Abbreviations

<table>
<thead>
<tr>
<th>NEC</th>
<th>Not elsewhere specified</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOC</td>
<td>Not otherwise classified</td>
</tr>
<tr>
<td>HFQ</td>
<td>However further qualified</td>
</tr>
</tbody>
</table>
### Procedures included in SSISS Surveillance

The SSI surveillance is targeted on selected groups of clinically similar procedures (table 1):

**Table 1. Categories of surgical procedures included in the surveillance**

<table>
<thead>
<tr>
<th>Category</th>
<th>Summary of surgical procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Abdominal hysterectomy</strong></td>
<td>Excision of uterus through an abdominal incision with or without concurrent excision of ovary and/or fallopian tube.</td>
</tr>
<tr>
<td><strong>Bile duct, liver, or pancreatic surgery</strong></td>
<td>Operative procedures on the bile duct, gall bladder, liver or pancreas, excluding cholecystectomy without exploration of the bile duct and biopsy of lesions.</td>
</tr>
<tr>
<td><strong>Breast surgery</strong></td>
<td>Breast reconstruction, mammoplasty, excision of lesion, tissue or breast including radical, modified, or quadrant resection, lumpectomy, incisional biopsy.</td>
</tr>
<tr>
<td><strong>Cardiac surgery (non-CABG)</strong></td>
<td>Open chest procedures on valves or septum of heart; excludes coronary artery bypass graft, surgery on vessels, heart transplantation, or pacemaker implantation.</td>
</tr>
<tr>
<td><strong>Cranial surgery</strong></td>
<td>Incision through the skull to excise, repair, or explore the brain, excludes taps or punctures.</td>
</tr>
<tr>
<td><strong>Cholecystectomy (non-laparoscopic)</strong></td>
<td>Partial or total excision of the gall bladder, excluding laparoscopic approach and procedures involving exploration of the bile duct.</td>
</tr>
<tr>
<td><strong>Coronary artery bypass graft</strong></td>
<td>Open chest procedure to perform direct revascularization of heart, for example, using a vein graft.</td>
</tr>
<tr>
<td><strong>Gastric surgery</strong></td>
<td>Incision, excision or anastomosis of stomach, including partial or total gastrectomy, vagotomy, pyloromyotomy, pyloroplasty and gastroenterostomy.</td>
</tr>
<tr>
<td><strong>Hip replacement</strong></td>
<td>Replacement of the hip joint including resurfacing of the joint, acetabulum replacement and revision of a previous replacement and conversion from a previous hemiarthroplasty or bone fixation.</td>
</tr>
<tr>
<td><strong>Knee replacement</strong></td>
<td>Replacement of all or part of knee joint (with or without patella resurfacing), including revision of a previous replacement. Excludes patella replacement.</td>
</tr>
<tr>
<td><strong>Large bowel surgery</strong></td>
<td>Incision, excision or anastomosis of the large bowel, including procedures which involve anastomosis of small to large bowel.</td>
</tr>
<tr>
<td><strong>Limb amputation</strong></td>
<td>Total or partial amputation or disarticulation of the upper or lower limbs, including digits</td>
</tr>
<tr>
<td><strong>Reduction of long bone fracture</strong></td>
<td>Open or closed reduction of fracture of long bones requiring surgical incision to apply internal or external fixation. Excludes replacement or open fixation of hip fracture, of small bones or intraarticular fracture.</td>
</tr>
<tr>
<td><strong>Repair of neck of femur</strong></td>
<td>Replacement of the head of femur, including revision of a previous hemiarthroplasty (but excluding conversion to total joint replacement) and reduction of a fractured neck of femur using open fixation e.g. dynamic hip screw.</td>
</tr>
<tr>
<td><strong>Small bowel surgery</strong></td>
<td>Incision, excision or anastomosis of small intestine, excluding procedures which involve anastomosis of small to large bowel.</td>
</tr>
<tr>
<td><strong>Spinal surgery</strong></td>
<td>Surgical procedures on the vertebral structures of the spine including the exploration or decompression of the spinal cord, the removal or resection of intervertebral discs, spinal fusion; and repair of fractures or deformities.</td>
</tr>
</tbody>
</table>
| **Vascular surgery** | Operative procedure involving arteries or veins includes aortic aneurysm repair, vascular grafts, and carotid, iliac, femoral or popliteal artery operations. Excludes varicose vein repair, creation of arterial shunts, coronary artery bypass graft, or procedures involving the pulmonary artery.
Categories of procedure
Each category contains a specific set of surgical procedures. Procedures eligible for inclusion in the surveillance are defined by OPCS surgical procedure codes. A particular category does not necessarily include all operations in the relevant section of the OPCS codes.

Minimally invasive procedures
Endoscopic procedures are not included in the surveillance. However, eligible procedures that are performed using minimally invasive techniques such as laparoscopic assisted bowel resections and where a surgical incision is made can be included.

Coding procedures included in the surveillance
Only codes for procedures within the chosen category of surgical procedure should be recorded. Where available the more precise four-digit code (e.g. Q07.4) should be used in preference to the three-digit code (e.g. Q07).

If OPCS codes are not routinely recorded in the patients records select from the following lists the code that most closely matches the procedure carried out. If in doubt seek the advice of surgeon, theatre staff or the clinical coding department.

Always check that the corresponding procedure appears in this list before including the patient in the surveillance.

Wound classification
The minimum wound class is shown in brackets after each main code group. However this is only indicative and may be increased as a result of events that occur pre-operatively (e.g. emergency operations, trauma) or intra-operatively (e.g. major break in aseptic technique, gross spillage from the gastrointestinal tract, presence of acute inflammation, pus or perforated viscera). Thus, the classification of wound contamination must be confirmed by the surgeon, or by checking the operation record against the definition of wound class given in the surveillance protocol.
**Abdominal Hysterectomy**

Excision of uterus through an abdominal incision with or without concurrent excision of ovary and/or fallopian tube

**Laparoscopic ‘assisted’ procedures**

These can be included in the surveillance using the following Y75 codes as a secondary code to indicate the laparoscopic approach. For example, a laparoscopic assisted wedge excision of liver would be given a primary procedure code of J02.4 and a secondary code of Y75.1.

- Y75.1 Laparoscopically assisted approach to the abdominal cavity
- Y75.2 Laparoscopic approach to the abdominal cavity not elsewhere classified.

**The minimum wound class is shown in brackets by group name**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q07.1</td>
<td>Abdominal hysterocolpectomy and excision of periuterine tissue</td>
</tr>
<tr>
<td>Q07.2</td>
<td>Abdominal hysterectomy and excision of periuterine tissue not elsewhere classified</td>
</tr>
<tr>
<td>Q07.3</td>
<td>Abdominal hysterocolpectomy not elsewhere classified</td>
</tr>
<tr>
<td>Q07.4</td>
<td>Total abdominal hysterectomy not elsewhere classified</td>
</tr>
<tr>
<td></td>
<td><em>Includes: Hysterectomy not elsewhere classified</em></td>
</tr>
<tr>
<td>Q07.5</td>
<td>Subtotal abdominal hysterectomy</td>
</tr>
<tr>
<td>Q07.6</td>
<td>Excision of accessory uterus</td>
</tr>
<tr>
<td>Q07.8</td>
<td>Other specified abdominal excision of uterus</td>
</tr>
<tr>
<td>Q07.9</td>
<td>Unspecified abdominal excision of uterus</td>
</tr>
</tbody>
</table>

**Note:** If concurrent excision of ovary and/or fallopian tube is performed during the same operation, record as a multiple procedure but do not code.
Bile duct, liver or pancreatic surgery

Operative procedures on the bile duct, gall bladder, liver or pancreas, excluding cholecystectomy without exploration of the bile duct and biopsy of lesions.

Laparoscopic ‘assisted’ procedures
These can be included in the surveillance using the following Y75 codes as a secondary code to indicate the laparoscopic approach. For example, a laparoscopic assisted wedge excision of liver would be given a primary procedure code of J02.4 and a secondary code of Y75.1.

Y75.1 Laparoscopically assisted approach to the abdominal cavity
Y75.2 Laparoscopic approach to the abdominal cavity not elsewhere classified.

Please see minimum wound class against each procedure

<table>
<thead>
<tr>
<th>J02</th>
<th>Partial excision of liver (Clean)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J02.1</td>
<td>Right hemihepatectomy</td>
</tr>
<tr>
<td>J02.2</td>
<td>Left hemihepatectomy</td>
</tr>
<tr>
<td>J02.3</td>
<td>Resection of segment of liver</td>
</tr>
<tr>
<td>J02.4</td>
<td>Wedge excision of liver</td>
</tr>
<tr>
<td>J02.5</td>
<td>Marsupialisation of lesion of liver</td>
</tr>
<tr>
<td>J02.6</td>
<td>Extended right hemihepatectomy</td>
</tr>
<tr>
<td>J02.7</td>
<td>Extended left hemihepatectomy</td>
</tr>
<tr>
<td>J02.8</td>
<td>Other specified partial excision of liver</td>
</tr>
<tr>
<td>J02.9</td>
<td>Unspecified partial excision of liver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>J03</th>
<th>Extirpation of lesion of liver (Clean)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J03.1</td>
<td>Excision of lesion of liver NEC</td>
</tr>
<tr>
<td>J03.2</td>
<td>Destruction of lesion of liver NEC</td>
</tr>
<tr>
<td>J03.3</td>
<td>Thermal ablation of single lesion of liver</td>
</tr>
<tr>
<td>J03.4</td>
<td>Thermal ablation of multiple lesions of liver</td>
</tr>
<tr>
<td>J03.5</td>
<td>Excision of multiple lesions of liver</td>
</tr>
<tr>
<td>J03.8</td>
<td>Other specified extirpation of lesion of liver</td>
</tr>
<tr>
<td>J03.9</td>
<td>Unspecified extirpation of lesion of liver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>J04</th>
<th>Repair of liver (Clean)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J04.1</td>
<td>Removal of lacerated fragment of liver</td>
</tr>
<tr>
<td>J04.2</td>
<td>Repair of laceration of liver</td>
</tr>
<tr>
<td>J04.3</td>
<td>Packing of laceration of liver</td>
</tr>
<tr>
<td>J04.8</td>
<td>Other specified repair of liver</td>
</tr>
<tr>
<td>J04.9</td>
<td>Unspecified repair of liver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>J05</th>
<th>Incision of liver (Clean)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J05.1</td>
<td>Open drainage of liver</td>
</tr>
<tr>
<td>J05.2</td>
<td>Open removal of calculus from liver</td>
</tr>
<tr>
<td>J05.8</td>
<td>Other specified incision of liver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>J18</th>
<th>Excision of gall bladder and exploration of common bile duct (Clean-contaminated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J18.1</td>
<td>Excludes: Cholecystectomy without exploration of common bile duct (J18.1, J18.3, J18.5)</td>
</tr>
<tr>
<td>J18.2</td>
<td>Total cholecystectomy and exploration of common bile duct</td>
</tr>
<tr>
<td>J18.4</td>
<td>Partial cholecystectomy and exploration of common bile duct</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>J19</th>
<th>Connection of gall bladder (Clean-contaminated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J19.1</td>
<td>Anastomosis of gall bladder to stomach</td>
</tr>
<tr>
<td>J19.2</td>
<td>Anastomosis of gall bladder to duodenum</td>
</tr>
<tr>
<td>J19.3</td>
<td>Anastomosis of gall bladder to jejunum</td>
</tr>
<tr>
<td>J19.4</td>
<td>Anastomosis of gall bladder to intestine not elsewhere classified</td>
</tr>
<tr>
<td>J19.5</td>
<td>Revision of anastomosis of gall bladder</td>
</tr>
<tr>
<td>J19.6</td>
<td>Closure of anastomosis of gall bladder</td>
</tr>
</tbody>
</table>
Please see minimum wound class against each procedure

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>J19.8</td>
<td>Other specified connection of gall bladder</td>
</tr>
<tr>
<td>J19.9</td>
<td>Unspecified connection of gall bladder</td>
</tr>
<tr>
<td>J20</td>
<td>Repair of gall bladder (Clean-contaminated)</td>
</tr>
<tr>
<td>J20.1</td>
<td>Closure of fistula of gall bladder</td>
</tr>
<tr>
<td>J20.2</td>
<td>Closure of cholecystotomy</td>
</tr>
<tr>
<td>J20.3</td>
<td>Repair of perforation of gall bladder</td>
</tr>
<tr>
<td>J20.8</td>
<td>Other specified repair of gall bladder</td>
</tr>
<tr>
<td>J20.9</td>
<td>Unspecified repair of gall bladder</td>
</tr>
<tr>
<td>J21</td>
<td>Incision of gall bladder (Clean-contaminated)</td>
</tr>
<tr>
<td>J21.1</td>
<td>Open removal of calculus from gall bladder</td>
</tr>
<tr>
<td>J21.2</td>
<td>Drainage of gall bladder</td>
</tr>
<tr>
<td>J21.3</td>
<td>Drainage of tissue surrounding gall bladder</td>
</tr>
<tr>
<td>J21.8</td>
<td>Other specified incision of gall bladder</td>
</tr>
<tr>
<td>J21.9</td>
<td>Unspecified incision of gall bladder</td>
</tr>
<tr>
<td>J23.1</td>
<td>Excision of lesion of gall bladder (Clean-contaminated)</td>
</tr>
<tr>
<td>J23.8</td>
<td>Other specified open operations on gall bladder</td>
</tr>
<tr>
<td>J23.9</td>
<td>Unspecified other open operations on gall bladder</td>
</tr>
<tr>
<td>J27</td>
<td>Excision of bile duct (Clean-contaminated)</td>
</tr>
<tr>
<td>J27.1</td>
<td>Excision of ampulla of Vater and replantation of common bile duct into duodenum</td>
</tr>
<tr>
<td>J27.2</td>
<td>Partial excision of bile duct and anastomosis of bile duct to duodenum</td>
</tr>
<tr>
<td>J27.3</td>
<td>Partial excision of bile duct and anastomosis of bile duct to jejunum</td>
</tr>
<tr>
<td>J27.4</td>
<td>Partial excision of bile duct and end to end anastomosis of bile duct</td>
</tr>
<tr>
<td>J27.5</td>
<td>Excision of extrahepatic bile ducts HFQ</td>
</tr>
<tr>
<td>J27.8</td>
<td>Other specified excision of bile duct</td>
</tr>
<tr>
<td>J27.9</td>
<td>Unspecified excision of bile duct</td>
</tr>
<tr>
<td>J28.1</td>
<td>Excision of lesion of bile duct (Clean-contaminated)</td>
</tr>
<tr>
<td>J28.2</td>
<td>Destruction of lesion of bile duct</td>
</tr>
<tr>
<td>J28.8</td>
<td>Other specified extirpation of lesion of bile duct</td>
</tr>
<tr>
<td>J28.9</td>
<td>Unspecified extirpation of lesion of bile duct</td>
</tr>
<tr>
<td>J29</td>
<td>Connection of hepatic duct (Clean-contaminated)</td>
</tr>
<tr>
<td>J29.1</td>
<td>Anastomosis of hepatic duct to transposed jejunum and insertion of tubal prosthesis HFQ</td>
</tr>
<tr>
<td>J29.2</td>
<td>Anastomosis of hepatic duct to jejunum NEC</td>
</tr>
<tr>
<td>J29.3</td>
<td>Revision of anastomosis of hepatic duct</td>
</tr>
<tr>
<td>J29.4</td>
<td>Open dilation of anastomosis of hepatic duct</td>
</tr>
<tr>
<td>J29.8</td>
<td>Other specified connection of hepatic duct</td>
</tr>
<tr>
<td>J29.9</td>
<td>Unspecified connection of hepatic duct</td>
</tr>
<tr>
<td>J30</td>
<td>Connection of common bile duct (Clean-contaminated)</td>
</tr>
<tr>
<td>J30.1</td>
<td>Anastomosis of common bile duct to duodenum</td>
</tr>
<tr>
<td>J30.2</td>
<td>Anastomosis of common bile duct to transposed jejunum</td>
</tr>
<tr>
<td>J30.3</td>
<td>Anastomosis of common bile duct to jejunum not elsewhere classified</td>
</tr>
<tr>
<td>J30.4</td>
<td>Revision of anastomosis of common bile duct</td>
</tr>
<tr>
<td>J30.5</td>
<td>Open dilation of anastomosis of common bile duct</td>
</tr>
<tr>
<td>J30.8</td>
<td>Other specified connection of common bile duct</td>
</tr>
<tr>
<td>J30.9</td>
<td>Unspecified connection of common bile duct</td>
</tr>
<tr>
<td>J31</td>
<td>Open introduction of prosthesis into bile duct (Clean-contaminated)</td>
</tr>
<tr>
<td>J31.1</td>
<td>Open insertion of tubal prosthesis into both hepatic ducts and common bile duct</td>
</tr>
<tr>
<td>J31.2</td>
<td>Open insertion of tubal prosthesis into one hepatic duct and common bile duct</td>
</tr>
<tr>
<td>J31.3</td>
<td>Open renewal of tubal prosthesis in bile duct</td>
</tr>
<tr>
<td>J31.4</td>
<td>Open removal of tubal prosthesis in bile duct</td>
</tr>
<tr>
<td>J31.8</td>
<td>Other specified open introduction of prosthesis into bile duct</td>
</tr>
<tr>
<td>J31.9</td>
<td>Unspecified open introduction of prosthesis into bile duct</td>
</tr>
</tbody>
</table>
Please see minimum wound class against each procedure

**J32**
*Repair of bile duct (Clean-contaminated)*
- J32.1 Reconstruction of bile duct
- J32.2 Reanastomosis of bile duct
  - Includes: End to end anastomosis of divided bile duct
- J32.8 Other specified repair of bile duct
- J32.9 Unspecified repair of bile duct

**J33**
*Incision of bile duct (Clean-contaminated)*
- J33.1 Open removal of calculus from bile duct and drainage of bile duct
- J33.2 Open removal of calculus from bile duct not elsewhere classified
- J33.3 Drainage of bile duct not elsewhere classified
- J33.8 Other specified incision of bile duct
- J33.9 Unspecified incision of bile duct

*Excludes: Exploration of bile duct when associated with excision of gall bladder (J18.2, J18.4)*

**J34**
*Plastic repair of sphincter of Oddi using duodenal approach (Clean-contaminated)*
*Includes: Plastic repair of sphincter of Oddi not elsewhere classified*
- J34.1 Sphincteroplasty of bile duct and pancreatic duct using duodenal approach
- J34.2 Sphincteroplasty of bile duct using duodenal approach not elsewhere classified
- J34.3 Sphincteroplasty of pancreatic duct using duodenal approach not elsewhere classified
- J34.8 Other specified plastic repair of sphincter of oddi using duodenal approach
- J34.9 Unspecified plastic repair of sphincter of oddi using duodenal approach

*Includes: Sphincteroplasty of papilla of Vater using duodenal approach and sphincteroplasty of papilla of Vater not elsewhere classified*

**J35**
*Incision of sphincter of Oddi using duodenal approach (Clean-contaminated)*
*Includes: Incision of sphincter of Oddi not elsewhere classified*
- J35.1 Sphincterotomy of bile duct and pancreatic duct using duodenal approach
- J35.2 Sphincterotomy of bile duct using duodenal approach not elsewhere classified
- J35.3 Sphincterotomy of pancreatic duct using duodenal approach not elsewhere classified
- J35.8 Other specified incision of sphincter of oddi using duodenal approach
- J35.9 Unspecified incision of sphincter of oddi using duodenal approach

*Includes: Sphincterotomy of papilla of Vater using duodenal approach and sphincterotomy of papilla of Vater not elsewhere classified*

**J36**
*Other operations on ampulla of Vater using duodenal approach (Clean-contaminated)*
*Includes: Operations on ampulla of Vater not elsewhere classified Papilla of Vater; Sphincter of Oddi*
*Excludes: Biopsy of lesion of ampulla of Vater using duodenal approach (36.2)*
- J36.8 Other specified other operations on ampulla of vata using duodenal approach
- J36.9 Unspecified operations on ampulla of vata using duodenal approach

**J55**
*Total excision of pancreas (Clean-contaminated)*
- J55.1 Total pancreatectomy and excision of surrounding tissue
- J55.2 Total pancreatectomy not elsewhere classified
- J55.3 Excision of transplanted pancreas
- J55.8 Other specified total excision of pancreas
- J55.9 Unspecified specified total excision of pancreas

**J56**
*Excision of head of pancreas (Clean-contaminated)*
- J56.1 Pancreaticoduodenectomy and excision of surrounding tissue
- J56.2 Pancreaticoduodenectomy and resection of antrum of stomach
- J56.3 Pancreaticoduodenectomy not elsewhere classified
- J56.4 Subtotal excision of head of pancreas with preservation of duodenum and drainage HFQ
- J56.8 Other specified excision of head of pancreas
- J56.9 Unspecified excision of head of pancreas

**J57**
*Other partial excision of pancreas (Clean-contaminated)*
- J57.1 Subtotal pancreatectomy
- J57.2 Left pancreatectomy and drainage of pancreatic duct
- J57.3 Left pancreatectomy not elsewhere classified
Please see minimum wound class against each procedure

J57.4 Excision of tail of pancreas and drainage of pancreatic duct
J57.5 Excision of tail of pancreas not elsewhere classified
J57.6 Pancreatic necrosectomy
J57.8 Other specified other partial excision of pancreas
J57.9 Unspecified other partial excision of pancreas
   *Includes: Pancreatectomy not elsewhere classified*

J58 Extirpation of lesion of pancreas (Clean)
J58.1 Excision of lesion of islet of langerhans
J58.2 Excision of lesion of pancreas not elsewhere classified
J58.3 Destruction of lesion of pancreas
J58.8 Other specified other extirpation of pancreas
J58.9 Unspecified other extirpation of pancreas

J59 Connection of pancreatic duct (Clean-contaminated)
J59.1 Anastomosis of pancreatic duct to stomach
J59.2 Anastomosis of pancreatic duct to duodenum
J59.3 Anastomosis of pancreatic duct to transposed jejunum
J59.4 Anastomosis of pancreatic duct to jejunum not elsewhere classified
J59.5 Revision of anastomosis of pancreatic duct
J59.6 Closure of anastomosis of pancreatic duct
J59.8 Other specified connection of pancreatic duct
J59.9 Unspecified connection of pancreatic duct

J60 Other open operations on pancreatic duct (Clean-contaminated)
J60.1 Drainage of pancreatic duct
J60.2 Open removal of calculus from pancreatic duct
   *Includes: Removal of calculus from pancreatic duct not elsewhere classified*
J60.3 Insertion of T tube into pancreatic duct (Clean-contaminated)
J60.4 Open insertion of tubal prosthesis into pancreatic duct
   *Includes: Insertion of tubal prosthesis into pancreatic duct not elsewhere classified*  
   *(Clean-contaminated)*
J60.5 Open dilation of pancreatic duct
   *Includes: Dilation of pancreatic duct not elsewhere classified (Clean-contaminated)*
J60.8 Other specified other operations on pancreatic duct
J60.9 Unspecified other operations on pancreatic duct

J61 Open drainage of lesion of pancreas (Clean-contaminated)
J61.1 Open cystogastrotomy of pancreas
J61.2 Drainage of cyst of pancreas into transposed jejunum
J61.3 Drainage of cyst of pancreas into jejunum not elsewhere classified
J61.4 Drainage of cyst of pancreas not elsewhere classified
J61.8 Other specified open drainage of lesion of pancreas
J61.9 Unspecified open drainage of lesion of pancreas
Breast Surgery

Includes: excision of lesion or tissue of breast including radical, modified or quadrant resection lumpectomy

The minimum wound class for breast surgery is clean

B27 Total excision of breast (Clean)

Note: Use a supplementary code for removal of lymph node (T85-T87)

B27.1 Total mastectomy and excision of both pectoral muscles and part of chest wall
B27.2 Total mastectomy and excision of both pectoral muscles NEC
B27.3 Total mastectomy and excision of pectoralis minor muscle
B27.4 Total mastectomy NEC

Includes: Simple mastectomy
B27.5 Subcutaneous mastectomy
B27.6 Skin sparing mastectomy
B27.8 Other specified
B27.9 Unspecified

Includes: Mastectomy NEC

B28 Other excision of breast (Clean)

Note: Use a supplementary code for removal of lymph node (T85-T87)

B28.1 Quadrantectomy of breast
B28.2 Partial excision of breast NEC

Includes: Wedge excision of breast NEC

Wide excision of breast NEC
B28.3 Excision of lesion of breast NEC

Includes: Lumpectomy of breast NEC
B28.4 Re-excision of breast margins
B28.6 Excision of accessory breast tissue
B28.8 Other specified
B28.9 Unspecified

B29 Reconstruction of breast (Clean)

*Excludes: Reconstruction of breast using flap of skin of buttock (B38)

*Reconstruction of breast using abdominal flap (B39)

*Note: Use a supplementary code for insertion of prosthesis for breast (B30.1)

B29.1 Reconstruction of breast using myocutaneous flap of latissimus dorsi muscle
B29.2 Reconstruction of breast using local flap of skin NEC
B29.3 Reconstruction of breast using flap of skin of abdomen NEC
B29.4 Reconstruction of breast using distant flap of skin NEC
B29.5 Revision of reconstruction of breast
B29.8 Other specified
B29.9 Unspecified

B30 Prosthesis for breast (Clean)

Excludes: Augmentation mammoplasty (B31.2)

B30.1 Insertion of prosthesis for breast
B30.2 Revision of prosthesis for breast
B30.3 Removal of prosthesis for breast
B30.4 Renewal of prosthesis for breast
B30.8 Other specified
B30.9 Unspecified
The minimum wound class for breast surgery is clean

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>B31</td>
<td>Other plastic operations on breast (Clean)</td>
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<tr>
<td>B31.1</td>
<td>Reduction mammoplasty</td>
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<td>B31.2</td>
<td>Augmentation mammoplasty</td>
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<td>B31.3</td>
<td>Mastopexy</td>
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<td>Revision of mammoplasty</td>
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<tbody>
<tr>
<td>B38</td>
<td>Reconstruction of breast using flap of skin of buttock (Clean)</td>
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<tr>
<td>B38.1</td>
<td>Reconstruction of breast using free superior gluteal artery perforator flap</td>
</tr>
<tr>
<td>B38.2</td>
<td>Reconstruction of breast using free inferior gluteal artery perforator flap</td>
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<tbody>
<tr>
<td>B39</td>
<td>Reconstruction of breast using abdominal flap (Clean)</td>
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<tr>
<td>B39.1</td>
<td>Reconstruction of breast using free transverse rectus abdominis myocutaneous flap</td>
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<tr>
<td>B39.2</td>
<td>Reconstruction of breast using pedicled transverse rectus abdominis myocutaneous flap</td>
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<td>B39.3</td>
<td>Reconstruction of breast using free deep inferior epigastric perforator flap</td>
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<td>B39.4</td>
<td>Reconstruction of breast using pedicle omental flap</td>
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<td>Reconstruction of breast using free omental flap</td>
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<tr>
<td>O14</td>
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<td>Sentinel lymph node</td>
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<td>Block dissection of lymph nodes (Clean)</td>
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<td>T85.1</td>
<td>Block dissection of cervical lymph nodes</td>
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<tr>
<td>T85.2</td>
<td>Block dissection of axillary lymph nodes</td>
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<tr>
<td>T85.3</td>
<td>Block dissection of mediastinal lymph nodes</td>
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<td>Block dissection of para-aortic lymph nodes</td>
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<td>T85.5</td>
<td>Block dissection of inguinal lymph nodes</td>
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<td>T85.6</td>
<td>Block dissection of pelvic lymph nodes</td>
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<tbody>
<tr>
<td>T86</td>
<td>Sampling of lymph nodes (Clean)</td>
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<tr>
<td>T86.1</td>
<td>Sampling of cervical lymph nodes</td>
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<tr>
<td>T86.2</td>
<td>Sampling of axillary lymph nodes</td>
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<tr>
<td>T86.3</td>
<td>Sampling of supraclavicular lymph nodes</td>
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<td>T86.4</td>
<td>Sampling of internal mammary lymph nodes</td>
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<td>T86.5</td>
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<td>T86.6</td>
<td>Sampling of para-aortic lymph nodes</td>
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<td>T86.7</td>
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<tr>
<td>T87</td>
<td>Excision or biopsy of lymph node (Clean)</td>
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<td>T87.1</td>
<td>Excision or biopsy of scalene lymph node</td>
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<td>T87.2</td>
<td>Excision or biopsy of cervical lymph node NEC</td>
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<td>T87.5</td>
<td>Excision or biopsy of para-aortic lymph node</td>
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<td>T87.6</td>
<td>Excision or biopsy of porta hepatis lymph node</td>
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</table>
The minimum wound class for cardiac surgery is clean

**K04** Repair of tetralogy of Fallot *(Clean)*
- Includes: Fallot-type pulmonary atresia with ventricular septal defect
- K04.1 Repair of tetralogy of Fallot using valved right ventricular outflow conduit
- K04.2 Repair of tetralogy of Fallot using right ventricular outflow conduit NEC
- K04.3 Repair of tetralogy of Fallot using transannular patch
  - Includes: Repair of tetralogy of Fallot using right ventricular outflow patch
- K04.4 Revision of repair of tetralogy of Fallot
- K04.5 Repair of tetralogy of Fallot with absent pulmonary valve
- K04.6 Repair of Fallot-type pulmonary atresia with aortopulmonary collaterals
- K04.8 Other specified
- K04.9 Unspecified

**K05** Atrial inversion operations for transposition of great arteries *(Clean)*
- K05.1 Reconstruction of atrium using atrial patch for transposition of great arteries
- K05.2 Reconstruction of atrium using atrial wall for transposition of great arteries
- K05.8 Other specified
- K05.9 Unspecified

**K06** Other repair of transposition of great arteries *(Clean)*
- Includes: Repair of transposition of great arteries with ventricular septal defect
- Repair of transposition of great arteries with left ventricular outflow tract
- Obstruction
- Repair of congenitally corrected transposition of great arteries
- K06.1 Repositioning of transposed great arteries
  - Includes: Arterial switch procedure
- K06.2 Left ventricle to aorta tunnel with right ventricle to pulmonary trunk direct anastomosis
- K06.3 Left ventricle to aorta tunnel with right ventricle to pulmonary artery valved conduit
- K06.4 Atrial inversion and repositioning of transposed great artery
  - Includes: Double switch procedure
- K06.8 Other specified
- K06.9 Unspecified

**K07** Correction of total anomalous pulmonary venous connection *(Clean)*
- K07.1 Correction of total anomalous pulmonary venous connection to supracardiac vessel
- K07.2 Correction of total anomalous pulmonary venous connection to coronary sinus
- K07.3 Correction of total anomalous pulmonary venous connection to infradiaphragmatic vessel
- K07.8 Other specified
- K07.9 Unspecified

**K08** Repair of double outlet ventricle *(Clean)*
- K08.1 Repair of double outlet right ventricle with intraventricular tunnel
- K08.2 Repair of Fallot-type double outlet right ventricle
- K08.3 Repair of double outlet right ventricle
- K08.4 Repair of double outlet left ventricle
- K08.8 Other specified
- K08.9 Unspecified

**K09** Repair of defect of atroventricular septum *(Clean)*
- K09.1 Repair of defect of atrioventricular septum using dual prosthetic patches
- K09.2 Repair of defect of atrioventricular septum using prosthetic patch NEC
- K09.3 Repair of defect of atrioventricular septum using tissue graft
- K09.4 Repair of persistent ostium primum
- K09.5 Primary repair of defect of atrioventricular septum NEC
- K09.6 Revision of repair of defect of atrioventricular septum
- K09.8 Other specified
- K09.9 Unspecified
The minimum wound class for cardiac surgery is clean

K10  Repair of defect of interatrial septum (**Clean**)  
- *Excludes:* When associated with repair of tetralogy of Fallot (K04)  
- Percutaneous transluminal repair of defect of interatrial septum (K13.3, K13.4)

K10.1  Repair of defect of interatrial septum using prosthetic patch
K10.2  Repair of defect of interatrial septum using pericardial patch
K10.3  Repair of defect of interatrial septum using tissue graft NEC
K10.4  Primary repair of defect of interatrial septum NEC
K10.5  Revision of repair of defect of interatrial septum
K10.8  Other specified
K10.9  Unspecified

K11  Repair of defect of interventricular septum (**Clean**)  
- *Excludes:* When associated with repair of tetralogy of Fallot (K04)  
- Percutaneous transluminal repair of defect of interventricular septum (K13.1, K13.2)

K11.1  Repair of defect of interventricular septum using prosthetic patch
K11.2  Repair of defect of interventricular septum using pericardial patch
K11.3  Repair of defect of interventricular septum using tissue graft NEC
K11.4  Primary repair of defect of interventricular septum NEC
K11.5  Revision of repair of defect of interventricular septum
K11.6  Repair of multiple interventricular septal defects
K11.7  Repair of interventricular septal defect using intraoperative transluminal prosthesis
K11.8  Other specified
K11.9  Unspecified

K12  Repair of defect of unspecified septum of heart (**Clean**)  
- *Excludes:* When associated with repair of tetralogy of Fallot (K04)  
- Percutaneous transluminal repair of defect of unspecified septum (K13.5–K13.9)

K12.1  Repair of defect of septum of heart using prosthetic patch NEC
K12.2  Repair of defect of septum of heart using pericardial patch NEC
K12.3  Repair of defect of septum of heart using tissue graft NEC
K12.4  Primary repair of defect of septum of heart NEC
K12.5  Revision of repair of septum of heart NEC
K12.8  Other specified
K12.9  Unspecified

K14  Other open operations on septum of heart (**Clean**)  

K14.1  Open enlargement of defect of atrial septum
K14.2  Open atrial septostomy  
- *Includes:* Open atrial septal fenestration
  - Atrial septostomy NEC
K14.3  Atrial septectomy
K14.4  Surgical atrial septation
K14.5  Open enlargement of defect of interventricular septum
K14.8  Other specified
K14.9  Unspecified

K17  Repair of univentricular heart (**Clean**)  

K17.1  Total cavopulmonary connection with extracardiac inferior caval vein to pulmonary artery conduit
K17.2  Total cavopulmonary connection with lateral atrial tunnel
K17.3  Aortopulmonary reconstruction with systemic to pulmonary arterial shunt  
- *Includes:* Primary palliation of hypoplastic left heart syndrome
K17.4  Aortopulmonary reconstruction with right ventricle to pulmonary arterial valveless conduit  
- *Includes:* Primary palliation of hypoplastic left heart
K17.5  Biventricular repair of hypoplastic left heart syndrome
K17.6  Takedown of total cavopulmonary connection
K17.7  Conversion of atrial pulmonary anastomosis to total pulmonary connection
K17.8  Other specified
K17.9  Unspecified
The minimum wound class for cardiac surgery is clean

K18  Creation of valved cardiac conduit *(Clean)*

*Excludes: When associated with repair of tetralogy of Fallot (K04)*

- K18.1 Creation of valved conduit between atrium and ventricle of heart
- K18.2 Creation of valved conduit between right atrium and pulmonary artery
- K18.3 Creation of valved conduit between right ventricle of heart and pulmonary artery
- K18.4 Creation of valved conduit between left ventricle of heart and aorta
- K18.5 Revision of valved cardiac conduit
- K18.6 Creation of valved conduit between left ventricle of heart and pulmonary artery
- K18.7 Replacement of valved cardiac conduit
- K18.8 Other specified
- K18.9 Unspecified

K19  Creation of other cardiac conduit *(Clean)*

*Excludes: When associated with repair of tetralogy of Fallot (K04)*

- K19.1 Creation of conduit between atrium and ventricle of heart NEC
- K19.2 Creation of conduit between right atrium and pulmonary artery NEC
- K19.3 Creation of conduit between right ventricle of heart and pulmonary artery NEC
- K19.4 Creation of conduit between right ventricle of heart and vena cava
- K19.5 Creation of conduit between left ventricle of heart and aorta NEC
- K19.6 Revision of cardiac conduit NEC
- K19.8 Other specified
- K19.9 Unspecified

K20  Refashioning of atrium *(Clean)*

- K20.1 Correction of persistent sinus venosus
- K20.2 Correction of partial anomalous pulmonary venous drainage
- K20.3 Repair of cor triatriatum
- K20.4 Repair of coronary sinus abnormality
- K20.8 Other specified
- K20.9 Unspecified

K22  Other operations on wall of atrium *(Clean)*

*Excludes: Operations on coronary artery (K40-K51) or conducting system of heart (K52, K57–K58)*

- K22.1 Excision of lesion of atrium
- K22.2 Repair of atrium NEC
- K22.8 Other specified
- K22.9 Unspecified

K23  Other operations of wall of heart *(Clean)*

*Excludes: Operations on coronary artery (K40–K51) or conducting system of heart (K52, K57–K58)*

- K23.1 Excision of lesion of wall of heart NEC
  *Includes: Excision of lesion of ventricle of heart*
- K23.2 Biopsy of lesion of wall of heart
  *Includes: Biopsy of wall of heart*
  *Biopsy of lesion of heart NEC*
  *Biopsy of heart NEC*
- K23.3 Repair of wall of heart NEC
- K23.5 Partial left ventriculec tomy
- K23.6 Cardiomyoplasty
- K23.8 Other specified
- K23.9 Unspecified

K24  Other operations on ventricles of heart *(Clean)*

- K24.1 Relief of right ventricular outflow tract obstruction
- K24.2 Repair of double chambered right ventricle
- K24.3 Repair of right ventricular aneurysm
- K24.4 Repair of left ventricular aneurysm
- K24.5 Relief of left ventricular outflow tract obstruction
- K24.6 Myectomy of left ventricular outflow tract
- K24.7 Myotony of left ventricular outflow tract
The minimum wound class for cardiac surgery is clean

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**K25 Plastic repair of mitral valve (Clean)**

*Excludes: Annuloplasty of mitral valve (K34.1)*

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<tbody>
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<td>K25.1</td>
<td>Allograft replacement of mitral valve</td>
</tr>
<tr>
<td>K25.2</td>
<td>Xenograft replacement of mitral valve</td>
</tr>
<tr>
<td>K25.3</td>
<td>Prosthetic replacement of mitral valve</td>
</tr>
<tr>
<td>K25.4</td>
<td>Replacement of mitral valve NEC</td>
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<tr>
<td>K25.5</td>
<td>Mitral valve repair NEC</td>
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<td><em>Includes: Mitral valvuloplasty NEC</em></td>
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**K26 Plastic repair of aortic valve (Clean)**

*Note: Use as a supplementary code for concurrent multiple replacement of valves of heart (e.g. K25)*

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<td>K26.1</td>
<td>Allograft replacement of aortic valve</td>
</tr>
<tr>
<td>K26.2</td>
<td>Xenograft replacement of aortic valve</td>
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<tr>
<td>K26.3</td>
<td>Prosthetic replacement of aortic valve</td>
</tr>
<tr>
<td>K26.4</td>
<td>Replacement of aortic valve NEC</td>
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<tr>
<td>K26.5</td>
<td>Aortic valve repair NEC</td>
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<td><em>Includes: Aortic valvuloplasty NEC</em></td>
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**K27 Plastic repair of tricuspid valve (Clean)**

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<td>K27.2</td>
<td>Xenograft replacement of tricuspid valve</td>
</tr>
<tr>
<td>K27.3</td>
<td>Prosthetic replacement of tricuspid valve</td>
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<td>K27.4</td>
<td>Replacement of tricuspid valve NEC</td>
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<td>Repositioning of tricuspid valve</td>
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**K28 Plastic repair of pulmonary valve (Clean)**

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<td>Allograft replacement of pulmonary valve</td>
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<td>K28.2</td>
<td>Xenograft replacement of pulmonary valve</td>
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<td>K28.3</td>
<td>Prosthetic replacement of pulmonary valve</td>
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<td>K28.4</td>
<td>Replacement of pulmonary valve NEC</td>
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<td>K28.9</td>
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</table>

**K29 Plastic repair of unspecified valve of heart (Clean)**

*Includes: Plastic repair of other specified valve of heart*

<table>
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<td>K29.1</td>
<td>Allograft replacement of valve of heart NEC</td>
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<tr>
<td>K29.2</td>
<td>Xenograft replacement of valve of heart NEC</td>
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<tr>
<td>K29.3</td>
<td>Prosthetic replacement of valve of heart NEC</td>
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<td>K29.4</td>
<td>Replacement of valve of heart NEC</td>
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<td>K29.5</td>
<td>Repair of valve of heart NEC</td>
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<td><em>Includes: Valvuloplasty of heart NEC</em></td>
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<td>K29.6</td>
<td>Truncal valve repair</td>
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<td><em>Includes: Truncal valvuloplasty</em></td>
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<td>K29.7</td>
<td>Replacement of truncal valve</td>
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<td>K29.9</td>
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</table>
The minimum wound class for cardiac surgery is clean

K30 Revision of plastic repair of valve of heart (Clean)
Includes: Revision of replacement of valve of heart

K30.1 Revision of plastic repair of mitral valve
K30.2 Revision of plastic repair of aortic valve
K30.3 Revision of plastic repair of tricuspid valve
K30.4 Revision of plastic repair of pulmonary valve
K30.5 Revision of plastic repair of truncal valve
K30.8 Other specified
K30.9 Unspecified

K31 Open incision of valve of heart (Clean)
Includes: Incision of valve of heart NEC

K31.1 Open mitral valvotomy
K31.2 Open aortic valvotomy
K31.3 Open tricuspid valvotomy
K31.4 Open pulmonary valvotomy
K31.5 Open truncal valvotomy
K31.8 Other specified
K31.9 Unspecified
Includes: Valvotomy NEC

K32 Closed incision of valve of heart (Clean)

K32.1 Closed mitral valvotomy
K32.2 Closed aortic valvotomy
K32.3 Closed tricuspid valvotomy
K32.4 Closed pulmonary valvotomy
K32.8 Other specified
K32.9 Unspecified

K34 Other open operations on valve of heart (Clean)

K34.1 Annuloplasty of mitral valve
K34.2 Annuloplasty of tricuspid valve
K34.3 Annuloplasty of valve of heart NEC
K34.4 Excision of vegetations of valve of heart
Excludes: Open excision of vegetations of heart NEC (K55.4)

K34.5 Closure of tricuspid valve
K34.6 Closure of pulmonary valve
K34.8 Other specified
K34.9 Unspecified

K36 Excision of valve of heart (Clean)

K36.1 Tricuspid valvectomy
K36.2 Pulmonary valvectomy
K36.8 Other specified
K36.9 Unspecified

K67 Excision of pericardium (Clean)

K67.1 Excision of lesion of pericardium
K67.8 Other specified
K67.9 Unspecified

K69 Incision of pericardium (Clean)

K69.1 Freeing of adhesions of pericardium
K69.2 Fenestration of pericardium
K69.8 Other specified
K69.9 Unspecified
### Cholecystectomy (non-laparoscopic) without exploration of bile duct

Partial or total excision of the gall bladder, excluding laparoscopic approach and procedures involving exploration of the bile duct.

The minimum wound class is shown in brackets by group name

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>J18.1</td>
<td>Total cholecystectomy and excision of surrounding tissue</td>
</tr>
<tr>
<td>J18.3</td>
<td>Total cholecystectomy not elsewhere classified</td>
</tr>
<tr>
<td>J18.5</td>
<td>Partial cholecystectomy not elsewhere classified</td>
</tr>
<tr>
<td>J18.8</td>
<td>Other specified excision of gall bladder</td>
</tr>
<tr>
<td>J18.9</td>
<td>Unspecified excision of gall bladder</td>
</tr>
</tbody>
</table>

Excision of gall bladder without exploration of bile duct *(Clean-contaminated)*

Includes: Cholecystectomy without exploration of bile duct

Excludes: Cholecystectomy with exploration of bile duct *(J18.2 and J18.4 these are included in bile duct liver or pancreas surgery category)*
Coronary artery bypass graft

Open chest procedure to perform direct revascularization of heart, for example, using suitable vein from leg for grafting, internal mammary artery, etc.

The minimum wound class for coronary artery bypass graft is clean

K40  Saphenous vein graft replacement of coronary artery *(Clean)*
   - K40.1 Saphenous vein graft replacement of one coronary artery
   - K40.2 Saphenous vein graft replacement of two coronary arteries
   - K40.3 Saphenous vein graft replacement of three coronary arteries
   - K40.4 Saphenous vein graft replacement of four or more coronary arteries
   - K40.8 Other specified saphenous vein graft replacement of coronary artery
   - K40.9 Unspecified saphenous vein graft replacement of coronary artery

K41  Other autograft replacement of coronary artery *(Clean)*
   - K41.1 Autograft replacement of one coronary artery not elsewhere classified
   - K41.2 Autograft replacement of two coronary arteries not elsewhere classified
   - K41.3 Autograft replacement of three coronary arteries not elsewhere classified
   - K41.4 Autograft replacement of four or more coronary arteries not elsewhere classified
   - K41.8 Other specified autograft replacement of coronary artery
   - K41.9 Unspecified other autograft replacement of coronary artery

K43  Prosthetic replacement of coronary artery *(Clean)*
   - K43.1 Prosthetic replacement of one coronary artery
   - K43.2 Prosthetic replacement of two coronary arteries
   - K43.3 Prosthetic replacement of three coronary arteries
   - K43.4 Prosthetic replacement of four or more coronary arteries
   - K43.8 Other specified prosthetic replacement of coronary artery
   - K43.9 Unspecified prosthetic replacement of coronary artery

K44  Other replacement of coronary artery *(Clean)*
   - Includes: Coronary artery bypass graft not elsewhere classified
   - K44.1 Replacement of coronary arteries using multiple methods
   - K44.2 Revision of replacement of coronary artery
   - K44.8 Other specified other replacement of coronary artery
   - K44.9 Unspecified other replacement of coronary artery

K45  Connection of thoracic artery to coronary artery *(Clean)*
   - K45.1 Double anastomosis of mammary arteries to coronary arteries
   - K45.2 Double anastomosis of thoracic arteries to coronary arteries not elsewhere classified
   - K45.3 Anastomosis of mammary artery to left anterior descending coronary artery
   - K45.4 Anastomosis of mammary artery to coronary artery not elsewhere classified
   - K45.5 Anastomosis of thoracic artery to coronary artery not elsewhere classified
   - K45.6 Revision of connection of thoracic artery to coronary artery
   - K45.8 Other specified connection of thoracic artery to coronary artery
   - K45.9 Unspecified connection of thoracic artery to coronary artery

K46  Other bypass of coronary artery *(Clean)*
   - Excludes: Coronary artery bypass graft (K40-K44)
   - K46.1 Double implantation of mammary arteries into heart
   - K46.2 Double implantation of thoracic arteries into heart not elsewhere classified
   - K46.3 Implantation of mammary artery into heart not elsewhere classified
   - K46.4 Implantation of thoracic artery into heart not elsewhere classified
   - K46.5 Revision of implantation of thoracic artery into heart
   - K46.8 Other specified other bypass of coronary artery
   - K46.9 Unspecified other bypass of coronary artery
Cranial Surgery

Incision through the skull to excise, repair, or explore the brain; does not include taps or punctures

Note:
Use a subsidiary code to identify method of image control (Y53)
Use a subsidiary code for minimal access approach (Y76)

Y53.1 Approach to organ under radiological control
Y53.2 Approach to organ under ultrasonic control
Y53.3 Approach to organ under computed tomography scan control
Y53.4 Approach to organ under fluoroscopic control
Y53.5 Approach to organ under image intensifier
Y53.6 Approach to organ under video control
Y53.7 Approach to organ under magnetic resonance imaging control
Y53.8 Other specified approach to organ under image control
Y53.9 Unspecified approach to organ under image control
Y76.1 Functional endoscopic sinus surgery
Y76.2 Functional endoscopic nasal surgery
Y76.3 Endoscopic approach to other body cavity
Y76.4 Endoscopic ultrasonic approach to other body cavity
Y76.5 Robotic assisted minimal access approach to other body cavity
Y76.6 Endonasal endoscopic approach to other body cavity
Y76.7 Arthroscopic approach to joint
Y76.8 Other specified minimal access to other body cavity
Y76.9 Unspecified minimal access to other body cavity

The minimum wound class for cranial surgery is clean

A01 Major excision of tissue of brain (Clean)
A01.1 Hemispherectomy
A01.2 Total lobectomy of brain
A01.3 Partial lobectomy of brain
A01.8 Other specified
A01.9 Unspecified

A02 Excision of lesion of tissue of brain (Clean)
A02.1 Excision of lesion of tissue of frontal lobe of brain
A02.2 Excision of lesion of tissue of temporal lobe of brain
A02.3 Excision of lesion of tissue of parietal lobe of brain
A02.4 Excision of lesion of tissue of occipital lobe of brain
A02.5 Excision of lesion of tissue of cerebellum
A02.6 Excision of lesion of tissue of brain stem
A02.8 Other specified
A02.9 Unspecified

A04 Open biopsy of lesion of tissue of brain (Clean)
Includes: Tissue of brain

A04.1 Open biopsy of lesion of tissue of frontal lobe of brain
A04.2 Open biopsy of lesion of tissue of temporal lobe of brain
A04.3 Open biopsy of lesion of tissue of parietal lobe of brain
A04.4 Open biopsy of lesion of tissue of occipital lobe of brain
A04.5 Open biopsy of lesion of tissue of cerebellum
A04.6 Open biopsy of lesion of tissue of brain stem
A04.8 Other specified
A04.9 Unspecified

A05 Drainage of lesion of tissue of brain (Clean)
Excludes: Drainage of subarachnoid space of brain (A22.1)
Drainage of extradural space (A40)

A05.1 Drainage of abscess of tissue of brain
A05.2 Evacuation of haematoma from temporal lobe of brain
### A05.3 Evacuation of haematoma from cerebellum
### A05.4 Evacuation of intracerebral haematoma NEC
### A05.8 Other specified
### A05.9 Unspecified

#### A07 Other open operations on tissue of brain (Clean)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A07.1</td>
<td>Open division of tissue of brain</td>
</tr>
<tr>
<td>A07.2</td>
<td>Removal of foreign body from tissue of brain</td>
</tr>
<tr>
<td>A07.3</td>
<td>Exploration of tissue of brain</td>
</tr>
<tr>
<td>A07.4</td>
<td>Excision of abscess of tissue of brain</td>
</tr>
<tr>
<td>A07.5</td>
<td>Multiple subpial transections</td>
</tr>
<tr>
<td>A07.6</td>
<td>Complete callosotomy</td>
</tr>
<tr>
<td>A07.7</td>
<td>Partial callosotomy</td>
</tr>
<tr>
<td>A07.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>A07.9</td>
<td>Unspecified</td>
</tr>
</tbody>
</table>

The minimum wound class for cranial surgery is clean

#### A09 Neurostimulation of brain (Clean)

*Includes: Neurostimulation of brainstem*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A09.1</td>
<td>Implantation of neurostimulator into brain</td>
</tr>
<tr>
<td>A09.2</td>
<td>Maintenance of neurostimulator in brain</td>
</tr>
<tr>
<td>A09.3</td>
<td>Removal of neurostimulator from brain</td>
</tr>
<tr>
<td>A09.4</td>
<td>Operation on neurostimulator in brain NEC</td>
</tr>
<tr>
<td>A09.5</td>
<td>Insertion of neurostimulator electrodes into the brain</td>
</tr>
<tr>
<td>A09.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>A09.9</td>
<td>Unspecified</td>
</tr>
</tbody>
</table>

#### A10 Other operations on tissue of brain (Clean)

*Note: Principal category, extended at A11*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A10.1</td>
<td>Leucotomy NEC</td>
</tr>
<tr>
<td>A10.6</td>
<td>Insertion of carmustine wafers in neoplasm of tissue of brain</td>
</tr>
</tbody>
</table>

#### A11 Operations on tissue of brain (Clean)

*Note: Principal A10*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11.1</td>
<td>Placement of depth electrodes for electroencephalography</td>
</tr>
<tr>
<td>A11.2</td>
<td>Placement of surface electrodes for electroencephalography</td>
</tr>
<tr>
<td>A11.3</td>
<td>Monitoring of pressure in tissue of brain</td>
</tr>
<tr>
<td>A11.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>A11.9</td>
<td>Unspecified</td>
</tr>
</tbody>
</table>

#### A38 Extirpation of lesion of meninges of brain (Clean)

*Note: Principal category, extended at A43*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A38.1</td>
<td>Extirpation of lesion of meninges of cortex of brain</td>
</tr>
<tr>
<td>A38.2</td>
<td>Extirpation of lesion of meninges of sphenoidal ridge of cranium</td>
</tr>
<tr>
<td>A38.3</td>
<td>Extirpation of lesion of meninges of subfrontal region of brain</td>
</tr>
<tr>
<td>A38.4</td>
<td>Extirpation of lesion of meninges of parasagittal region of brain</td>
</tr>
<tr>
<td>A38.5</td>
<td>Extirpation of lesion of falx cerebri</td>
</tr>
<tr>
<td>A38.6</td>
<td>Extirpation of lesion of tentorium cerebelli</td>
</tr>
<tr>
<td>A38.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>A38.9</td>
<td>Unspecified</td>
</tr>
</tbody>
</table>

#### A39 Repair of dura (Clean)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A39.1</td>
<td>Repair of meningoencephalocele</td>
</tr>
<tr>
<td>A39.2</td>
<td>Repair of dura of anterior fossa of cranium</td>
</tr>
<tr>
<td>A39.3</td>
<td>Repair of dura of middle fossa of cranium</td>
</tr>
<tr>
<td>A39.4</td>
<td>Repair of dura of posterior fossa of cranium</td>
</tr>
<tr>
<td>A39.5</td>
<td>Repair of dura of vault of cranium</td>
</tr>
<tr>
<td>A39.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>A39.9</td>
<td>Unspecified</td>
</tr>
</tbody>
</table>
### A40 Drainage of extradural space (Clean)
- A40.1 Evacuation of extradural haematoma
- A40.8 Other specified
- A40.9 Unspecified drainage of extradural space

### A41 Drainage of subdural space (Clean)
- A41.1 Evacuation of subdural haematoma
- A41.2 Drainage of abscess of subdural space
- A41.8 Other specified
- A41.9 Unspecified

### A42 Other operations on meninges of brain (Clean)
- A42.1 Creation of anastomosis of dura
- A42.2 Biopsy of lesion of meninges of brain
- A42.8 Other specified
- A42.9 Unspecified

The minimum wound class for cranial surgery is clean

### A43 Other extirpation of lesion of meninges of brain (Clean)
- Note: Principal A38
- A43.1 Extirpation of lesion of meninges of skull base
- A43.2 Extirpation of lesion of meninges of skull clivus
- A43.8 Other specified
- A43.9 Unspecified

### B01 Excision of pituitary gland (Clean)
- B01.1 Transethmoidal hypophysectomy
- B01.2 Trans-sphenoidal hypophysectomy
- B01.3 Trans-septal hypophysectomy
- B01.4 Transcranial hypophysectomy
- B01.8 Other specified
- B01.9 Unspecified
  Includes: Hypophysectomy NEC

### B02 Destruction of pituitary gland (Clean)
- B02.1 Cryotherapy to pituitary gland
- B02.2 Implantation of radioactive substance into pituitary gland
  Note: Use an additional code to specify radiotherapy delivery (X65)
- B02.3 Injection of destructive substance into pituitary gland NEC
- B02.8 Other specified
- B02.9 Unspecified

### B04 Other operations on pituitary gland (Clean)
  Includes: Pituitary stalk (B04.5)
- B04.1 Excision of lesion of pituitary gland
- B04.2 Biopsy of lesion of pituitary gland
  Includes: Biopsy of pituitary gland
- B04.3 Decompression of pituitary gland
- B04.4 Exploration of pituitary gland
- B04.5 Operations on pituitary stalk
- B04.8 Other specified
- B04.9 Unspecified

### B06 Operations on pineal gland (Clean)
- B06.1 Excision of pineal gland
- B06.8 Other specified
- B06.9 Unspecified

### B08 Operations on aneurysm of cerebral artery (Clean)
  Includes: Artery of circle of Willis
L33.1 Excision of aneurysm of cerebral artery
L33.2 Clipping of aneurysm of cerebral artery
L33.3 Ligation of aneurysm of cerebral artery NEC
L33.4 Obliteration of aneurysm of cerebral artery NEC
L33.8 Other specified
L33.9 Unspecified

L34 Other open operations on cerebral artery (Clean)
Includes: Artery of circle of Willis
L34.1 Reconstruction of cerebral artery
L34.2 Anastomosis of cerebral artery
L34.3 Open embolectomy of cerebral artery
Includes: Open thrombectomy of cerebral artery Embolectomy of cerebral artery NEC Thrombectomy of cerebral artery NEC
L34.4 Open embolisation of cerebral artery
L34.8 Other specified
L34.9 Unspecified

Bones and Joints of Skull and Spine

The minimum wound class for cranial surgery is clean

V01 Plastic repair of cranium (Clean)
V01.1 Cranioplasty using prosthesis
V01.2 Cranioplasty using bone graft
V01.3 Opening of suture of cranium
V01.4 Removal of prosthesis from cranium
V01.5 Revision of cranioplasty NEC
V01.6 Strip craniectomy
V01.7 Strip craniectomy with remodelling of cranial bones HFQ
V01.8 Other specified
V01.9 Unspecified

V03 Opening of cranium (Clean)
Note: Do not use as approach code (Y46, Y47)
V03.1 Exploratory open craniotomy
Includes: Open craniotomy
V03.2 Re opening of cranium and re-exploration of intracranial operation site and surgical arrest of postoperative bleeding
V03.3 Re opening of cranium and re-exploration of intracranial operation site NEC
V03.4 Re opening of cranium NEC
V03.5 Trephine of cranium
V03.6 Exploratory burrhole of cranium
V03.7 Decompressive craniectomy
V03.8 Other specified
V03.9 Unspecified
Includes: Exploratory craniotomy NEC Craniotomy NEC

V04 Reshaping of cranium (Clean)
V04.1 Fitting dynamic cranioplasty bands
V04.8 Other specified
V04.9 Unspecified

V05 Other operations on cranium (Clean)
V05.1 Extirpation of lesion of cranium
V05.4 Repair of fracture of cranium NEC
V05.5 Graft of bone to cranium
V05.6 Transpetrous excision of lesion of jugular foramen
V05.7 Hemicraniotomy
V05.8 Other specified
V05.9 Unspecified
Gastric Surgery

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Description</th>
<th>Code</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incision, excision or anastomosis of stomach, including partial or total gastrectomy, vagotomy, pyloromyotomy, pyloroplasty and gastroenterostomy.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

These can be included in the surveillance using the following Y75.codes as a secondary code to indicate the laparoscopic approach. For example, a laparoscopic assisted Oesophagogastrectomy and anastomosis of oesophagus to stomach would be given a primary procedure code of G01.1 and a secondary code of Y75.1.

Please see minimum wound class against each procedure

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y75.1</td>
<td>Laparoscopically assisted approach to the abdominal cavity</td>
<td></td>
</tr>
<tr>
<td>Y75.2</td>
<td>Laparoscopic approach to the abdominal cavity not elsewhere classified.</td>
<td></td>
</tr>
</tbody>
</table>

### A27 Extracranial extirpation of vagus nerve (vagotomy) *(Clean)*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A27.1</td>
<td>Extracranial truncal vagotomy</td>
<td>Includes: Truncal vagotomy</td>
</tr>
<tr>
<td>A27.2</td>
<td>Proximal gastric vagotomy</td>
<td>Includes: Highly selective vagotomy and parietal cell vagotomy</td>
</tr>
<tr>
<td>A27.3</td>
<td>Selective extracranial vagotomy not elsewhere classified</td>
<td>Includes: Selective vagotomy not elsewhere classified</td>
</tr>
<tr>
<td>A27.8</td>
<td>Other specified</td>
<td></td>
</tr>
<tr>
<td>A27.9</td>
<td>Unspecified</td>
<td>Includes: Vagotomy not elsewhere classified</td>
</tr>
</tbody>
</table>

*Note: For vagotomy as a single procedure the minimum wound class is clean. For vagotomy associated with concurrent gastroenterostomy or incision of pylorus, the minimum wound class is clean-contaminated.*

### G01 Excision of oesophagus and stomach (oesophagogastrectomy) *(Clean-contaminated)*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>G01.1</td>
<td>Oesophagogastrectomy and anastomosis of oesophagus to stomach</td>
<td></td>
</tr>
<tr>
<td>G01.2</td>
<td>Oesophagogastrectomy and anastomosis of oesophagus to transposed jejunum</td>
<td></td>
</tr>
<tr>
<td>G01.3</td>
<td>Oesophagogastrectomy and anastomosis of oesophagus to jejunum not elsewhere classified</td>
<td></td>
</tr>
<tr>
<td>G01.8</td>
<td>Other specified</td>
<td></td>
</tr>
<tr>
<td>G01.9</td>
<td>Unspecified</td>
<td></td>
</tr>
</tbody>
</table>

### G24 Antireflux operation *(Clean-contaminated)*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>G24.1</td>
<td>Antireflux fundoplication using thoracic approach</td>
<td></td>
</tr>
<tr>
<td>G24.2</td>
<td>Antireflux operation using thoracic approach not elsewhere classified</td>
<td></td>
</tr>
<tr>
<td>G24.3</td>
<td>Antireflux fundoplication using abdominal approach</td>
<td></td>
</tr>
<tr>
<td>G24.4</td>
<td>Antireflux gastropexy</td>
<td></td>
</tr>
<tr>
<td>G24.5</td>
<td>Gastroplasty and antireflux procedure however further qualified</td>
<td></td>
</tr>
<tr>
<td>G24.6</td>
<td>Insertion of angelchick prosthesis</td>
<td></td>
</tr>
<tr>
<td>G24.8</td>
<td>Other specified</td>
<td></td>
</tr>
<tr>
<td>G24.9</td>
<td>Unspecified</td>
<td></td>
</tr>
</tbody>
</table>

### G25 Revision of antireflux operations *(Clean-contaminated)*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>G25.1</td>
<td>Revision of fundoplication of stomach</td>
<td></td>
</tr>
<tr>
<td>G25.2</td>
<td>Adjustment to angelchick prosthesis</td>
<td></td>
</tr>
<tr>
<td>G25.3</td>
<td>Removal of angelchick prosthesis</td>
<td></td>
</tr>
<tr>
<td>G25.8</td>
<td>Other specified</td>
<td></td>
</tr>
<tr>
<td>G25.9</td>
<td>Unspecified</td>
<td></td>
</tr>
</tbody>
</table>

### G27 Total excision of stomach (total gastrectomy) *(Clean-contaminated)*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>G27.1</td>
<td>Total gastrectomy and excision of surrounding tissue</td>
<td></td>
</tr>
<tr>
<td>G27.2</td>
<td>Total gastrectomy and anastomosis of oesophagus to duodenum</td>
<td></td>
</tr>
<tr>
<td>G27.3</td>
<td>Total gastrectomy and interposition of jejunum</td>
<td></td>
</tr>
<tr>
<td>G27.4</td>
<td>Total gastrectomy and anastomosis of oesophagus to transposed jejunum</td>
<td></td>
</tr>
<tr>
<td>G27.5</td>
<td>Total gastrectomy and anastomosis of oesophagus to jejunum not elsewhere classified</td>
<td></td>
</tr>
<tr>
<td>G27.8</td>
<td>Other specified total excision of stomach</td>
<td></td>
</tr>
<tr>
<td>G27.9</td>
<td>Unspecified total excision of stomach</td>
<td></td>
</tr>
</tbody>
</table>
Please see minimum wound class against each procedure

**G28**  Partial excision of stomach (partial gastrectomy) *(Clean-contaminated)*
- G28.1 Partial gastrectomy and anastomosis of stomach to duodenum
- G28.2 Partial gastrectomy and anastomosis of stomach to transposed jejunum
- G28.3 Partial gastrectomy and anastomosis of stomach to jejunum not elsewhere classified
- G28.4 Sleeve gastrectomy and duodenal switch
- G28.5 Sleeve gastrectomy NEC
- G28.8 Other specified partial excision of stomach
- G28.9 Unspecified partial excision of stomach
  *Includes: Gastrectomy not elsewhere classified*

**G30**  Plastic operations on stomach *(Clean-contaminated)*
- G30.1 Gastroplasty not elsewhere classified
- G30.2 Partitioning of stomach
- G30.3 Partitioning of stomach using band
- G30.4 Partitioning of stomach using staples
- G30.8 Other specified plastic operations on the stomach
- G30.9 Unspecified plastic operations on the stomach

**G31**  Connection of stomach to duodenum *(Clean-contaminated)*
  *Excludes: Connection of stomach to duodenum when associated with concurrent excision of stomach (G27.2 and G28.1)*
- G31.1 Bypass of stomach by anastomosis of oesophagus to duodenum
- G31.2 Bypass of stomach by anastomosis of stomach to duodenum
- G31.3 Revision of anastomosis of stomach to duodenum
- G31.4 Conversion to anastomosis of stomach to duodenum
- G31.5 Closure of connection of stomach to duodenum
- G31.6 Attention to connection of stomach to duodenum
- G31.8 Other specified connection of stomach to duodenum
- G31.9 Unspecified connection of stomach to duodenum
- G31.0 Conversion from previous anastomosis of stomach to duodenum

**G32**  Connection of stomach to transposed jejunum *(Clean-contaminated)*
  *Excludes: Connection of stomach to transposed jejunum when associated with concurrent excision of stomach (G27.4 and G28.2)*
- G32.1 Bypass of stomach by anastomosis of stomach to transposed jejunum
- G32.2 Revision of anastomosis of stomach to transposed jejunum
- G32.3 Conversion to anastomosis of stomach to transposed jejunum
- G32.4 Closure of connection of stomach to transposed jejunum
- G32.5 Attention to connection of stomach to transposed jejunum
- G32.8 Other specified connection of stomach to transposed jejunum
- G32.9 Unspecified connection of stomach to transposed jejunum
- G32.0 Conversion from previous anastomosis of stomach to transposed duodenum

**G33**  Other connection of stomach to jejunum *(Clean-contaminated)*
  *Excludes: Connection of stomach to jejunum when associated with concurrent excision of stomach not elsewhere classified (G27.5 and G28.3)*
- G33.1 Bypass of stomach by anastomosis of stomach to jejunum not elsewhere classified
  *Includes: Gastroenterostomy not elsewhere classified*
- G33.2 Revision of anastomosis of stomach to jejunum not elsewhere classified
- G33.3 Conversion to anastomosis of stomach to jejunum not elsewhere classified
- G33.4 Open reduction of intussusception of gastroenterostomy
- G33.5 Closure of connection of stomach to jejunum NEC
- G33.6 Attention to connection of stomach to jejunum
- G33.8 Other specified other connection of stomach to jejunum
- G33.9 Unspecified other connection of stomach to jejunum
- G33.0 Conversion from previous anastomosis of stomach to jejunum not elsewhere classified
Please see minimum wound class against each procedure

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>G35</td>
<td>Operations on ulcer of stomach</td>
</tr>
<tr>
<td>G35.1</td>
<td>Closure of perforated ulcer of stomach <em>(Contaminated)</em></td>
</tr>
<tr>
<td>G35.2</td>
<td>Closure of ulcer of stomach not elsewhere classified <em>(Clean-contaminated)</em></td>
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<tr>
<td></td>
<td>Includes: Suture of ulcer of stomach not elsewhere classified</td>
</tr>
<tr>
<td>G35.8</td>
<td>Other specified operations on ulcer of stomach</td>
</tr>
<tr>
<td>G35.9</td>
<td>Unspecified operations on ulcer of stomach</td>
</tr>
<tr>
<td>G36</td>
<td>Other repair of stomach</td>
</tr>
<tr>
<td>G36.1</td>
<td>Gastropexy not elsewhere classified <em>(Clean-contaminated)</em></td>
</tr>
<tr>
<td>G36.2</td>
<td>Closure of perforation of stomach <em>(Contaminated)</em></td>
</tr>
<tr>
<td>G36.3</td>
<td>Closure of abnormal opening of stomach not elsewhere classified <em>(Clean-contaminated)</em></td>
</tr>
<tr>
<td>G36.8</td>
<td>Other specified other repair of stomach</td>
</tr>
<tr>
<td>G36.9</td>
<td>Unspecified other repair of stomach</td>
</tr>
<tr>
<td>G38</td>
<td>Other open operations on stomach</td>
</tr>
<tr>
<td>G38.5</td>
<td>Incision of stomach not elsewhere classified <em>(Clean-contaminated)</em></td>
</tr>
<tr>
<td></td>
<td>Includes: Gastrotomy not elsewhere classified</td>
</tr>
<tr>
<td>G38.7</td>
<td>Removal of gastric band</td>
</tr>
<tr>
<td>G40</td>
<td>Incision of pylorus <em>(Clean-contaminated)</em></td>
</tr>
<tr>
<td>G40.1</td>
<td>Pyloromyotomy</td>
</tr>
<tr>
<td>G40.2</td>
<td>Repair of congenital atresia of pylorus</td>
</tr>
<tr>
<td>G40.3</td>
<td>Pyloroplasty not elsewhere classified</td>
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<td>G40.4</td>
<td>Revision of pyloroplasty</td>
</tr>
<tr>
<td>G40.5</td>
<td>Closure of pyloroplasty</td>
</tr>
<tr>
<td>G40.6</td>
<td>Open dilation of pylorus</td>
</tr>
<tr>
<td>G40.8</td>
<td>Other specified incision of pylorus</td>
</tr>
<tr>
<td>G40.9</td>
<td>Unspecified incision of pylorus</td>
</tr>
<tr>
<td>G41</td>
<td>Repair of perforation of pylorus</td>
</tr>
<tr>
<td>G41.2</td>
<td>Repair of perforation of pylorus <em>(Contaminated)</em></td>
</tr>
</tbody>
</table>
### Hip replacement

Replacement of the hip joint, including resurfacing of any part of the joint, revision of a previous replacement and conversion from a previous hemiarthroplasty or bone fixation. Excludes replacement of head of femur alone (see Repair of neck of femur).

The minimum wound class for hip replacement surgery is clean

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>W37.1</td>
<td>Primary total prosthetic replacement of hip joint using cement (Clean)</td>
</tr>
<tr>
<td>W37.2</td>
<td>Conversion to total prosthetic replacement of hip joint using cement</td>
</tr>
<tr>
<td>W37.3</td>
<td>Revision of total prosthetic replacement of hip joint using cement</td>
</tr>
<tr>
<td>W37.4</td>
<td>Revision of one component of total prosthetic replacement of hip joint using cement</td>
</tr>
<tr>
<td>W37.8</td>
<td>Other specified total prosthetic replacement of hip joint using cement</td>
</tr>
<tr>
<td>W37.9</td>
<td>Unspecified total prosthetic replacement of hip joint using cement</td>
</tr>
<tr>
<td>W37.0</td>
<td>Conversion from previous cemented total prosthetic replacement of hip joint</td>
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<tbody>
<tr>
<td>W38.1</td>
<td>Primary total prosthetic replacement of hip joint not using cement</td>
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<tr>
<td>W38.2</td>
<td>Conversion to total prosthetic replacement of hip joint not using cement</td>
</tr>
<tr>
<td>W38.3</td>
<td>Revision of total prosthetic replacement of hip joint not using cement</td>
</tr>
<tr>
<td>W38.4</td>
<td>Revision of one component of total prosthetic replacement of hip joint not using cement</td>
</tr>
<tr>
<td>W38.8</td>
<td>Other specified total prosthetic replacement of hip joint not using cement</td>
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<td>Unspecified total prosthetic replacement of hip joint not using cement</td>
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<td>Conversion from previous uncemented total prosthetic replacement of hip joint</td>
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<tbody>
<tr>
<td>W39.1</td>
<td>Primary total prosthetic replacement of hip joint not elsewhere classified</td>
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<tr>
<td>W39.2</td>
<td>Conversion to total prosthetic replacement of hip joint not elsewhere classified</td>
</tr>
<tr>
<td>W39.3</td>
<td>Revision of total prosthetic replacement of hip joint not elsewhere classified</td>
</tr>
<tr>
<td>W39.5</td>
<td>Revision of one component of total prosthetic replacement of hip joint not elsewhere classified</td>
</tr>
<tr>
<td>W39.8</td>
<td>Other specified other total prosthetic replacement of hip joint</td>
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<tr>
<td>W39.9</td>
<td>Unspecified other total prosthetic replacement of hip joint</td>
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<tr>
<td>W39.0</td>
<td>Conversion from previous total prosthetic replacement of hip joint not elsewhere classified</td>
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<th>Code</th>
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<tbody>
<tr>
<td>W93.1</td>
<td>Primary hybrid prosthetic replacement of hip joint using cemented acetabular component (Clean)</td>
</tr>
<tr>
<td>W93.2</td>
<td>Conversion to hybrid prosthetic replacement of hip joint using cemented acetabular component</td>
</tr>
<tr>
<td>W93.3</td>
<td>Revision of hybrid prosthetic replacement of hip joint using cemented acetabular component</td>
</tr>
<tr>
<td>W93.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>W93.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>W93.0</td>
<td>Conversion from previous hybrid prosthetic replacement of hip joint using cemented acetabular component</td>
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<th>Code</th>
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<tbody>
<tr>
<td>W94.1</td>
<td>Primary hybrid prosthetic replacement of hip joint using cemented femoral component (Clean)</td>
</tr>
<tr>
<td>W94.2</td>
<td>Conversion to hybrid prosthetic replacement of hip joint using cemented femoral component</td>
</tr>
<tr>
<td>W94.3</td>
<td>Revision of hybrid prosthetic replacement of hip joint using cemented femoral component</td>
</tr>
<tr>
<td>W94.8</td>
<td>Other specified</td>
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<td>W94.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>W94.0</td>
<td>Conversion from previous hybrid prosthetic replacement of hip joint using cemented femoral component</td>
</tr>
</tbody>
</table>
The minimum wound class for hip replacement surgery is clean

W95  Hybrid prosthetic replacement of hip joint using cement (Clean)
     Includes: Hybrid prosthetic replacement of hip joint NEC
W95.1 Primary hybrid prosthetic replacement of hip joint using cement NEC
W95.2 Conversion of hybrid prosthetic replacement of hip joint using cement NEC
W95.3 Revision of hybrid prosthetic replacement of hip joint using cement NEC
W95.4 Attention to hybrid prosthetic replacement of hip joint using cement NEC
W95.8 Other specified
W95.9 Unspecified
W95.0 Conversion from previous hybrid prosthetic replacement of hip joint using cement NEC

Resurfacing of hip joint

W58  Other reconstruction of joint (Clean)
     Exclude: Some similar operations for correction of congenital deformity (X19-X27)
W58.1 Primary resurfacing arthroplasty of joint
W58.2 Revision of resurfacing arthroplasty of joint
W58.8 Other Specified
W58.9 Unspecified
W58.0 Conversion from previous resurfacing arthroplasty of joint

Replacement of acetabulum
(Please note that those codes are also used for partial knee replacement procedures.)

W52  Prosthetic replacement of articulation of other bone using cement (Clean)
     Includes: Prosthetic hemiarthroplasty of articulation of bone using cement not elsewhere classified
W52.1 Primary prosthetic replacement of articulation of bone using cement not elsewhere classified
W52.2 Conversions to prosthetic replacement of articulation of bone using cement not elsewhere classified
W52.3 Revision of prosthetic replacement of articulation of bone using cement not elsewhere classified
W52.8 Other specified
W52.9 Unspecified
W52.0 Conversion from previous cemented prosthetic replacement of articulation of bone not elsewhere classified

W53  Prosthetic replacement of articulation of other bone not using cement (Clean)
     Includes: Prosthetic hemiarthroplasty of articulation of bone not using cement not elsewhere classified
W53.1 Primary prosthetic replacement of articulation of bone not using cement not elsewhere classified
W53.2 Conversions to prosthetic replacement of articulation of bone not using cement not elsewhere classified
W53.3 Revision of prosthetic replacement of articulation of bone not using cement not elsewhere classified
W53.8 Other specified
W53.9 Unspecified
W53.0 Conversion from previous uncemented prosthetic replacement of articulation of bone not elsewhere classified

W54  Other prosthetic replacement of other bone (Clean)
     Includes: Prosthetic hemiarthroplasty of articulation of bone not elsewhere classified
W54.1 Primary prosthetic replacement of articulation of bone not elsewhere classified
W54.2 Conversion to prosthetic replacement of articulation of bone not elsewhere classified
W54.3 Revision of prosthetic replacement of articulation of bone not elsewhere classified
W54.8 Other specified
W54.9 Unspecified
W54.0 Conversion from previous prosthetic replacement of articulation of bone not elsewhere classified
Knee replacement

Replacement of all or part of knee joint (with or without patella resurfacing), including revision of a previous replacement. **Patella resurfacing and patella replacement are not included in the surveillance.**

The minimum wound class for knee replacement surgery is clean

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>W40</td>
<td>Total prosthetic replacement of knee joint using cement <em>(Clean)</em></td>
</tr>
<tr>
<td>W40.1</td>
<td>Primary total prosthetic replacement of knee joint using cement</td>
</tr>
<tr>
<td>W40.2</td>
<td>Conversion to total prosthetic replacement of knee joint using cement</td>
</tr>
<tr>
<td>W40.3</td>
<td>Revision of total prosthetic replacement of knee joint using cement</td>
</tr>
<tr>
<td>W40.4</td>
<td>Revision of one component of total prosthetic replacement of knee joint using cement</td>
</tr>
<tr>
<td>W40.8</td>
<td>Other specified total prosthetic replacement of knee joint using cement</td>
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<tr>
<td>W40.9</td>
<td>Unspecified total prosthetic replacement of knee joint using cement</td>
</tr>
<tr>
<td>W40.0</td>
<td>Conversion from previous cemented total prosthetic replacement of knee joint</td>
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</tbody>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>W41</td>
<td>Total prosthetic replacement of knee joint not using cement <em>(Clean)</em></td>
</tr>
<tr>
<td>W41.1</td>
<td>Primary total prosthetic replacement of knee joint not using cement</td>
</tr>
<tr>
<td>W41.2</td>
<td>Conversion to total prosthetic replacement of knee joint not using cement</td>
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<tr>
<td>W41.3</td>
<td>Revision of total prosthetic replacement of knee joint not using cement</td>
</tr>
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<td>Revision of one component of total prosthetic replacement of knee joint not using cement.</td>
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<td>W41.8</td>
<td>Other specified total prosthetic replacement of knee joint not using cement</td>
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<td>W41.9</td>
<td>Unspecified total prosthetic replacement of knee joint not using cement</td>
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<tr>
<td>W41.0</td>
<td>Conversion from previous uncemented total prosthetic replacement of knee joint</td>
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<tbody>
<tr>
<td>W42</td>
<td>Other total prosthetic replacement of knee joint <em>(Clean)</em></td>
</tr>
<tr>
<td>W42.1</td>
<td>Primary total prosthetic replacement of knee joint not elsewhere classified</td>
</tr>
<tr>
<td>W42.2</td>
<td>Conversion to total prosthetic replacement of knee joint not elsewhere classified</td>
</tr>
<tr>
<td>W42.3</td>
<td>Revision of total prosthetic replacement of knee joint not elsewhere classified</td>
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<tr>
<td>W42.8</td>
<td>Other specified</td>
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<tr>
<td>W42.9</td>
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Unicompartamental (partial) knee replacements *(Clean)*

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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>W42.5</td>
<td>Revision of one component of total prosthetic replacement of knee joint NEC</td>
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<tr>
<td>W52</td>
<td>Prosthetic replacement of articulation of other bone using cement <em>(Clean)</em></td>
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<tr>
<td>W52.1</td>
<td>Primary prosthetic replacement of articulation of bone using cement not elsewhere classified</td>
</tr>
<tr>
<td>W52.2</td>
<td>Conversions to prosthetic replacement of articulation of bone using cement not elsewhere classified</td>
</tr>
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<td>W52.3</td>
<td>Revision of prosthetic replacement of articulation of bone using cement not elsewhere classified</td>
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<td>W52.9</td>
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<tr>
<td>W52.0</td>
<td>Conversion from previous cemented prosthetic replacement of articulation of bone not elsewhere classified</td>
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<td>W53</td>
<td>Prosthetic replacement of articulation of other bone not using cement <em>(Clean)</em></td>
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<td>W53.1</td>
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<tr>
<td>W53.2</td>
<td>Conversions to prosthetic replacement of articulation of bone not using cement not elsewhere classified</td>
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<td>W53.3</td>
<td>Revision of prosthetic replacement of articulation of bone not using cement not elsewhere classified</td>
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<tr>
<td>W53.8</td>
<td>Other specified</td>
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</table>
The minimum wound class for knee replacement surgery is clean

W53.9 Unspecified
W53.0 Conversion from previous uncemented prosthetic replacement of articulation of bone not elsewhere classified

W54 Other prosthetic replacement of other bone (Clean)
Includes: Prosthetic hemiarthroplasty of articulation of bone not elsewhere classified
W54.1 Primary prosthetic replacement of articulation of bone not elsewhere classified
W54.2 Conversion to prosthetic replacement of articulation of bone not elsewhere classified
W54.3 Revision of prosthetic replacement of articulation of bone not elsewhere classified
W54.8 Other specified
W54.9 Unspecified
W54.0 Conversion from previous prosthetic replacement of articulation of bone not elsewhere classified

Resurfacing of knee joint

W58 Other reconstruction of joint (Clean)
Exclude: Some similar operations for correction of congenital deformity (X19-X27)
W58.1 Primary resurfacing arthroplasty of joint
W58.2 Revision of resurfacing arthroplasty of joint
W58.8 Other specified other reconstruction of joint
W58.9 Unspecified other reconstruction of joint
W58.0 Conversion from previous resurfacing arthroplasty of joint
### Large bowel surgery

Incision, excision or anastomosis of the large bowel, including procedures that involve anastomosis of small to large bowel.

**Note:** For emergency operations on unprepared bowel, or obstructed bowel, the minimum wound class is contaminated.

#### Laparoscopic ‘assisted’ procedures

These can be included in the surveillance using the following Y75 codes as a secondary code to indicate the laparoscopic approach. For example, a laparoscopic assisted right hemicolectomy would be given a primary procedure code of H07.1 and a secondary code of Y75.1.

- **Y75.1** Laparoscopically assisted approach to the abdominal cavity.
- **Y75.2** Laparoscopic approach to the abdominal cavity not elsewhere classified.

Please see minimum wound class against each procedure.

**Bypass of small bowel to large bowel**

*Includes:* Bypass of small bowel by anastomosis of small bowel to large bowel

- G51.4 Bypass of duodenum by anastomosis of duodenum to colon (*Clean-contaminated*)
- G58.3 Total jejunectomy and anastomosis of duodenum to colon*
- G58.5 Partial jejunectomy and anastomosis of duodenum to colon*
- G61.3 Bypass of jejunum by anastomosis of jejunum to colon (*Clean-contaminated*)
- G69.4 Ileectomy and anastomosis of ileum to colon (*Clean-contaminated*)
- G71.3 Bypass of ileum by anastomosis of ileum to caecum (*Clean-contaminated*)
- G71.4 Bypass of ileum by anastomosis of ileum to transverse colon (*Clean-contaminated*)
- G71.5 Bypass of ileum by anastomosis of ileum to colon not elsewhere classified (*Clean-contaminated*)

*Includes:* Bypass of ileum by anastomosis of ileum to rectum

*Note:* Jejunectomy and anastomosis of duodenum to colon (G58.3, G58.5) are usually emergency operations for ischaemia. The minimum wound class is then contaminated.

**G72 Other connection of ileum (*Clean-contaminated*)**

*Includes:* Anastomosis of small bowel to large bowel not elsewhere classified

*Excludes:* When associated with concurrent excision of ileum (G69.4)

- G72.1 Anastomosis of ileum to caecum
- G72.2 Anastomosis of ileum to transverse colon
- G72.3 Anastomosis of ileum to colon not elsewhere classified
- G72.4 Anastomosis of ileum to rectum
- G72.5 Anastomosis of ileum to anus and creation of pouch however further qualified
- G72.8 Other specified
- G72.9 Unspecified

**H04 Total excision of colon and rectum (*Clean-Contaminated*)**

- H04.1 Panproctocolectomy and ileostomy
  *Includes:* Proctocolectomy not elsewhere classified
- H04.2 Panproctocolectomy and anastomosis of ileum to anus and creation of pouch however further qualified
- H04.3 Panproctocolectomy and anastomosis of ileum to anus not elsewhere classified
- H04.8 Other specified
- H04.9 Unspecified

**H05 Total excision of colon (*Clean-Contaminated*)**

- H05.1 Total colectomy and anastomosis of ileum to rectum
- H05.2 Total colectomy and ileostomy and creation of rectal fistula however further qualified
- H05.3 Total colectomy and ileostomy not elsewhere classified
- H05.8 Other specified
- H05.9 Unspecified
Please see minimum wound class against each procedure

**H06**  Extended excision of right hemicolon *(Clean-Contaminated)*
Includes: Excision of right colon and other segment of ileum or colon and surrounding tissue

- H06.1  Extended right hemicolectomy and end to end anastomosis
- H06.2  Extended right hemicolectomy and anastomosis of ileum to colon
- H06.3  Extended right hemicolectomy and anastomosis not elsewhere classified
- H06.4  Extended right hemicolectomy and ileostomy however further qualified
- H06.5  Extended right hemicolectomy and end to side anastomosis
- H06.8  Other specified
- H06.9  Unspecified

**H07**  Other excision of right hemicolon *(Clean-Contaminated)*
Includes: Limited excision of caecum and terminal ileum caecum

- H07.1  Right hemicolectomy and end to end anastomosis of ileum to colon
  Includes: Ileocaecal resection
- H07.2  Right hemicolectomy and side to side anastomosis of ileum to transverse colon
- H07.3  Right hemicolectomy and anastomosis not elsewhere classified
- H07.5  Right hemicolectomy and end to side anastomosis
- H07.8  Other specified
- H07.9  Unspecified

**H08**  Excision of transverse colon *(Clean-Contaminated)*

- H08.1  Transverse colectomy and end to end anastomosis
- H08.2  Transverse colectomy and anastomosis of ileum to colon
- H08.3  Transverse colectomy and anastomosis not elsewhere classified
- H08.4  Transverse colectomy and ileostomy however further qualified
- H08.5  Transverse colectomy and exteriorisation of bowel not elsewhere classified*
- H08.6  Transverse colectomy and end to side anastomosis
- H08.8  Other specified
- H08.9  Unspecified

*Note: Use secondary code for exteriorisation of caecum (H14) or other exteriorisation of colon (H15)

**H09**  Excision of left hemicolon *(Clean-Contaminated)*

- H09.1  Left hemicolectomy and end to end anastomosis of colon to rectum
- H09.2  Left hemicolectomy and end to end anastomosis of colon to colon
- H09.3  Left hemicolectomy and anastomosis not elsewhere classified
- H09.4  Left hemicolectomy and ileostomy however further qualified
- H09.5  Left hemicolectomy and exteriorisation of bowel not elsewhere classified*
- H09.6  Left hemicolectomy and end to side anastomosis
- H09.8  Other specified
- H09.9  Unspecified

*Note: Use secondary code for exteriorisation of caecum (H14) or other exteriorisation of colon (H15)

**H10**  Excision of sigmoid colon *(Clean-Contaminated)*

- H10.1  Sigmoid colectomy and end to end anastomosis of ileum to rectum
- H10.2  Sigmoid colectomy and anastomosis of colon to rectum
- H10.3  Sigmoid colectomy and anastomosis not elsewhere classified
- H10.4  Sigmoid colectomy and ileostomy however further qualified
- H10.5  Sigmoid colectomy and exteriorisation of bowel not elsewhere classified*
- H10.6  Sigmoid colectomy and end to side anastomosis
- H10.8  Other specified
- H10.9  Unspecified

*Note: Use secondary code for exteriorisation of caecum (H14) or other exteriorisation of colon (H15)

**H11**  Other excision of colon *(Clean-Contaminated)*
Includes: Excision of colon where segment removed is not stated

- H11.1  Colectomy and end to end anastomosis of colon to colon not elsewhere classified
H11.2 Colectomy and side to side anastomosis of ileum to colon not elsewhere classified
H11.3 Colectomy and anastomosis not elsewhere classified
H11.4 Colectomy and ileostomy not elsewhere classified
H11.5 Colectomy and exteriorisation of bowel not elsewhere classified*
H11.6 Colectomy and end to side anastomosis NEC
H11.8 Other specified

Please see minimum wound class against each procedure

H11.9 Unspecified
Includes: Colectomy or hemicolecctomy not elsewhere classified
*Note: Use secondary code for exteriorisation of caecum (H14) or other exteriorisation of colon (H15)

H12 Extirpation of lesion of colon
Includes: Caecum
H12.1 Excision of diverticulum of colon (Dirty)
H12.2 Excision of lesion of colon to not elsewhere classified
H12.3 Destruction of lesion of colon not elsewhere classified
H12.8 Other specified
H12.9 Unspecified

H13 Bypass of colon (Clean-Contaminated)
Includes: Caecum
Excludes: Bypass of colon when associated with excision of colon (H04-H11)
H13.1 Bypass of colon by anastomosis of ileum to colon
H13.2 Bypass of colon by anastomosis of caecum to sigmoid colon
H13.3 Bypass of colon by anastomosis of transverse colon to sigmoid colon
H13.4 Bypass of colon by anastomosis of transverse colon to rectum
H13.5 Bypass of colon by anastomosis of colon to rectum not elsewhere classified
H13.8 Other specified
H13.9 Unspecified

H14 Exteriorisation of caecum (Contaminated)
H14.1 Tube caecostomy
H14.2 Refashioning of caecostomy
H14.3 Closure of caecostomy
H14.8 Other specified
H14.9 Unspecified
Includes: Caecostomy not elsewhere classified

H15 Other exteriorisation of colon
Excludes: Dilatation of colostomy (H15.5)
H15.1 Loop colostomy (Clean-Contaminated)
H15.2 End colostomy (Clean-Contaminated)
H15.3 Refashioning of colostomy (Contaminated)
H15.4 Closure of colostomy (Contaminated)
H15.6 Reduction of prolapse of colostomy (Clean-Contaminated)
H15.8 Other specified
H15.9 Unspecified
Includes: colostomy not elsewhere classified
Please see minimum wound class against each procedure

H16 Incision of colon *(Clean contaminated)*
   Includes: Caecum

H16.1 Drainage of colon
   Includes: Drainage of pericolonic tissue

H16.2 Caecotomy

H16.3 Colotomy

H16.8 Other specified

H16.9 Unspecified

H29 Subtotal excision of colon and rectum *(Clean contaminated)*

H29.1 Subtotal excision of colon and rectum and creation of colonic pouch and anastomosis of colon to anus

H29.2 Subtotal excision of colon and rectum and creation of colonic pouch NEC

H29.3 Subtotal excision of colon and creation of colonic pouch and anastomosis of colon to rectum.

H29.4 Subtotal excision of colon and creation of colonic pouch NEC

H29.8 Other specified subtotal excision of colon

H29.9 Unspecified subtotal excision of colon

H33 Excision of rectum *(Clean contaminated)*
   Includes: Excision of whole or part of rectum with or without part of sigmoid colon

H33.1 Abdominoperineal excision of rectum and end colostomy

H33.2 Proctectomy and anastomosis of colon to anus

H33.3 Anterior resection of rectum and anastomosis of colon to rectum using staples
   Includes: Rectosigmoidectomy and anastomosis of colon to rectum

H33.4 Anterior resection of rectum and anastomosis not elsewhere classified

H33.5 Rectosigmoidectomy and closure of rectal stump and exteriorisation of bowel*

H33.6 Anterior resection of rectum and exteriorisation of bowel*

H33.7 Perineal resection of rectum HFQ

H33.8 Other specified

H33.9 Unspecified
   Includes: Rectosigmoidectomy not elsewhere classified

*Note: Use secondary code for creation of artificial opening into ileum (G74); exteriorisation of caecum (H14) or other exteriorisation of colon (H15)
Limb amputation

Total or partial amputation or disarticulation of the upper or lower limbs, including digits

Note: Amputations where the limb is ischaemic, or where dry gangrene is present should be classified as clean. Amputations through, or adjacent to, an area of acute inflammation (without pus or ulceration) should be classified as contaminated. Amputations adjacent to, or through necrotic ulcers and/or purulent areas should be classified as dirty

X07 Amputation of arm (See note above)
X07.1 Forequarter amputation
X07.2 Disarticulation of shoulder
X07.3 Amputation of arm above elbow
X07.4 Amputation of arm through elbow
X07.5 Amputation of arm through forearm
X07.8 Other specified
X07.9 Unspecified

X08 Amputation of hand (See note above)
X08.1 Amputation of hand at wrist
X08.2 Amputation of thumb
Excludes: Amputation of duplicate thumb (X21.5)
X08.3 Amputation of phalanx of finger
X08.4 Amputation of finger not elsewhere classified
Excludes: Amputation of supernumerary finger (X21.6)
X08.8 Other specified
X08.9 Unspecified

X09 Amputation of leg (See note above)
X09.1 Hindquarter amputation
X09.2 Disarticulation of hip
X09.3 Amputation of leg above knee
X09.4 Amputation of leg through knee
X09.5 Amputation of leg below knee
X09.8 Other specified
X09.9 Unspecified

X10 Amputation of foot (See note above)
X10.1 Amputation of foot through ankle
X10.2 Disarticulation of tarsal bones
X10.3 Disarticulation of metatarsal bones
X10.4 Amputation through metatarsal bones
X10.8 Other specified
X10.9 Unspecified

X11 Amputation of toe (See note above)

Excludes: Amputation of supernumerary toe (27.3)
X11.1 Amputation of great toe
X11.2 Amputation of phalanx of toe
X11.8 Other specified
X11.9 Unspecified
Includes: Disarticulation of toe
Reduction of long bone fracture
(humerus, ulna, radius, femur, tibia and fibula)

Includes open or closed reduction of fracture of long bones requiring intramedullary or extramedullary fixation where an incision is made to establish fixation. Excludes: external fixation, hip replacement following fracture, fracture of the neck of femur or open reduction of small bones or intraarticular fracture.

Note: If the fracture is open and the operation is performed within the first 10 hours, the minimum wound class is contaminated. If the operation is performed after 10 hours, the minimum wound class is dirty.

The minimum wound class for reduction of long bone surgery is clean

W19 Primary open reduction of fracture of bone and intramedullary fixation* (Clean)
Includes: Open reduction of fracture of bone and intramedullary fixation not elsewhere classified
Excludes: Fracture dislocation
Primary open reduction of fracture of small bone and fixation using screw (W19.4)

W19.2 Primary open reduction of fracture of long bone and fixation using rigid nail (reamed and locked) not elsewhere classified
W19.3 Primary open reduction of fracture of long bone and fixation using flexible nail (unreamed and locked)
W19.5 Primary open reduction of fragment of bone and fixation using screw
W19.6 Primary open reduction of fragment of bone and fixation using wire system
W19.8 Other specified
W19.9 Unspecified

W20 Primary open reduction of fracture of bone and extramedullary fixation (Clean)
Includes: Primary open reduction of fracture of bone and extramedullary fixation not elsewhere classified
Open reduction of fracture of bone and extramedullary fixation not elsewhere classified
Open reduction of fracture of bone and fixation not elsewhere classified
Excludes: Fracture dislocation (W65)
Wiring of sternum (W20.6)

W20.1 Primary open reduction of fracture of long bone and extramedullary fixation using plate not elsewhere classified
W20.2 Primary open reduction of fracture of long bone and extramedullary fixation using circlage
W20.3 Primary open reduction of fracture of long bone and extramedullary fixation using suture
W20.4 Primary open reduction of fracture of long bone and extramedullary fixation not elsewhere classified
W20.5 Primary open reduction of fracture of ankle and extramedullary fixation not elsewhere classified
W20.8 Other specified
W20.9 Unspecified primary open reduction of fracture of bone and extramedullary fixation

W22 Other primary reduction of fracture of bone (Clean)
Includes: Open reduction of fracture of bone not elsewhere classified
Excludes: Fracture dislocation (W65)

W22.1 Primary open reduction of fracture of bone and skeletal traction HFQ
W22.2 Primary open reduction of fracture of bone and external fixation HFQ
W22.8 Other specified
W22.9 Unspecified

HFQ – however further qualified
The minimum wound class for reduction of long bone surgery is clean

W23  Secondary open reduction of fracture of bone *(Clean)*
     *Excludes: Secondary open reduction of intraarticular fracture of bone (W23.3)*

   - W23.1  Secondary open reduction of fracture of bone and intramedullary fixation HFQ
   - W23.2  Secondary open reduction of fracture of bone and extramedullary fixation HFQ
   - W23.4  Secondary open reduction of fracture of bone and skeletal traction HFQ
   - W23.5  Secondary open reduction of fracture of bone and external fixation HFQ
   - W23.6  Secondary open reduction of fracture of bone and internal fixation HFQ
   - W23.8  Other specified
   - W23.9  Unspecified

W24  Closed reduction of fracture of bone and internal fixation *(Clean)*

   - W24.2  Closed reduction of fracture of long bone and rigid internal fixation NEC
   - W24.3  Closed reduction of fracture of long bone and flexible internal fixation HFQ
   - W24.5  Closed reduction of fragment of bone and fixation using screw
             *HFQ – however further qualified*
   - W24.6  Closed reduction of fracture of bone and fixation using nail or screw
Repair of neck of femur

Includes hemiarthroplasty i.e. replacement of the head of femur only, including revision of a previous hemiarthroplasty (but excluding conversion to total joint replacement) and reduction of fracture of the neck of femur using pin and plate, dynamic hip screw or cannulated screw.

The minimum wound class for repair of neck of femur surgery is clean

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>W46</td>
<td><strong>Prosthetic replacement of head of femur using cement (Clean)</strong>&lt;br&gt;Includes: Prosthetic hemiarthroplasty of head of femur using cement</td>
</tr>
<tr>
<td>W46.1</td>
<td>Primary prosthetic replacement of head of femur using cement</td>
</tr>
<tr>
<td>W46.2</td>
<td>Conversion to prosthetic replacement of head of femur using cement</td>
</tr>
<tr>
<td>W46.3</td>
<td>Revision of prosthetic replacement of head of femur using cement</td>
</tr>
<tr>
<td>W46.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>W46.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>W46.0</td>
<td>Conversion from previous cemented prosthetic replacement of head of femur</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W47</td>
<td><strong>Prosthetic replacement of head of femur not using cement (Clean)</strong>&lt;br&gt;Includes: Prosthetic hemiarthroplasty of head of femur not using cement</td>
</tr>
<tr>
<td>W47.1</td>
<td>Primary prosthetic replacement of head of femur not using cement</td>
</tr>
<tr>
<td>W47.2</td>
<td>Conversion to prosthetic replacement of head of femur not using cement</td>
</tr>
<tr>
<td>W47.3</td>
<td>Revision of prosthetic replacement of head of femur not using cement</td>
</tr>
<tr>
<td>W47.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>W47.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>W47.0</td>
<td>Conversion from previous uncemented prosthetic replacement of head of femur</td>
</tr>
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</table>

<table>
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<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W48</td>
<td><strong>Other prosthetic replacement of head of femur (Clean)</strong>&lt;br&gt;Includes: Prosthetic hemiarthroplasty of head of femur not elsewhere classified</td>
</tr>
<tr>
<td>W48.1</td>
<td>Primary prosthetic replacement of head of femur not elsewhere classified</td>
</tr>
<tr>
<td>W48.2</td>
<td>Conversion to prosthetic replacement of head of femur not elsewhere classified</td>
</tr>
<tr>
<td>W48.3</td>
<td>Revision of prosthetic replacement of head of femur not elsewhere classified</td>
</tr>
<tr>
<td>W48.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>W48.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>W48.0</td>
<td>Conversion from previous prosthetic replacement of head of femur not elsewhere classified</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>W19</td>
<td><strong>Reduction of fracture of the neck of femur (Clean)</strong></td>
</tr>
<tr>
<td>W19.1</td>
<td>Primary open reduction of fracture of neck of femur and open fixation using pin and plate&lt;br&gt;Includes: Primary open reduction of fracture of neck of femur and open fixation using dynamic hip screw</td>
</tr>
<tr>
<td>W24.1</td>
<td>Closed reduction of intracapsular fracture of the neck of femur and fixation using nail or screw</td>
</tr>
</tbody>
</table>
Small bowel surgery

Incision, excision or anastomosis of small intestine, excluding procedures which involve anastomosis of small to large bowel.

Laparoscopic ‘assisted’ procedures

These can be included in the surveillance using the following Y75 codes as a secondary code to indicate the laparoscopic approach. For example, a laparoscopic assisted closure of perforated ulcer of duodenum would be given a primary procedure code of G52.1 and a secondary code of Y75.1.

Y75.1 Laparoscopically assisted approach to the abdominal cavity
Y75.2 Laparoscopic approach to the abdominal cavity not elsewhere classified.

Please see minimum wound class against each procedure

G49 Excision of duodenum *(Clean-Contaminated)*
Exclude: Pancreaticoduodenectomy (J56)

G49.1 Gastroduodenectomy
G49.2 Total excision of duodenum
G49.3 Partial excision of duodenum
G49.8 Other specified
G49.9 Unspecified
Include: Duodenectomy not elsewhere classified

G50 Open extirpation of lesion of duodenum *(Clean-Contaminated)*

G50.1 Excision of lesion of duodenum
G50.2 Open destruction of lesion of duodenum
G50.8 Other specified
G50.9 Unspecified

G51 Bypass of duodenum *(Clean-Contaminated)*
Exclude: Bypass of duodenum by anastomosis of duodenum to colon (G51.4)

G51.1 Bypass of duodenum by anastomosis of stomach to jejunum
G51.2 Bypass of duodenum by anastomosis of duodenum to duodenum
G51.3 Bypass of duodenum by anastomosis of duodenum to jejunum
G51.8 Other specified
G51.9 Unspecified

G52 Operations on ulcer of duodenum

G52.1 Closure of perforated ulcer of duodenum *(Contaminated)*
G52.2 Suture of ulcer of duodenum not elsewhere classified *(Clean-Contaminated)*
G52.3 Oversew of blood vessel of duodenal ulcer
G52.8 Other specified
G52.9 Unspecified

G53 Other open operations on duodenum
Exclude: Open biopsy of lesion of duodenum (G53.1)
Open insertion of tubal prosthesis into duodenum (G53.4)
Correction of malrotation of duodenum (G53.6)

G53.2 Closure of perforation of duodenum not elsewhere classified *(Contaminated)*
G53.3 Open removal of foreign body, from duodenum *(Clean-Contaminated)*
G53.5 Incision of duodenum not elsewhere classified
Include: Duodenotomy not elsewhere classified *(Clean-Contaminated)*

G58 Excision of jejunum* *(Clean-Contaminated)*
Exclude: Total jejunectomy and anastomosis of duodenum to colon (G58.3)
Partial jejunectomy and anastomosis of duodenum to colon (G58.5)

G58.1 Total jejunectomy and anastomosis of stomach to ileum
G58.2 Total jejunectomy and anastomosis of duodenum to ileum
G58.4 Partial jejunectomy and anastomosis of jejunum to ileum
Include: Jejunectomy and anastomosis of jejunum to jejunum
Please see minimum wound class against each procedure

G58.8  Other specified
G58.9  Unspecified
  *Includes: Jejunectomy not elsewhere classified

*Note: Usually emergency operation for ischaemia. The minimum wound class is then contaminated

G59  Exirpation of lesion of jejunum (*Clean-Contaminated*)
G59.1  Excision of lesion of jejunum
G59.2  Open destruction of lesion of jejunum
G59.8  Other specified
G59.9  Unspecified

G60  Artificial opening into jejunum
G60.1  Creation of jejunostomy (*Clean-Contaminated*)
G60.2  Refashioning of jejunostomy (*Contaminated*)
G60.3  Closure of jejunostomy (*Contaminated*)
G60.8  Other specified
G60.9  Unspecified

G61  Bypass of jejunum (*Clean-Contaminated*)
  *Excludes: Bypass of jejunum by anastomosis of jejunum to colon (G61.3)*
G61.1  Bypass of jejunum by anastomosis of jejunum to jejunum
G61.2  Bypass of jejunum by anastomosis of jejunum to ileum
G61.8  Other specified
G61.9  Other unspecified

G63  Other open operations on jejunum (*Clean-Contaminated*)
  *Excludes: Open biopsy of lesion of jejunum (G63.1) Open intubation of jejunum (G63.4)*
G63.2  Incision of jejunum (*Clean-Contaminated*)
G63.3  Closure of perforation of jejunum (*Contaminated*)

G68.1  Allotransplantation of ileum (*Clean-Contaminated*)
G68.8  Other specified transplantation of ileum
G68.9  Unspecified transplantation of ileum

G69  Excision of ileum (*Clean-Contaminated*)
  *Includes: Small intestine not elsewhere classified*  
  *Excludes: Ileectomy and anastomosis of ileum to colon (G69.4)*
G69.1  Ileectomy and anastomosis of stomach to ileum
G69.2  Ileectomy and anastomosis of duodenum to ileum
G69.3  Ileectomy and anastomosis of ileum to ileum
G69.8  Other specified
G69.9  Unspecified
  *Includes: Ileectomy not elsewhere classified*

G70  Open extirpation of lesion of ileum (*Clean-Contaminated*)
  *Includes: Small intestine not elsewhere classified*
G70.1  Excision of meckel diverticulum
G70.2  Excision of lesion of ileum not elsewhere classified
G70.3  Open destruction of lesion of ileum
G70.8  Other specified
G70.9  Unspecified
Please see minimum wound class against each procedure

**G71 Bypass of ileum (Clean-Contaminated)**
Includes: Small intestine not elsewhere classified
Excludes: Bypass of ileum by anastomosis of ileum to caecum (G71.3)
       Bypass of ileum by anastomosis of ileum to transverse colon (G71.4)
       Bypass of ileum by anastomosis of ileum to colon not elsewhere classified (G71.5)

G71.1 Bypass of ileum by anastomosis of jejunum to ileum
G71.2 Bypass of ileum by anastomosis of ileum to ileum
G71.6 Duodenal switch
G71.8 Other specified
G71.9 Unspecified

**G73 Attention to connection of ileum (Clean-Contaminated)**
Includes: Small intestine not elsewhere classified

G73.1 Revision of anastomosis of ileum
G73.2 Closure of anastomosis of ileum
G73.3 Resection of ileostomy
G73.4 Resection of ileo-colic anastomosis
G73.8 Other specified
G73.9 Unspecified

**G74 Creation of artificial opening into ileum (Clean-Contaminated)**
Includes: Small intestine not elsewhere classified

G74.1 Creation of continent ileostomy
G74.2 Creation of temporary ileostomy
G74.3 Creation of defunctioning ileostomy
       Includes: Creation of split ileostomy
G74.8 Other specified
G74.9 Unspecified

**G75 Attention to artificial opening into ileum (Clean-Contaminated)**
Includes: Small intestine not elsewhere classified
Excludes: Dilation of ileostomy (G75.4)

G75.1 Refashioning of ileostomy (Contaminated)
G75.2 Repair of prolapse of ileostomy (Clean-Contaminated)
G75.3 Closure of ileostomy (Contaminated)
G75.8 Other specified (Clean-Contaminated)
G75.9 Unspecified (Clean-Contaminated)

**G78 Other open operations on ileum (Clean-Contaminated)**
Includes: Small intestine not elsewhere classified
Excludes: Open biopsy of lesion of ileum (G78.1)
       Open intubation of ileum (G78.6)

G78.2 Strictureplasty of ileum (Clean-Contaminated)
G78.3 Removal of foreign body from ileum (Clean-Contaminated)
G78.4 Closure of perforation of ileum (Contaminated)
G78.5 Exclusion of segment of ileum (Clean-Contaminated)
G78.8 Other specified (Clean-Contaminated)
G78.9 Unspecified (Clean-Contaminated)
Spinal Surgery

Surgical procedures on the vertebral structures of the spine including the exploration or decompression of the spinal cord, the removal or resection of intervertebral discs, spinal fusion; and repair of fractures or deformities.

The minimum wound class for spinal surgery is clean

Use an additional code to specify levels of spine (V55.1, V55.2, V55.3, V55.8 and V55.9 listed below)

V22 Primary decompression operations on cervical spine. (Clean)
Includes: decompression operations on cervical spine NEC
V22.1 Primary anterior decompression of cervical spinal cord and fusion of cervical spine
V22.2 Primary anterior decompression of cervical spinal cord NEC
V22.3 Primary foraminotomy of cervical spine
V22.4 Primary anterior corpectomy of cervical spine with reconstruction HFQ
V22.5 Primary decompression of posterior fossa and upper cervical spinal cord and instrumentation
V22.6 Primary decompression of posterior fossa and upper cervical spinal cord NEC
V22.7 Primary laminoplasty of cervical spine
V22.8 Other specified
V22.9 Unspecified

V23 Revisional decompression operations on cervical spine (Clean)
V23.1 Revisional anterior decompression of cervical spinal cord and fusion of cervical spine
V23.2 Revisional anterior decompression of cervical spinal cord NEC
V23.3 Revisional foraminotomy of cervical spine.
V23.4 Revisional anterior corpectomy of cervical spine with reconstruction HFQ
V23.5 Revisional decompression of posterior fossa and upper cervical spinal cord and instrumentation
V23.6 Revisional decompression of posterior fossa and upper cervical spinal cord NEC
V23.7 Revisional laminoplasty of cervical spine
V23.8 Other specified
V23.9 Unspecified

V24 Primary decompression operations on thoracic spine. (Clean)
V24.1 Primary decompression of thoracic spinal cord and fusion of thoracic spine
Includes: Decompression of thoracic spinal cord and fusion of joint of thoracic spine
V24.2 Primary decompression of thoracic spinal cord NEC
Includes: Decompression of thoracic spinal cord NEC
V24.3 Revisional decompression of thoracic spinal cord NEC
V24.4 Primary anterior corpectomy of thoracic spine with reconstruction HFQ
Includes: Anterior corpectomy of thoracic spinal cord and reconstruction HFQ
V24.5 Revisional anterior corpectomy of thoracic spine and reconstruction HFQ
V24.8 Other specified
V24.9 Unspecified

V25 Primary decompression operations on lumbar spine (Clean)
V25.1 Primary extended decompression of lumbar spinal cord and intertransverse fusion of joint of lumbar spine
V25.2 Primary extended decompression of lumbar spinal cord NEC
V25.3 Primary posterior decompression of lumbar spinal cord and intertransverse fusion of joint of lumbar spine.
V25.4 Primary posterior laminectomy decompression of lumbar spinal cord.
V25.5 Primary posterior decompression of lumbar spinal cord NEC
V25.6 Primary lateral foraminotomy of lumbar spine
V25.7 Revisional anterior corpectomy of lumbar spine and reconstruction HFQ
V25.8 Other specified
V25.9 Unspecified
The minimum wound class for spinal surgery is clean

V26  Revisional decompression operations on lumbar spine (*Clean*)

*Excludes: revisional insertion of lumbar interspinous process spacer (V28.2)*

V26.1 Revisional extended decompression of lumbar spinal cord and intertransverse fusion of joint of lumbar spine
V26.2 Revisional extended decompression of lumbar spinal cord NEC
V26.3 Revisional posterior decompression of lumbar spinal cord and intertransverse fusion of joint of lumbar spine.
V26.4 Revisional posterior laminectomy decompression of lumbar spinal cord.
V26.5 Revisional posterior decompression of lumbar spinal cord NEC
V26.6 Revisional lateral foraminotomy of lumbar spine
V26.8 Other specified
V26.9 Unspecified

V27  Decompression operations on unspecified spine (*Clean*)

V27.1 Primary decompression of spinal cord and fusion of joint of spine NEC

*Includes: decompression of spinal cord and fusion of joint of spine NEC*

V27.2 Primary decompression of spinal cord. NEC

*Includes: Decompression of spinal cord NEC.*

V27.3 Revisional decompression of spinal cord NEC
V27.8 Other specified
V27.9 Unspecified

V29  Primary excision of cervical intervertebral disc (*Clean*)

*Includes: Excision of cervical intervertebral disc NEC.*

V29.1 Primary laminectomy excision of cervical intervertebral disc
V29.2 Primary hemilaminectomy excision of intervertebral disc
V29.3 Primary fenestration excision of cervical intervertebral disc.
V29.4 Primary anterior excision of cervical intervertebral disc and interbody fusion of joint of cervical spine
V29.5 Primary anterior excision of cervical intervertebral disc NEC
V29.6 Primary microdiscectomy of cervical intervertebral disc
V29.8 Other specified
V29.9 Unspecified

V30  Revisional excision of cervical intervertebral disc (*Clean*)

V30.1 Revisional laminectomy excision of cervical intervertebral disc
V30.2 Revisional hemilaminectomy excision of intervertebral disc
V30.3 Revisional fenestration excision of cervical intervertebral disc.
V30.4 Revisional anterior excision of cervical intervertebral disc and interbody fusion of joint of cervical spine
V30.5 Revisional anterior excision of cervical intervertebral disc NEC
V30.6 Revisional microdiscectomy of cervical intervertebral disc
V30.8 Other specified
V30.9 Unspecified

V31  Primary excision of thoracic intervertebral disc (*Clean*)

*Includes: Excision of thoracic intervertebral disc NEC.*

V31.1 Primary anteriolateral excision of thoracic intervertebral disc and graft HFQ
t1
V31.2 Primary anteriolateral excision of thoracic intervertebral disc NEQ
V31.3 Primary costotransversectomy of thoracic intervertebral disc
V31.8 Other specified
V31.9 Unspecified

V32  Revisional excision of thoracic intervertebral disc (*Clean*)

V32.1 Revisional anteriolateral excision of thoracic intervertebral disc and graft HFQ
t1
V32.2 Revisional anteriolateral excision of thoracic intervertebral disc NEQ
V32.3 Revisional costotransversectomy of thoracic intervertebral disc
V32.8 Other specified
V32.9 Unspecified

V33  Primary excision of lumbar intervertebral disc (*Clean*)

*Includes: Excision of lumbar intervertebral disc NEC.*

V33.1 Primary laminectomy excision of lumbar intervertebral disc
The minimum wound class for spinal surgery is clean

V33.2 Primary fenestration excision of lumbar intervertebral disc
V33.3 Primary anterior excision of lumbar intervertebral disc and interbody fusion of joint of lumbar spine
V33.4 Primary anterior excision of lumbar intervertebral disc NEC
V33.5 Primary anterior excision of lumbar intervertebral disc and posterior graft fusion of joint of lumbar spine
V33.6 Primary anterior excision of lumbar intervertebral disc and posterior instrumentation of lumbar spine
V33.7 Primary microdiscectomy of lumbar intervertebral disc
V33.8 Other specified
  Includes: Primary posterior excision of lumbar intervertebral disc
V33.9 Unspecified

V34 Revisional excision of lumbar intervertebral disc (Clean)
V34.1 Revisional laminectomy excision of lumbar intervertebral disc
V34.2 Revisional fenestration excision of lumbar intervertebral disc
V34.3 Revisional anterior excision of lumbar intervertebral disc and interbody fusion of joint of lumbar spine
V34.4 Revisional anterior excision of lumbar intervertebral disc NEC
V34.5 Revisional anterior excision of lumbar intervertebral disc and posterior graft fusion of joint of lumbar spine
V34.6 Revisional anterior excision of lumbar intervertebral disc and posterior instrumentation of lumbar spine
V34.7 Revisional microdiscectomy of lumbar intervertebral disc
V34.8 Other specified
  Includes: Primary posterior excision of lumbar intervertebral disc
V34.9 Unspecified

V35 Excision of unspecified intervertebral disc (Clean)
V35.1 Primary excision of intervertebral disc NEC
V35.2 Revisional excision of intervertebral disc NEC
V35.8 Other specified
V35.9 Unspecified

V36 Prosthetic replacement of intervertebral disc (Clean)
Note: Use an additional code to specify levels of spine (V55)
V36.1 Prosthetic replacement of cervical intervertebral disc
V36.2 Prosthetic replacement of thoracic intervertebral disc
V36.3 Prosthetic replacement of lumbar intervertebral disc
V36.8 Other specified
V36.9 Unspecified

V37 Primary fusion of joint of cervical spine (Clean)
  Includes: Fusion of joint of cervical spine NEC
  Fusion of joint of cervical spine for stabilisation
  Fusion of joint of cervical spine using cable wire fixation
V37.1 Posterior fusion of atlantoaxial joint NEC
V37.2 Posterior fusion of joint of cervical spine NEC
V37.4 Fusion of atlantooccipital joint
V37.5 Posterior fusion of atlantoaxial joint using transarticular screw
V37.6 Posterior fusion of atlantoaxial joint using pedicle screw
V37.7 Fusion of occipitocervical NEC junction
V37.8 Other specified
V37.9 Unspecified

V38 Primary fusion of other joint of spine (Clean)
  Includes: Fusion of joint of spine NEC
  Unspecified spine
  Fusion of joint of spine for stabilisation
V38.1 Primary fusion of joint of thoracic spine
V38.2 Primary posterior interlaminar fusion of joint of lumbar spine
The minimum wound class for spinal surgery is clean

V38.3 Primary posterior fusion of joint of lumbar spine NEC
Includes: Primary posterior interspinous fusion of lumbar spine.
V38.4 Primary intertransverse fusion of joint of lumbar spine NEC
V38.5 Primary posterior interbody fusion of joint of lumbar spine
V38.6 Primary transforaminal interbody fusion of joint of lumbar spine
V38.8 Other specified
V38.9 Unspecified

V39 Revisional fusion of other joint of spine (Clean)
Includes: Revisional fusion of joint of spine for stabilisation
V39.1 Revisional fusion of joint of cervical spine NEC
V39.2 Revisional fusion of joint of thoracic spine
V39.3 Revisional posterior interlaminar fusion of joint of lumbar spine
V39.4 Revisional posterior fusion of joint of lumbar spine NEC
Includes: revisional posterior interspinous fusion of lumbar spine.
V39.5 Revisional intertransverse fusion of joint of lumbar spine
V39.6 Revisional posterior interbody fusion of joint of lumbar spine
V39.7 Revisional transforaminal interbody fusion of joint of lumbar spine
V39.8 Other specified
V39.9 Unspecified

V40 Stabilisation of spine (Clean)
Excludes: Fusion of spine for stabilisation (V37-V39)
Note: Use subsidiary code to specify levels of spine (V55)
V40.1 Non-rigid stabilisation of spine
Note: Excludes: Fusion of spine for stabilisation (V37–V39)
V40.2 Posterior instrumented fusion of cervical spine NEC
V40.3 Posterior instrumented fusion of thoracic spine NEC
V40.4 Posterior instrumented fusion of lumbar spine NEC
V40.5 Removal of instrumentation from spine
V40.8 Other specified
V40.9 Unspecified

V41 Instrumental correction of deformity of spine (Clean)
Only to be assigned for instrumented correction of spinal deformities, such as kyphosis and scoliosis and must not be used for instrumented spinal fusion which can be found at category V40 stabilisation of spine.
Excludes: Implantation of vertical expanding prosthetic titanium rib (O09.1 (W))
Note: Use an additional code to specify levels of spine (V55)
V41.1 Posterior attachment of correctional instrument to spine
V41.2 Anterior attachment of correctional instrument to spine
V41.3 Removal of correctional instrument to spine
V41.4 Anterior and posterior attachment of correctional instrument to spine
V41.8 Other specified
V41.9 Unspecified

V42 Other correction of deformity of spine (Clean)
Note: Use subsidiary code to specify levels of spine (V55)
V42.1 Excision of rib hump
V42.2 Epiphysiodesis of spinal apophyseal joint for correction of deformity
V42.3 Anterolateral release of spine for correction of deformity and graft HFQ
V42.4 Anterior and posterior epiphysiodesis of spine for correction of deformity
V42.5 Anterior epiphysiodesis of spine for correction of deformity NEC
V42.6 Posterior epiphysiodesis of spine for correction of deformity NEC
V42.8 Other specified
V42.9 Unspecified

V43 Extirpation of lesion of spine (Clean)
Note: Use subsidiary code to specify levels of spine (V55)
V43.1 Excision of lesion of cervical vertebra
V43.2 Excision of lesion of thoracic vertebra
V43.3 Excision of lesion of Lumbar vertebra
V43.8 Other specified
V43.9 Unspecified
V44  Decompression of fracture of spine (*Clean*)
    *Note*: Use subsidiary code to specify levels of spine (V55)
    V44.1  Complex decompression of fracture of spine
    V44.2  Anterior decompression of fracture of spine
    V44.3  Posterior decompression of fracture of spine
    V44.4  Vertebroplasty of fracture of spine
        *Includes*: Kyphoplasty of fracture of spine
    V44.8  Other specified
    V44.9  Unspecified

V45  Other reduction of fracture of spine (*Clean*)
    *Note*: Use subsidiary code to specify levels of spine (V55)
    V45.1  Open reduction of fracture of spine and excision of facet of spine
    V45.2  Open reduction of fracture of spine NEC

V46  Fixation of fracture of spine (*Clean*)
    *Note*: Use subsidiary code to specify levels of spine (V55)
    V46.1  Fixation of fracture of spine using plate
    V46.2  Fixation of fracture of spine using Harrington rod
    V46.3  Fixation of fracture of spine using wire
    V46.4  Fixation of fracture of spine and skull traction HFQ
    V46.5  Removal of fixation device from spine
    V46.8  Other specified
    V46.9  Unspecified

V49  Exploration of spine (*Clean*)
    *Note*: Do not use as approach code (Y48-50)
    Use subsidiary code to specify levels of spine (V55)
    V49.1  Exploratory cervical laminectomy
    V49.2  Exploratory thoracic laminectomy
    V49.3  Exploratory lumbar laminectomy
    V49.4  Exploratory laminectomy NEC
    V49.5  Transthoracic exploration of spine
    V49.6  Transperitoneal exploration of spine
    V49.8  Other specified
    V49.9  Unspecified

V51  Other primary excision of lumbar intervertebral disc
    Includes: Excision of lumbar intervertebral disc NEC
    V51.1  Primary direct lateral excision of lumbar intervertebral disc and interbody fusion of joint of lumbar spine
    V51.8  Other specified
    V51.9  Unspecified

V54  Other operations on spine (*Clean*)
    V54.1  Transoral excision of odontoid process of axis
    V54.2  Graft of bone to spine NEC
    V54.3  Osteotomy of spine NEC
    V54.8  Other specified other operations on spine
    V54.9  Unspecified other operations on spine

V55  Levels of spine
    These codes are not intended as primary codes. They represent the number of levels operated upon not the anatomical region of the spine.
    V55.1  One level of spine
    V55.2  Two levels of spine
    V55.3  Greater than two levels of spine
    V55.8  Other specified
    V55.9  Unspecified

V66  Other revisional fusion of joint of spine (*Clean*)
    *Includes*: Revisional fusion of joint of spine for stabilisation
    *Note*: Principal V39 Use an additional code to specify levels of spine (V55)
    V66.1  Revisional fusion of occipitocervical junction
    V66.2  Revisional posterior fusion of atlantoaxial joint using transarticular screw
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>V66.3</td>
<td>Revisional posterior fusion of atlantoaxial joint using pedicle screw</td>
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<td>V66.4</td>
<td>Revisional posterior fusion of atlantoaxial joint NEC</td>
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<tr>
<td>V66.8</td>
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<tr>
<td>V66.9</td>
<td>Unspecified</td>
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<tr>
<td>V67</td>
<td>Other primary decompression operations on lumbar spine (Clean)</td>
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<tr>
<td>V67.1</td>
<td>Primary posterior lumbar medial facetectomy</td>
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<tr>
<td>V67.2</td>
<td>Primary hemilaminectomy decompression of lumbar spine</td>
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<tr>
<td>V67.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>V67.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>V68</td>
<td>Other revisional decompression operations on lumbar spine (Clean)</td>
</tr>
<tr>
<td>V68.1</td>
<td>Revisional posterior lumbar medial facetectomy</td>
</tr>
<tr>
<td>V68.2</td>
<td>Revisional hemilaminectomy decompression of lumbar spine</td>
</tr>
<tr>
<td>V68.8</td>
<td>Other specified</td>
</tr>
<tr>
<td>V68.9</td>
<td>Unspecified</td>
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</tbody>
</table>
Vascular surgery

Operative procedure involving arteries or veins includes aortic aneurysm repair, vascular grafts, and carotid, iliac, femoral or popliteal artery operations. Excludes varicose vein repair, creation of arterial shunts, coronary artery bypass graft, or any procedures involving the pulmonary artery.

Note:
In categories L16 to L21, L48 to L54 and L56-L65 reference to iliac artery (not further qualified) should be understood to include:
- common iliac artery
- external iliac artery
- internal iliac artery

Similarly reference to femoral artery includes:
- common femoral artery
- deep femoral artery
- superficial femoral artery

The minimum wound class for vascular surgery is clean

L16 Extraanatomic bypass of aorta (Clean)
L16.1 Emergency bypass of aorta by anastomosis of axillary artery to femoral artery
L16.2 Bypass of aorta by anastomosis of axillary artery to femoral artery not elsewhere classified
L16.3 Bypass of aorta by anastomosis of axillary artery to bilateral femoral arteries
L16.8 Other specified
L16.9 Unspecified

L18 Emergency replacement of aneurysmal segment of aorta (Clean)
Includes: Emergency replacement of aneurysmal segment of aorta using prosthesis
L18.1 Emergency replacement of aneurysmal segment of ascending aorta by anastomosis of aorta to aorta
L18.2 Emergency replacement of aneurysmal segment of thoracic aorta by anastomosis of aorta to aorta not elsewhere classified
L18.3 Emergency replacement of aneurysmal segment of suprarenal abdominal aorta by anastomosis of aorta to aorta
L18.4 Emergency replacement of aneurysmal segment of infrarenal abdominal aorta by anastomosis of aorta to aorta
L18.5 Emergency replacement of aneurysmal segment of abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L18.6 Emergency replacement of aneurysmal bifurcation of aorta by anastomosis of aorta to iliac artery
L18.8 Other specified
L18.9 Unspecified

L19 Other replacement of aneurysmal segment of aorta (Clean)
Includes: Replacement of aneurysmal segment of aorta using prosthesis not elsewhere classified
L19.1 Replacement of aneurysmal segment of ascending aorta by anastomosis of aorta to aorta not elsewhere classified
L19.2 Replacement of aneurysmal segment of thoracic aorta by anastomosis of aorta to aorta not elsewhere classified
L19.3 Replacement of aneurysmal segment of suprarenal abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L19.4 Replacement of aneurysmal segment of infrarenal abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L19.5 Replacement of aneurysmal segment of abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L19.6 Replacement of aneurysmal bifurcation of aorta by anastomosis of aorta to iliac artery not elsewhere classified
L19.8 Other specified
L19.9 Unspecified
The minimum wound class for vascular surgery is clean

L20 Other emergency bypass of segment of aorta (Clean)
Includes: Emergency bypass of segment of aorta using prosthesis not elsewhere classified
         Emergency replacement of segment of aorta using prosthesis not elsewhere classified
         Emergency replacement of segment of aorta using prosthesis not elsewhere classified

L20.1 Emergency bypass of segment of ascending aorta by anastomosis of aorta to aorta not elsewhere classified
L20.2 Emergency bypass of segment of thoracic aorta by anastomosis of aorta to aorta not elsewhere classified
L20.3 Emergency bypass of segment of suprarenal abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L20.4 Emergency bypass of segment of infrarenal abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L20.5 Emergency bypass of segment of abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L20.6 Emergency bypass of bifurcation of aorta by anastomosis of aorta to iliac artery not elsewhere classified
L20.8 Other specified
L20.9 Unspecified

L21 Other bypass of segment of aorta (Clean)
Includes: Bypass of segment of aorta using prosthesis not elsewhere classified
         Replacement of segment of aorta not elsewhere classified
         Replacement of segment of aorta using prosthesis not elsewhere classified

L21.1 Bypass of segment of ascending aorta by anastomosis of aorta to aorta not elsewhere classified
L21.2 Bypass of segment of thoracic aorta by anastomosis of aorta to aorta not elsewhere classified
L21.3 Bypass of segment of suprarenal abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L21.4 Bypass of segment of infrarenal abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L21.5 Bypass of segment of abdominal aorta by anastomosis of aorta to aorta not elsewhere classified
L21.6 Bypass of bifurcation of aorta by anastomosis of aorta to iliac artery not elsewhere classified
L21.8 Other specified
L21.9 Unspecified

L22 Attention to prosthesis of aorta (Clean)
L22.1 Revision of prosthesis of thoracic aorta
L22.2 Revision of prosthesis of bifurcation of aorta
L22.3 Revision of prosthesis of abdominal aorta not elsewhere classified
L22.4 Removal of prosthesis from aorta
L22.8 Other specified
L22.9 Unspecified

L23 Plastic repair of aorta (Clean)
L23.1 Plastic repair of aorta and end to end anastomosis of aorta
L23.2 Plastic repair of aorta using subclavian flap
L23.3 Plastic repair of aorta using patch graft
L23.4 Release of vascular ring of aorta
L23.5 Revision of plastic repair of aorta
L23.6 Plastic repair of aorta and insertion of tube graft
L23.7 Repair of interrupted aortic arch
L23.8 Other specified
L23.9 Unspecified

L25 Other open operations on aorta (Clean)
Includes: Aortic body (L25.5)

L25.1 Endarterectomy of aorta and patch repair of aorta
L25.2 Endarterectomy of aorta not elsewhere classified
L25.3 Open embolectomy of bifurcation of aorta
The minimum wound class for vascular surgery is clean

*Includes: Open thrombectomy of bifurcation of aorta
Embolectomy of bifurcation of aorta not elsewhere classified
Thrombectomy of bifurcation of aorta not elsewhere classified*

L25.4  Operations on aneurysm of aorta not elsewhere classified
L25.5  Operations on aortic body
L25.8  Other specified
L25.9  Unspecified

**L28**  Transluminal insertion of stent graft for aneurismal segment of aorta *(Clean)*

*NOTE: Includes only procedures requiring an incision to expose a major blood vessel for access e.g. the femoral artery. **Does not include percutaneous procedures***

L28.1  Endovascular stenting for infrarenal abdominal aortic aneurism
L28.2  Endovascular stenting for suprarenal abdominal aortic aneurism
L28.3  Endovascular stenting for thoracic aortic aneurism
L28.4  Endovascular stenting for aortic dissection in any position
L28.5  Endovascular stenting of aortic bifurcation NEC
L28.6  Endovascular stenting of aorto-uniliac aneurism
L28.8  Other specified
L28.9  Unspecified

**L29**  Reconstruction of carotid artery *(Clean)*

L29.1  Replacement of carotid artery using graft
L29.2  Intracranial bypass to carotid artery
L29.3  Bypass to carotid artery not elsewhere classified
L29.4  Endarterectomy of carotid artery and patch repair of carotid artery
L29.5  Endarterectomy of carotid artery not elsewhere classified
L29.6  High flow interposition extracranial to intracranial bypass from external carotid artery to middle cerebral artery.
L29.7  Bypass of carotid artery by anastomosis of superficial temporal artery to middle cerebral artery.
L29.8  Other specified
L29.9  Unspecified

**L30**  Other open operations on carotid artery *(Clean)*

*Includes: Carotid body (L30.5)*

L30.1  Repair of carotid artery not elsewhere classified
L30.2  Ligation of carotid artery
L30.3  Open embolectomy of carotid artery

*Includes: Open thrombectomy of carotid artery
Embolectomy of carotid artery not elsewhere classified
Thrombectomy of carotid artery not elsewhere classified*

L30.4  Operations on aneurysm of carotid artery
L30.5  Operations on carotid body
L30.8  Other specified
L30.9  Unspecified
The minimum wound class for vascular surgery is clean

L37  Reconstruction of subclavian artery (Clean)
  Includes:  Axillary artery
            Brachial artery
            Vertebral artery
L37.1  Bypass of subclavian artery not elsewhere classified
L37.2  Endarterectomy of vertebral artery
L37.3  Endarterectomy of subclavian artery and patch repair of subclavian artery
L37.4  Endarterectomy of subclavian artery not elsewhere classified
L37.8  Other specified
L37.9  Unspecified

L38  Other open operations on subclavian artery (Clean)
  Includes:  Axillary artery
            Brachial artery
            Vertebral artery
L38.1  Repair of subclavian artery not elsewhere classified
L38.2  Ligation of subclavian artery
L38.3  Open embolectomy of subclavian artery
  Includes:  Open thrombectomy of subclavian artery
            Embolectomy of subclavian artery not elsewhere classified
            Thrombectomy of subclavian artery not elsewhere classified
L38.4  Operations on aneurysm of subclavian artery
L38.8  Other specified
L38.9  Unspecified

L41  Reconstruction of renal artery (Clean)
L41.1  Plastic repair of renal artery and end to end anastomosis of renal artery
L41.2  Bypass of renal artery
L41.3  Replantation of renal artery
L41.4  Endarterectomy of renal artery
L41.5  Translocation of branch of renal artery
L41.6  Patch angioplasty of renal artery
L41.8  Other specified
L41.9  Unspecified

L42  Other open operations on renal artery (Clean)
L42.1  Open embolectomy of renal artery
  Includes:  Open thrombectomy of renal artery
            Embolectomy of renal artery not elsewhere classified
            Thrombectomy of renal artery not elsewhere classified
L42.2  Open embolisation of renal artery
L42.3  Ligation of renal artery
L42.4  Operations on aneurysm of renal artery
L42.8  Other specified
L42.9  Unspecified

L45  Reconstruction of other visceral branch of abdominal aorta (Clean)
  Includes:  Coeliac artery
            Superior mesenteric artery
            Inferior mesenteric artery
            Suprarenal artery
L45.1  Bypass of visceral branch of abdominal aorta not elsewhere classified
L45.2  Replantation of visceral branch of abdominal aorta not elsewhere classified
L45.3  Endarterectomy of visceral branch of abdominal aorta and patch repair of visceral branch of abdominal aorta not elsewhere classified
L45.4  Endarterectomy of visceral branch of abdominal aorta not elsewhere classified
L45.8  Other specified
L45.9  Unspecified

L46  Other open operations on other visceral branch of abdominal aorta (Clean)
  Includes:  Coeliac artery
            Superior mesenteric artery
            Inferior mesenteric artery
            Suprarenal artery
The minimum wound class for vascular surgery is clean

L46.1 Open embolectomy of visceral branch of abdominal aorta not elsewhere classified
  Includes: Open thrombectomy of visceral branch of abdominal aorta not elsewhere classified
  Embolectomy of visceral branch of abdominal aorta not elsewhere classified
  Thrombectomy of visceral branch of abdominal aorta not elsewhere classified
L46.2 Open embolisation of visceral branch of abdominal aorta not elsewhere classified
L46.3 Ligation of visceral branch of abdominal aorta not elsewhere classified
L46.4 Operations on aneurysm of visceral branch of abdominal aorta not elsewhere classified
L46.8 Other specified
L46.9 Unspecified

L48 Emergency replacement of aneurysmal iliac artery (Clean)
  Includes: Emergency replacement of aneurysmal iliac artery using prosthesis
L48.1 Emergency replacement of aneurysmal common iliac artery by anastomosis of aorta to common iliac artery
L48.2 Emergency replacement of aneurysmal iliac artery by anastomosis of aorta to external iliac artery
  Includes: Emergency replacement of aneurysmal iliac artery by anastomosis of aorta to internal iliac artery
L48.3 Emergency replacement of aneurysmal artery of leg by anastomosis of aorta to common femoral artery
L48.4 Emergency replacement of aneurysmal artery of leg by anastomosis of aorta to superficial femoral artery
  Includes: Emergency replacement of aneurysmal artery of leg by anastomosis of aorta to deep femoral artery.
  Emergency replacement of aneurysmal artery of leg by anastomosis of aorta to popliteal artery
L48.5 Emergency replacement of aneurysmal iliac artery by anastomosis of iliac artery to iliac artery
L48.6 Emergency replacement of aneurysmal artery of leg by anastomosis of aorta to iliac artery
  Includes: Emergency replacement of aneurysmal artery of leg by anastomosis of aorta to femoral artery
L48.8 Other specified
L48.9 Unspecified

L49 Other replacement of aneurysmal iliac artery (Clean)
  Includes: Replacement of aneurysmal iliac artery using prosthesis not elsewhere classified
L49.1 Replacement of aneurysmal common iliac artery by anastomosis of aorta to common iliac artery not elsewhere classified
L49.2 Replacement of aneurysmal iliac artery by anastomosis of aorta to external iliac artery not elsewhere classified
  Includes: Replacement of aneurysmal iliac artery by anastomosis of aorta to internal iliac artery not elsewhere classified
L49.3 Replacement of aneurysmal artery of leg by anastomosis of aorta to common femoral artery not elsewhere classified
L49.4 Replacement of aneurysmal artery of leg by anastomosis of aorta to superficial femoral artery not elsewhere classified
  Includes: Replacement of aneurysmal artery of leg by anastomosis of aorta to deep femoral artery not elsewhere classified
  Replacement of aneurysmal artery of leg by anastomosis of aorta to popliteal artery not elsewhere classified
L49.5 Replacement of aneurysmal iliac artery by anastomosis of iliac artery to iliac artery not elsewhere classified
L49.6 Replacement of aneurysmal artery of leg by anastomosis of iliac artery to femoral artery not elsewhere classified
  Includes: Replacement of aneurysmal artery of leg by anastomosis of iliac artery to popliteal artery not elsewhere classified
L49.8 Other specified
L49.9 Unspecified

L50 Other emergency bypass of iliac artery (Clean)
The minimum wound class for vascular surgery is clean

*Includes: Emergency bypass of iliac artery using prosthesis not elsewhere classified
  Emergency replacement of iliac artery not elsewhere classified
  Emergency replacement of iliac artery using prosthesis not elsewhere classified

L50.1 Emergency bypass of common iliac artery by anastomosis of aorta to common iliac artery not elsewhere classified

L50.2 Emergency bypass of iliac artery by anastomosis of aorta to external iliac artery not elsewhere classified

*Includes: Emergency bypass of iliac artery by anastomosis of aorta to internal iliac artery not elsewhere classified

L50.3 Emergency bypass of artery of leg by anastomosis of aorta to common femoral artery not elsewhere classified

L50.4 Emergency bypass of artery of leg by anastomosis of aorta to deep femoral artery not elsewhere classified

*Includes: Emergency bypass of artery of leg by anastomosis of aorta to superficial femoral artery not elsewhere classified
  Emergency bypass of artery of leg by anastomosis of aorta to popliteal artery not elsewhere classified

L50.5 Emergency bypass of iliac artery by anastomosis of iliac artery to iliac artery not elsewhere classified

L50.6 Emergency bypass of artery of leg by anastomosis of iliac artery to femoral artery not elsewhere classified

*Includes: Emergency bypass of artery of leg by anastomosis of iliac artery to popliteal artery not elsewhere classified

L50.8 Other specified

*Includes: Emergency aortoiliac anastomosis not elsewhere classified
  Emergency aortofemoral anastomosis not elsewhere classified
  Emergency iliofemoral anastomosis not elsewhere classified

L50.9 Unspecified

L51 Other bypass of iliac artery (*Clean*)

*Includes: Bypass of iliac artery using prosthesis not elsewhere classified
  Replacement of iliac artery not elsewhere classified
  Replacement of iliac artery using prosthesis not elsewhere classified

L51.1 Bypass of common iliac artery by anastomosis of aorta to common iliac artery not elsewhere classified

L51.2 Bypass of iliac artery by anastomosis of aorta to external iliac artery not elsewhere classified

*Includes: Bypass of iliac artery by anastomosis of aorta to internal iliac artery not elsewhere classified

L51.3 Bypass of artery of leg by anastomosis of aorta to common femoral artery not elsewhere classified

L51.4 Bypass of artery of leg by anastomosis of aorta to deep femoral artery not elsewhere classified

*Includes: Bypass of artery of leg by anastomosis of aorta to superficial femoral artery not elsewhere classified
  Bypass of artery of leg by anastomosis of aorta to popliteal artery not elsewhere classified

L51.5 Bypass of iliac artery by anastomosis of iliac artery to iliac artery not elsewhere classified

L51.6 Bypass of artery of leg by anastomosis of iliac artery to femoral artery not elsewhere classified

*Includes: Bypass of artery of leg by anastomosis of iliac artery to popliteal artery not elsewhere classified

L51.8 Other specified

*Includes: Aortoiliac anastomosis not elsewhere classified
  Aortofemoral anastomosis not elsewhere classified
  Iliofemoral anastomosis not elsewhere classified

L51.9 Unspecified

L52 Reconstruction of iliac artery (*Clean*)

L52.1 Endarterectomy of iliac artery and patch repair of iliac artery

L52.2 Endarterectomy of iliac artery not elsewhere classified

L52.8 Other specified

L52.9 Unspecified

L53 Other open operations on iliac artery (*Clean*)

L53.1 Repair of iliac artery not elsewhere classified
The minimum wound class for vascular surgery is clean

L53.2 Open embolectomy of iliac artery
   Includes: Open thrombectomy of iliac artery
   Embolectomy of iliac artery not elsewhere classified
   Thrombectomy of iliac artery not elsewhere classified

L53.3 Operations on aneurysm of iliac artery not elsewhere classified
L53.8 Other specified
L53.9 Unspecified

L56 Emergency replacement of aneurysmal femoral artery (Clean)
   Excludes: When associated with connection from aorta or iliac artery (L48)

L56.1 Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   femoral artery
   Includes: Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   femoral artery using prosthesis

L56.2 Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   popliteal artery
   Includes: Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   popliteal artery not elsewhere classified

L56.3 Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   popliteal artery using prosthesis
   Includes: Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   popliteal artery using vein graft

L56.4 Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to tibial
   artery using prosthesis
   Includes: Popliteal artery

L56.5 Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to tibial
   artery using vein graft
   Includes: Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   tibial artery not elsewhere classified
   Popliteal artery

L56.6 Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   peroneal artery using prosthesis
   Includes: Popliteal artery

L56.7 Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   peroneal artery using vein graft
   Includes: Emergency replacement of aneurysmal femoral artery by anastomosis of femoral artery to
   peroneal artery not elsewhere classified
   Popliteal artery

L56.8 Other specified
L56.9 Unspecified
The minimum wound class for vascular surgery is clean.

**L57** Other replacement of aneurysmal femoral artery (Clean)

*Excludes: When associated with connection from aorta or iliac artery (L49)*

**L57.1** Replacement of aneurysmal femoral artery by anastomosis of femoral artery to femoral artery not elsewhere classified

*Includes: Replacement of aneurysmal femoral artery by anastomosis of femoral artery to femoral artery using prosthesis not elsewhere classified*

**L57.2** Replacement of aneurysmal femoral artery by anastomosis of femoral artery to popliteal artery using prosthesis not elsewhere classified

**L57.3** Replacement of aneurysmal femoral artery by anastomosis of femoral artery to popliteal artery using vein graft not elsewhere classified

*Includes: Replacement of aneurysmal femoral artery by anastomosis of femoral artery to popliteal artery not elsewhere classified*

**L57.4** Replacement of aneurysmal femoral artery by anastomosis of femoral artery to tibial artery using prosthesis not elsewhere classified

*Includes: Popliteal artery*

**L57.5** Replacement of aneurysmal femoral artery by anastomosis of femoral artery to tibial artery using vein graft not elsewhere classified

*Includes: Replacement of aneurysmal femoral artery by anastomosis of femoral artery to tibial artery not elsewhere classified*

**L57.6** Replacement of aneurysmal femoral artery by anastomosis of femoral artery to peroneal artery using prosthesis not elsewhere classified

*Includes: Popliteal artery*

**L57.7** Replacement of aneurysmal femoral artery by anastomosis of femoral artery to peroneal artery using vein graft not elsewhere classified

*Includes: Replacement of aneurysmal femoral artery by anastomosis of femoral artery to peroneal artery not elsewhere classified*

**L57.8** Other specified

**L57.9** Unspecified

**L58** Other emergency bypass of femoral artery (Clean)

*Includes: Emergency replacement of femoral artery not elsewhere classified*

*Excludes: When associated with connection from aorta or iliac artery (L50)*

**L58.1** Emergency bypass of femoral artery by anastomosis of femoral artery to femoral artery not elsewhere classified

*Includes: Emergency bypass of femoral artery by anastomosis of femoral artery to femoral artery using prosthesis not elsewhere classified*

**L58.2** Emergency bypass of femoral artery by anastomosis of femoral artery to popliteal artery using prosthesis not elsewhere classified

**L58.3** Emergency bypass of femoral artery by anastomosis of femoral artery to popliteal artery using vein graft not elsewhere classified

*Includes: Emergency bypass of femoral artery by anastomosis of femoral artery to popliteal artery not elsewhere classified*

**L58.4** Emergency bypass of femoral artery by anastomosis of femoral artery to tibial artery using prosthesis not elsewhere classified

*Includes: Popliteal artery*

**L58.5** Emergency bypass of femoral artery by anastomosis of femoral artery to tibial artery using vein graft not elsewhere classified

*Includes: Emergency bypass of femoral artery by anastomosis of femoral artery to tibial artery not elsewhere classified*

**L58.6** Emergency bypass of femoral artery by anastomosis of femoral artery to peroneal artery using prosthesis not elsewhere classified

*Includes: Popliteal artery*

**L58.7** Emergency bypass of femoral artery by anastomosis of femoral artery to peroneal artery using vein graft not elsewhere classified

*Includes: Emergency bypass of femoral artery by anastomosis of femoral artery to peroneal artery not elsewhere classified*

**L58.8** Other specified

**L58.9** Unspecified
The minimum wound class for vascular surgery is clean

L59  Other bypass of femoral artery (Clean)

Includes: Replacement of femoral artery not elsewhere classified
Excludes: When associated with connection from aorta or iliac artery (L51)

L59.1 Bypass of femoral artery by anastomosis of femoral artery to femoral artery not elsewhere classified
Includes: Bypass of femoral artery by anastomosis of femoral artery to femoral artery using prosthesis not elsewhere classified

L59.2 Bypass of femoral artery by anastomosis of femoral artery to popliteal artery using prosthesis not elsewhere classified

L59.3 Bypass of femoral artery by anastomosis of femoral artery to popliteal artery using vein graft not elsewhere classified
Includes: Bypass of femoral artery by anastomosis of femoral artery to popliteal artery not elsewhere classified

L59.4 Bypass of femoral artery by anastomosis of femoral artery to tibial artery using prosthesis not elsewhere classified
Includes: Popliteal artery

L59.5 Bypass of femoral artery by anastomosis of femoral artery to tibial artery using vein graft not elsewhere classified
Includes: Bypass of femoral artery by anastomosis of femoral artery to tibial artery not elsewhere classified

L59.6 Bypass of femoral artery by anastomosis of femoral artery to peroneal artery using prosthesis not elsewhere classified
Includes: Popliteal artery

L59.7 Bypass of femoral artery by anastomosis of femoral artery to peroneal artery using vein graft not elsewhere classified
Includes: Bypass of femoral artery by anastomosis of femoral artery to peroneal artery not elsewhere classified

L59.8 Other specified
L59.9 Unspecified

L60  Reconstruction of femoral artery (Clean)

Includes: Popliteal artery

L60.1 Endarterectomy of femoral artery and patch repair of femoral artery
L60.2 Endarterectomy of femoral artery not elsewhere classified
L60.3 Profundoplasty of femoral artery and patch repair of deep femoral artery
L60.4 Profundoplasty of femoral artery not elsewhere classified
L60.8 Other specified
L60.9 Unspecified

L62  Other open operations on femoral artery (Clean)

Includes: Popliteal artery

L62.1 Repair of femoral artery not elsewhere classified
L62.2 Open embolectomy of femoral artery
Includes: Open thrombectomy of femoral artery
Embolectomy of femoral artery not elsewhere classified
Thrombectomy of femoral artery not elsewhere classified

L62.3 Ligation of aneurysm of popliteal artery
L62.4 Operations on aneurysm of femoral artery not elsewhere classified
L62.8 Other specified
L62.9 Unspecified
The minimum wound class for vascular surgery is clean

L65  Revision of reconstruction of artery (Clean)
L65.1 Revision of reconstruction involving aorta
L65.2 Revision of reconstruction involving iliac artery
L65.3 Revision of reconstruction involving femoral artery
L65.8 Other specified
L65.9 Unspecified

L68  Repair of other artery (Clean)
    Includes: Unspecified artery
L68.1 Endarterectomy and patch repair of artery not elsewhere classified
L68.2 Endarterectomy not elsewhere classified
L68.3 Repair of artery using prosthesis not elsewhere classified
L68.4 Repair of artery using vein graft not elsewhere classified
    Includes: Repair of artery using graft not elsewhere classified
L68.8 Other specified
L68.9 Unspecified

L70  Other open operations on other artery (Clean)
    Includes: Unspecified artery
L70.1 Open embolectomy of artery not elsewhere classified
    Includes: Open thrombectomy of artery not elsewhere classified
        Embolectomy of artery not elsewhere classified
        Thrombectomy of artery not elsewhere classified
L70.2 Open embolisation of artery not elsewhere classified
L70.3 Ligation of artery not elsewhere classified
L70.4 Open cannulation of artery not elsewhere classified
L70.5 Operations on aneurysm of artery not elsewhere classified
L70.8 Other specified
L70.9 Unspecified

L75  Other arteriovenous operations (Clean)
L75.1 Excision of congenital arteriovenous malformation
    Includes: Ligation of congenital arteriovenous malformation
L75.2 Repair of acquired arteriovenous fistula
    Includes: Ligation of acquired arteriovenous fistula
L75.3 Embolisation of arteriovenous abnormality
L75.8 Other specified
L75.9 Unspecified

L77  Connection of vena cava or branch of vena cava (Clean)
L77.1 Creation of portocaval shunt
L77.2 Creation of mesocaval shunt
L77.3 Creation portosystemic shunt not elsewhere classified
L77.4 Creation of distal splenorenal shunt
L77.5 Creation of proximal splenorenal shunt
L77.8 Other specified
L77.9 Unspecified

L79  Other operations on vena cava (Clean)
L79.1 Insertion of filter into vena cava
L79.2 Plication of vena cava
L79.3 Stenting of vena cava NEC
L79.4 Attention to filter into vena cava NEC
L79.5 Removal of filter in vena cava
L79.6 Repair of anomalous caval vein connection
L79.7 Excision of lesion of vena cava
L79.8 Other specified
L79.9 Unspecified

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