Technical Guidance for
Surgical Workload Audit and Research Database:

Cholecystectomy

V1.0
Contents
1. The Indicators ........................................................................................................................................... 3
   1.1. Activity Volume ................................................................................................................................. 3
   3.2. Average Length of Stay (Days) .......................................................................................................... 3
   3.3. 2/7/30 day Re-admission Rate (%)................................................................................................ 3
   3.4. Re-operations within 30 days (%) ..................................................................................................... 3
   3.5. Day case Rates (%) .......................................................................................................................... 4
   3.6. Short Stay Rates (%) ......................................................................................................................... 4
   3.7. Proportion of laparoscopic procedures ............................................................................................ 4
   3.8. Ratio of emergency to all admissions .............................................................................................. 4
   3.9. Proportion of patients admitted in an emergency with gall bladder disease who have a cholecystectomy within 14 day .................................................................................................................. 5
   3.10. Proportion of patients admitted in an emergency with gall bladder disease who have a cholecystectomy within 14 days with pancreatitis ................................................................................. 5
   3.11. Proportion of patients admitted in an emergency with gall bladder disease who have a cholecystectomy within 14 days without pancreatitis ................................................................................... 5
   3.12. Proportion of laparoscopic Gallstone procedures converted to open procedures during surgery .................................................................................................................................................. 6
   3.13. Proportion of patients who have a laparoscopic cholecystectomy who go on to have a ERCP within 30 days ...................................................................................................................................... 6
   3.14. Number of patients who have a hepatico jejunostomy within 1yr of a laparoscopic cholecystectomy ........................................................................................................................................... 7
   3.15. Proportion of cholecystectomy with simultaneous on-table cholangiogram .................................. 8
   3.16. Proportion of patients admitted for gall bladder disease who are readmitted in an emergency within 1yr ............................................................................................................................................ 8
4. Interventions and Code Sets .................................................................................................................... 9
   4.1. Cholecystectomy- Open ..................................................................................................................... 9
   4.2. Cholecystectomy- Laparoscopic ....................................................................................................... 9
5. Exclusions .................................................................................................................................................. 10
   5.1. OPCS Exclusions ............................................................................................................................. 10
   5.2. ICD-10 Exclusions .......................................................................................................................... 21
1. The Indicators

1.1. Activity Volume

Methodology: Count of all activity.
Data Source: HES (Hospital Episode Statistics)

3.2. Average Length of Stay (Days)

Numerator: Number of bed days (excluding daycase)
Denominator: Number of spells (excluding daycase)
Methodology: Average
Data Source: HES (Hospital Episode Statistics)

3.3. 2/7/30 day Re-admission Rate (%)

Numerator: Total number of emergency re-admissions within 2/7/30 days of discharge
Denominator: Total number of discharges following an admission
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)
Note: Re-admission is attributed to the consultant responsible for the patient in the initial admission.

3.4. Re-operations within 30 days (%)

Numerator: Total number of re-operations within 30 days of discharge
Denominator: Total number of discharges following an admission
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)
Note: Re-operations are attributed to the consultant responsible for the patient in the initial admission.
3.5. Day case Rates (%)

Numerator: Number of procedures carried out as a daycase
Denominator: Total number of procedures carried out
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)
Note: Daycase is classified as a patient who is coded as having a 0 day length of stay by checking the admission and discharge dates are the same.

3.6. Short Stay Rates (%)

Numerator: Number of patients admitted and discharged within 48hrs
Denominator: Total number of patients discharged
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)

Note:

3.7. Proportion of laparoscopic procedures

Numerator: Number of hernia patients who have undergone a laparoscopic procedure.
Denominator: Total number of procedures carried out
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)

Note:

3.8. Ratio of emergency to all admissions

Numerator: Number of emergency procedures.
Denominator: Total number of procedures carried out
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)
Note:
3.9. Proportion of patients admitted in an emergency with gall bladder disease who have a cholecystectomy within 14 days

Numerator: Number of emergency patients with a primary operation of J18 (cholecystectomy) within 14 days of admission

Denominator: Number of emergency patients with an ICD-10 code matching the primary diagnosis codes in section 4 code sets including K85 (Acute pancreatitis)

Methodology: Percentage

Data Source: HES (Hospital Episode Statistics)

Note: Operations within 14 days is defined as the difference in days between the recorded admission date and recorded operation date being <15 days

3.10. Proportion of patients admitted in an emergency with gall bladder disease who have a cholecystectomy within 14 days with pancreatitis

Numerator: Number of emergency patients with a primary operation of J18 (cholecystectomy) within 14 days of admission

Denominator: Number of emergency patients with an ICD-10 code K85 (Acute pancreatitis)

Methodology: Percentage

Data Source: HES (Hospital Episode Statistics)

Note: Operations within 14 days is defined as the difference in days between the recorded admission date and recorded operation date being <15 days

3.11. Proportion of patients admitted in an emergency with gall bladder disease who have a cholecystectomy within 14 days without pancreatitis

Numerator: Number of emergency patients with a primary operation of J18 (cholecystectomy) within 14 days of admission

Denominator: Number of emergency patients with an ICD-10 code matching the primary diagnosis codes in section 4 code sets

Methodology: Percentage

Data Source: HES (Hospital Episode Statistics)
3.12. Proportion of laparoscopic Gallstone procedures converted to open procedures during surgery

**Numerator:** Number of elective patients undergoing laparoscopic reflux procedure with a Y714 (Failed minimal access approach converted to open) in any secondary procedure field.

**Denominator:** Total number J18 (cholecystectomy) procedures

**Methodology:** Percentage

**Data Source:** HES (Hospital Episode Statistics)

3.13. Proportion of patients who have a laparoscopic cholecystectomy who go on to have a ERCP within 30 days

**Numerator:** Number of patients with an ICD-10 code matching the primary diagnosis codes in section 4 code sets alongside any of the following procedure codes in any position within 30 days of discharge from a laparoscopic cholecystectomy

- J38: Endoscopic sphincterotomy of sphincter
- J39: Endoscopic sphincterotomy of accessory ampulla of Vater
- J40: Endoscopic retrograde insertion of tubal prosthesis into bile duct
- J41: Endoscopic dilation of bile duct
- J42: Endoscopic retrograde insertion of tubal prosthesis into pancreatic duct
- J43: Endoscopic retrograde cholangiopancreatography
- J44: Endoscopic retrograde cholangiography
- J45: Endoscopic retrograde pancreatography
- J46: Percutaneous dilation of anastomosis of bile duct
- J47: Percutaneous insertion of tubal prosthesis into hepatic ducts
- J48: Renewal/removal of percutaneously inserted tubal prosthesis in bile duct
- J49: Endoscopic removal of calculus from bile duct along T tube track
- J50: Cholangiography
- J51: Laparoscopic ultrasound examination of bile duct
- J52: Extracorporeal lithotripsy of calculus in bile duct
- J53: Endoscopic ultrasound examination of bile duct
- J54: Transplantation of pancreas
- J55: Total pancreatectomy
- J56: Pancreaticoduodenectomy

Operations within 14 days is defined as the difference in days between the recorded admission date and recorded operation date being <15 days.
J57: Left pancreatectomy
J58: Excision of lesion of pancreas
J59: Anastomosis of pancreatic duct
J60: Drainage of pancreatic duct
J61: Drainage of cyst of pancrea
J62: Division of annular pancreas
J63: Open pancreatectography
J65: Other unspecified/specified other open operations on pancreas
J66: Percutaneous drainage of lesion of pancreas
J67: Percutaneous puncture of pancreatic duct
J68: Extracorporeal shockwave lithotripsy of calculus of pancreas
J69: Total splenectomy
J70: Partial splenectomy
J72: Other operations on spleen
J73: Laparoscopic ultrasound examination of pancreas

Denominator: Total number of J18 (cholecystectomy) procedures with associated Y75.1 (Laparoscopically assisted approach to abdominal cavity) or Y75.2 (Laparoscopic approach to abdominal cavity NEC)

Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)
Note:

3.14. Number of patients who have a hepatico jejunostomy within 1yr of a laparoscopic cholecystectomy

Numerator: Number of patients who have a hepatico jejunostomy within 1yr of a laparoscopic cholecystectomy

Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)
Note: Hepatico jejunostomy defined as any of the following OPSC codes in any position:

J272: Partial excision of bile duct and anastomosis of bile duct to duodenum
J273: Partial excision of bile duct and anastomosis of bile duct to jejunum
J274: Partial excision of bile duct and end to end anastomosis of bile duct
J278: Other specified excision of bile duct
J279: Unspecified excision of bile duct
J291: Anastomosis of hepatic duct to transposed jejunum and insertion of tubal prosthesis HFQ
J292: Anastomosis of hepatic duct to jejunum NEC
J298: Other specified connection of hepatic duct  
J299: Unspecified connection of hepatic duct  
J301: Anastomosis of common bile duct to duodenum  
J302: Anastomosis of common bile duct to transposed jejunum  
J303: Anastomosis of common bile duct to jejunum NEC  
J308: Other specified connection of common bile duct  
J309: Unspecified connection of common bile duct  
J321: Reconstruction of bile duct  
J322: Reanastomosis of bile duct  
J328: Other specified repair of bile duct  
J329: Unspecified repair of bile duct

3.15. Proportion of cholecystectomy with simultaneous on-table cholangiogram

Numerator: Number of OTC procedures performed in a secondary position of a cholecystectomy  
Denominator: Total number of cholecystectomy procedures carried out  
Methodology: Percentage  
Data Source: HES (Hospital Episode Statistics)  
Note: OTC codes defined as either J372 (Operative cholangiography through cystic duct) or J373 (Direct puncture operative cholangiography)

3.16. Proportion of patients admitted for gall bladder disease who are readmitted in an emergency within 1yr

Numerator: Number of patients admitted in an emergency with any primary gallstone ICD-10 code in section 4 after a previous gallstone admission  
Denominator: Total number of patients diagnosed with any primary gallstone ICD-10 code in section 4  
Methodology: Percentage  
Data Source: HES (Hospital Episode Statistics)  
Note:
4. Interventions and Code Sets

4.1. Cholecystectomy - Open

Primary OPCS:
J18: Total or Partial Cholecystectomy

Secondary OPCS:
N/A

Primary ICD-10:
K80.0: Calculus of gallbladder with acute cholecystitis
K80.1: Calculus of gallbladder with other cholecystitis
K80.2: Calculus of gallbladder without cholecystitis
K81.0: Acute cholecystitis
K81.1: Chronic cholecystitis
K81.8: Other cholecystitis
K81.9: Cholecystitis, unspecified
K82.0: Obstruction of gallbladder
K82.1: Hydrops of gallbladder
K82.2: Perforation of gallbladder
K82.3: Fistula of gallbladder
K82.4: Cholesterolosis of gallbladder
K82.8: Other specified diseases of gallbladder
K82.9: Disease of gallbladder, unspecified

4.2. Cholecystectomy - Laparoscopic

Primary OPCS:
J18: Total or Partial Cholecystectomy

Secondary OPCS: (will be included after any Primary OPSC)
Y75.1: Laparoscopically assisted approach to abdominal cavity or
Y75.2: Laparoscopic approach to abdominal cavity NEC

Primary ICD-10:
K80.0: Calculus of gallbladder with acute cholecystitis
K80.1: Calculus of gallbladder with other cholecystitis
K80.2: Calculus of gallbladder without cholecystitis
K81.0: Acute cholecystitis
K81.1: Chronic cholecystitis
K81.8: Other cholecystitis
K81.9: Cholecystitis, unspecified
K82.0: Obstruction of gallbladder
K82.1: Hydrops of gallbladder
K82.2: Perforation of gallbladder
K82.3: Fistula of gallbladder
K82.4: Cholesterolosis of gallbladder
K82.8: Other specified diseases of gallbladder
K82.9: Disease of gallbladder, unspecified

5. Exclusions

5.1. OPCS Exclusions
J01.1: Orthotopic Transplantation Of Liver Nec
J01.2: Heterotopic Transplantation Of Liver
J01.3: Replacement Of Previous Liver Transplant
J01.5: Orthotopic Transplantation Of Whole Liver
J01.8: Other Specified
J01.9: Unspecified
J02.1: Right Hemihepatectomy Nec
J02.2: Left Hemihepatectomy Nec
J02.3: Resection Of Segment Of Liver
J02.4: Wedge Excision Of Liver
J02.5: Marsupialisation Of Lesion Of Liver
J02.6: Extended Right Hemihepatectomy
J02.7: Extended Left Hemihepatectomy
J02.8: Other Specified
J02.9: Unspecified
J03.1: Excision Of Lesion Of Liver Nec
J03.2: Destruction Of Lesion Of Liver Nec
J03.3: Thermal Ablation Of Single Lesion Of Liver
J03.4: Thermal Ablation Of Multiple Lesions Of Liver
J03.5: Excision Of Multiple Lesions Of Liver
J03.8: Other Specified
J03.9: Unspecified
J04.2: Repair Of Laceration Of Liver
J04.3: Packing Of Laceration Of Liver
J04.8: Other Specified
J05.1: Open Drainage Of Liver
J05.8: Other Specified
J07.3: Exploration Of Liver
J07.8: Other Specified
J07.9: Unspecified
J08.1: Endoscopic Removal Of Calculus From Liver Using Laparoscope
J08.2: Endoscopic Insertion Of Cannula Into Gall Bladder Using Lapa
J08.8: Other Specified
J08.9: Unspecified
Surgical Workload Audit and Research Database: Cholecystectomy

J09.1: Diagnostic Endoscopic Examination Of Liver And Biopsy Of Les
J09.2: Laparoscopic Ultrasound Examination Of Liver And Biopsy Of Les
J09.3: Laparoscopic Ultrasound Examination Of Liver Nec
J09.8: Other Specified
J09.9: Unspecified

J18.4: Partial Cholecystectomy And Exploration Of Common Bile Duct

J19.1: Anastomosis Of Gall Bladder To Stomach
J19.2: Anastomosis Of Gall Bladder To Duodenum
J19.3: Anastomosis Of Gall Bladder To Jejunum
J19.4: Anastomosis Of Gall Bladder To Intestine Nec
J19.5: Revision Of Anastomosis Of Gall Bladder
J19.6: Closure Of Anastomosis Of Gall Bladder
J20.1: Closure Of Fistula Of Gall Bladder
J20.2: Closure Of Cholecystotomy
J20.3: Repair Of Perforation Of Gall Bladder
J20.8: Other Specified
J21.1: Open Removal Of Calculus From Gall Bladder
J21.2: Drainage Of Gall Bladder
J21.3: Drainage Of Tissue Surrounding Gall Bladder
J21.8: Other Specified
J21.9: Unspecified

J23.1: Excision Of Lesion Of Gall Bladder
J23.2: Open Biopsy Of Lesion Of Gall Bladder
J23.3: Exploration Of Gall Bladder
J23.8: Other Specified

J24.8: Other Specified

J25.3: Revision Of Anastomosis Of Hepatic Duct
J25.4: Open Dilation Of Anastomosis Of Hepatic Duct
J30.4: Revision Of Anastomosis Of Common Bile Duct
J30.5: Open Dilation Of Anastomosis Of Common Bile Duct
J31.1: Open Insertion Of Tubal Prosthesis Into Both Hepatic Ducts
J31.2: Open Insertion Of Tubal Prosthesis Into One Hepatic Duct And
J31.3: Open Renewal Of Tubal Prosthesis In Bile Duct
J31.4: Open Removal Of Tubal Prosthesis From Bile Duct
J31.8: Other Specified
J31.9: Unspecified

J32.2: Reanastomosis Of Bile Duct
J33.1: Open Removal/Calculus From Bile Duct/Drainage Of Bile Duct
J33.2: Open Removal Of Calculus From Bile Duct Nec
J33.3: Drainage Of Bile Duct Nec
J33.8: Other Specified
J33.9: Unspecified
J34.1: Sphincteroplasty Of Bile Duct And Pancreatic Duct Using Duod
J34.2: Sphincteroplasty Of Bile Duct Using Duodenal Approach Nec
J34.8: Other Specified
J34.9: Unspecified
J35.1: Sphincterotomy Of Bile Duct And Pancreatic Duct Using Duoden
J35.2: Sphincterotomy Of Bile Duct Using Duodenal Approach Nec
J35.3: Sphincterotomy Of Pancreatic Duct Using Duodenal Approach Ne
J35.8: Other Specified
J35.9: Unspecified
J36.1: Excision Of Ampulla Of Vater Using Duodenal Approach
J36.2: Biopsy Of Lesion Of Ampulla Of Vater Using Duodenal Approach
J36.8: Other Specified
J37.1: Open Biopsy Of Lesion Of Bile Duct
J37.2: Operative Cholangiography Through Cystic Duct
J37.3: Direct Puncture Operative Cholangiography
J37.4: Operative Choledochoscopy Nec
J37.8: Other Specified
J37.9: Unspecified
J50.1: T Tube Cholangiography
J51.1: Laparoscopic Ultrasound Examination Of Bile Duct And Biopsy
J51.8: Other Specified
J51.9: Unspecified
J52.1: Extracorporeal Lithotripsy Of Calculus In Bile Duct
J52.8: Other Specified
J54.1: Transplantation Of Pancreas And Duodenum
J54.2: Transplantation Of Whole Pancreas
J54.4: Transplantation Of Islet Of Langerhans
J54.8: Other Specified
J54.9: Unspecified
J55.1: Total Pancreatectomy And Excision Of Surrounding Tissue
J55.2: Total Pancreatectomy Nec
J55.3: Excision Of Transplanted Pancreas
J55.8: Other Specified
J55.9: Unspecified
J56.1: Pancreaticoduodenectomy And Excision Of Surrounding Tissue
J56.2: Pancreaticoduodenectomy And Resection Of Antrum Of Stomach
J56.3: Pancreaticoduodenectomy Nec
J56.4: Subtotal Excision Of Head Of Pancreas With Preservation Of D
J56.8: Other Specified
J56.9: Unspecified
J57.1: Subtotal Pancreatectomy
J57.2: Left Pancreatectomy And Drainage Of Pancreatic Duct
J57.3: Left Pancreatectomy Nec
J57.4: Excision Of Tail Of Pancreas And Drainage Of Pancreatic Duct
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>J57.5</td>
<td>Excision Of Tail Of Pancreas Nec</td>
</tr>
<tr>
<td>J57.6</td>
<td>Pancreatic Necrosectomy</td>
</tr>
<tr>
<td>J57.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J57.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J58.1</td>
<td>Excision Of Lesion Of Islet Of Langerhans</td>
</tr>
<tr>
<td>J58.2</td>
<td>Excision Of Lesion Of Pancreas Nec</td>
</tr>
<tr>
<td>J58.3</td>
<td>Destruction Of Lesion Of Pancreas</td>
</tr>
<tr>
<td>J58.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J59.2</td>
<td>Anastomosis Of Pancreatic Duct To Duodenum</td>
</tr>
<tr>
<td>J59.3</td>
<td>Anastomosis Of Pancreatic Duct To Transposed Jejunum</td>
</tr>
<tr>
<td>J59.4</td>
<td>Anastomosis Of Pancreatic Duct To Jejunum Nec</td>
</tr>
<tr>
<td>J59.5</td>
<td>Revision Of Anastomosis Of Pancreatic Duct</td>
</tr>
<tr>
<td>J59.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J60.1</td>
<td>Drainage Of Pancreatic Duct</td>
</tr>
<tr>
<td>J60.3</td>
<td>Insertion Of T Tube Into Pancreatic Duct</td>
</tr>
<tr>
<td>J60.4</td>
<td>Open Insertion Of Tubal Prosthesis Into Pancreatic Duct</td>
</tr>
<tr>
<td>J60.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J61.1</td>
<td>Open Cystogastrootomy Of Pancreas</td>
</tr>
<tr>
<td>J61.2</td>
<td>Drainage Of Cyst Of Pancreas Into Transposed Jejunum</td>
</tr>
<tr>
<td>J61.3</td>
<td>Drainage Of Cyst Of Pancreas Into Jejunum Nec</td>
</tr>
<tr>
<td>J61.4</td>
<td>Drainage Of Cyst Of Pancreas Nec</td>
</tr>
<tr>
<td>J61.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J61.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J62.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J62.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J63.3</td>
<td>Open Pancreatography Nec</td>
</tr>
<tr>
<td>J63.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J63.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J65.1</td>
<td>Open Biopsy Of Lesion Of Pancreas</td>
</tr>
<tr>
<td>J65.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J65.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J68.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J69.1</td>
<td>Total Excision Of Spleen And Replantation Of Fragments Of Sp</td>
</tr>
<tr>
<td>J69.2</td>
<td>Total Splenectomy</td>
</tr>
<tr>
<td>J69.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J69.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J70.1</td>
<td>Partial Splenectomy</td>
</tr>
<tr>
<td>J70.2</td>
<td>Marsupialisation Of Lesion Of Spleen</td>
</tr>
<tr>
<td>J70.8</td>
<td>Other Specified</td>
</tr>
<tr>
<td>J70.9</td>
<td>Unspecified</td>
</tr>
<tr>
<td>J72.2</td>
<td>Embolisation Of Spleen</td>
</tr>
<tr>
<td>J72.3</td>
<td>Biopsy Of Lesion Of Spleen</td>
</tr>
<tr>
<td>J72.4</td>
<td>Repair Of Spleen</td>
</tr>
<tr>
<td>J72.5</td>
<td>Banding Of Spleen</td>
</tr>
</tbody>
</table>
J72.8: Other Specified
J73.1: Laparoscopic Ultrasound Examination Of Pancreas And Biopsy Of Pancreas
J73.8: Other Specified
J73.9: Unspecified
G01.1: Oesophagogastrectomy And Anastomosis Of Oesophagus To Stomach
G01.2: Oesophagogastrectomy And Anastomosis Of Oesophagus To Transphenoidal
G01.3: Oesophagogastrectomy And Anastomosis Of Oesophagus To Jejunum
G01.8: Other Specified
G01.9: Unspecified
G02.1: Total Oesophagectomy And Anastomosis Of Pharynx To Stomach
G02.2: Total Oesophagectomy/Interposition Of Microvascularly Att.Jejunum
G02.3: Total Oesophagectomy And Interposition Of Jejunum Nec
G02.4: Total Oesophagectomy/Interposition Of Microvascularly Att.Colon
G02.5: Total Oesophagectomy And Interposition Of Colon Nec
G02.8: Other Specified
G02.9: Unspecified
G03.1: Partial Oesophagectomy And End To End Anastomosis Of Oesophagus
G03.2: Partial Oesophagectomy/Interposition/Microvascularly Att.Jejunum
G03.3: Partial Oesophagectomy And Anastomosis Of Oesophagus To Tran
gus
G03.4: Partial Oesophagectomy And Anastomosis Of Oesophagus To Jejunum
G03.5: Partial Oesophagectomy/Interposition/Microvascularly Att.Colon
G03.6: Partial Oesophagectomy And Interposition Of Colon Nec
G03.8: Other Specified
G03.9: Unspecified
G04.1: Excision Of Lesion Of Oesophagus
G04.2: Open Laser Destruction Of Lesion Of Oesophagus
G05.1: Bypass Of Oesophagus By Anastomosis Of Oesophagus To Oesophagus
G05.2: Bypass Of Oesophagus By Anastomosis Of Oesophagus To Stomach
G05.4: Bypass Of Oesophagus By Interposition Of Jejunum Nec
G05.6: Bypass Of Oesophagus By Interposition Of Colon Nec
G06.1: Revision Of Anastomosis Of Oesophagus
G06.2: Revision Of Anastomosis Of Oesophagus Nec
G06.3: Removal Of Bypass Of Oesophagus
G06.8: Other Specified
G06.9: Unspecified
G07.1: Closure Of Tracheo-Oesophageal Fistula
G07.2: Closure Of Fistula Of Oesophagus Nec
G07.3: Correction Of Congenital Atresia Of Oesophagus
G07.4: Repair Of Rupture Of Oesophagus
G07.8: Other Specified
G07.9: Unspecified
G08.1: Exteriorisation Of Pouch Of Oesophagus
G08.2: External Fistulisation Of Oesophagus Nec
G08.3: Tube Oesophagostomy
G08.8: Other Specified
G08.9: Unspecified
G09.1: Cardiomyotomy
G09.2: Oesophagomyotomy Nec
G09.3: Division Of Web Of Oesophagus
G09.4: Drainage Of Oesophagus
G09.8: Other Specified
G10.1: Disconnection Of Azygos Vein
G10.3: Transection Of Oesophagus Nec
G10.4: Local Ligation Of Varices Of Oesophagus
G10.8: Other Specified
G10.9: Unspecified
G11.1: Insertion Of Tubal Prosthesis Into Oesophagus Through Stomach
G11.2: Open Insertion Of Tubal Prosthesis Into Oesophagus Nec
G11.3: Open Revision Of Tubal Prosthesis In Oesophagus
G11.4: Open Removal Of Tubal Prosthesis From Oesophagus
G11.8: Other Specified
G13.1: Open Biopsy Of Lesion Of Oesophagus
G13.2: Open Removal Of Foreign Body From Oesophagus
G13.8: Other Specified
G23.1: Repair Of Oesophageal Hiatus Using Thoracic Approach
G23.2: Repair Of Diaphragmatic Hernia Using Thoracic Approach Nec
G23.3: Repair Of Oesophageal Hiatus Using Abdominal Approach
G23.4: Repair Of Diaphragmatic Hernia Using Abdominal Approach Nec
G23.8: Other Specified
G23.9: Unspecified
G24.1: Antireflux Fundoplication Using Thoracic Approach
G24.2: Antireflux Operation Using Thoracic Approach Nec
G24.3: Antireflux Fundoplication Using Abdominal Approach
G24.4: Antireflux Gastropexy
G24.5: Gastroplasty And Antireflux Procedure Hfq
G24.6: Insertion Of Angelchick Prosthesis
G24.8: Other Specified
G24.9: Unspecified
G25.1: Revision Of Fundoplication Of Stomach
G25.3: Removal Of Angelchick Prosthesis
G25.8: Other Specified
G25.9: Unspecified
G27.1: Total Gastrectomy And Excision Of Surrounding Tissue
G27.2: Total Gastrectomy And Anastomosis Of Oesophagus To Duodenum
G27.3: Total Gastrectomy And Interposition Of Jejunum
G27.4: Total Gastrectomy And Anastomosis Of Oesophagus To Transpose
G27.5: Total Gastrectomy And Anastomosis Of Oesophagus To Jejunum Nec
G27.8: Other Specified
G27.9: Unspecified
G28.1: Partial Gastrectomy And Anastomosis Of Stomach To Duodenum
G28.2: Partial Gastrectomy And Anastomosis Of Stomach To Transposed
G28.3: Partial Gastrectomy And Anastomosis Of Stomach To Jejunum Nec
G28.4: Sleeve Gastrectomy And Duodenal Switch
G28.5: Sleeve Gastrectomy Nec
G28.8: Other Specified
G28.9: Unspecified
G29.1: Open Excision Of Polyp Of Stomach
G29.2: Open Excision Of Lesion Of Stomach Nec
G29.3: Open Laser Destruction Of Lesion Of Stomach
G29.4: Diathermy To Lesion Of Stomach
G29.8: Other Specified
G29.9: Unspecified
G30.1: Gastroplasty Nec
G30.2: Partitioning Of Stomach Nec
G30.3: Partitioning Of Stomach Using Band
G30.4: Partitioning Of Stomach Using Staples
G30.5: Maintenance Of Gastric Band
G30.8: Other Specified
G30.9: Unspecified
G31.0: Conversion From Previous Anastomosis Of Stomach To Duodenum
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
G31.9: Unspecified
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
G32.9: Unspecified
G33.0: Conversion From Previous Anastomosis Of Stomach To Jejunum Nec
G33.1: Bypass Of Stomach By Anastomosis Of Stomach To Jejunum Nec
G33.2: Revision Of Anastomosis Of Stomach To Jejunum Nec
G33.3: Conversion To Anastomosis Of Stomach To Jejunum Nec
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
G33.9: Unspecified
G34.1: Creation Of Permanent Gastrostomy
G34.2: Creation Of Temporary Gastrostomy
G34.3: Reconstruction Of Gastrostomy
G34.4: Closure Of Gastrostomy
G34.5: Attention To Gastrostomy Tube
G34.8: Other Specified
G34.9: Unspecified
G35.1: Closure Of Perforated Ulcer Of Stomach
G35.2: Closure Of Ulcer Of Stomach Nec
G35.8: Other Specified
G35.9: Unspecified
G36.1: Gastropexy Nec
G36.2: Closure Of Perforation Of Stomach Nec
G36.3: Closure Of Abnormal Opening Of Stomach Nec
G36.8: Other Specified
G36.9: Unspecified
G38.1: Open Biopsy Of Lesion Of Stomach
G38.2: Open Insertion Of Prosthesis Into Stomach
G38.3: Open Insertion Of Feeding Tube Into Stomach
G38.4: Open Removal Of Foreign Body From Stomach
G38.5: Incision Of Stomach Nec
G38.6: Reduction Of Volvulus Of Stomach
G38.7: Removal Of Gastric Band
G38.8: Other Specified
G38.9: Unspecified
G40.1: Pyloromyotomy
G40.2: Repair Of Congenital Atresia Of Pylorus
G40.3: Pyloroplasty Nec
G40.4: Revision Of Pyloroplasty
G40.5: Closure Of Pyloroplasty
G40.6: Open Dilation Of Pylorus
G40.8: Other Specified
G40.9: Unspecified
G41.1: Open Biopsy Of Lesion Of Pylorus
G41.2: Repair Of Perforation Of Pylorus
G41.8: Other Specified
G48.8: Other Specified
G48.9: Unspecified
G49.1: Gastroduodenectomy
G49.2: Total Excision Of Duodenum
G49.3: Partial Excision Of Duodenum
G49.8: Other Specified
G49.9: Unspecified
G50.1: Excision Of Lesion Of Duodenum
G50.2: Open Destruction Of Lesion Of Duodenum
G50.8: Other Specified
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
G52.1: Closure Of Perforated Ulcer Of Duodenum
G52.2: Suture Of Ulcer Of Duodenum Nec
G52.3: Oversew Of Blood Vessel Of Duodenal Ulcer
G52.8: Other Specified
G52.9: Unspecified
G53.1: Open Biopsy Of Lesion Of Duodenum
G53.2: Closure Of Perforation Of Duodenum Nec
G53.3: Open Removal Of Foreign Body From Duodenum
G53.4: Open Insertion Of Tubal Prosthesis Into Duodenum
G53.5: Incision Of Duodenum Nec
G53.6: Correction Of Malrotation Of Duodenum
G53.8: Other Specified
G53.9: Unspecified
G57.8: Other Specified
G58.1: Total Jejunectomy And Anastomosis Of Stomach To Ileum
G58.2: Total Jejunectomy And Anastomosis Of Duodenum To Ileum
G58.3: Total Jejunectomy And Anastomosis Of Duodenum To Colon
G58.4: Partial Jejunectomy And Anastomosis Of Jejunum To Ileum
G58.5: Partial Jejunectomy And Anastomosis Of Duodenum To Colon
G58.8: Other Specified
G58.9: Unspecified
G59.1: Excision Of Lesion Of Jejunum
G59.2: Open Destruction Of Lesion Of Jejunum
G59.8: Other Specified
G60.1: Creation Of Jejunostomy
G60.2: Refashioning Of Jejunostomy
G60.3: Closure Of Jejunostomy
G60.8: Other Specified
G60.9: Unspecified
G61.1: Bypass Of Jejunum By Anastomosis Of Jejunum To Jejunum
G61.2: Bypass Of Jejunum By Anastomosis Of Jejunum To Ileum
G61.3: Bypass Of Jejunum By Anastomosis Of Jejunum To Colon
G61.8: Other Specified
G61.9: Unspecified
G62.9: Unspecified
G63.1: Open Biopsy Of Lesion Of Jejunum
G63.2: Incision Of Jejunum
G63.3: Closure Of Perforation Of Jejunum
G63.4: Open Intubation Of Jejunum
G63.8: Other Specified
G63.9: Unspecified
G67.4: Intubation Of Jejunum Nec
G67.8: Other Specified
G67.9: Unspecified
G68.1: Allotransplantation Of Ileum
G68.8: Other Specified
G68.9: Unspecified
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
G69.4: Ileectomy And Anastomosis Of Ileum To Colon
G69.8: Other Specified
G69.9: Unspecified
G70.1: Excision Of Meckel'S Diverticulum
G70.2: Excision Of Lesion Of Ileum Nec
G70.3: Open Destruction Of Lesion Of Ileum
G70.8: Other Specified
G70.9: Unspecified
G71.1: Bypass Of Ileum By Anastomosis Of Jejunum To Ileum
G71.2: Bypass Of Ileum By Anastomosis Of Ileum To Ileum
G71.3: Bypass Of Ileum By Anastomosis Of Ileum To Caecum
G71.4: Bypass Of Ileum By Anastomosis Of Ileum To Transverse Colon
G71.5: Bypass Of Ileum By Anastomosis Of Ileum To Colon Nec
G71.6: Duodenal Switch
G71.8: Other Specified
G71.9: Unspecified
G72.1: Anastomosis Of Ileum To Caecum
G72.2: Anastomosis Of Ileum To Transverse Colon
G72.3: Anastomosis Of Ileum To Colon Nec
G72.4: Anastomosis Of Ileum To Rectum
G72.5: Anastomosis Of Ileum To Anus And Creation Of Pouch Hfq
G72.8: Other Specified
G72.9: Unspecified
G73.1: Revision Of Anastomosis Of Ileum
G73.2: Closure Of Anastomosis Of Ileum
G73.3: Resection Of Ileostomy
G73.4: Resection Of Ileocolic Anastomosis
G73.8: Other Specified
G73.9: Unspecified
G74.1: Creation Of Continent Ileostomy
G74.2: Creation Of Temporary Ileostomy
G74.3: Creation Of Defunctioning Ileostomy
G74.8: Other Specified
G74.9: Unspecified
G75.1: Refashioning Of Ileostomy
G75.2: Repair Of Prolapse Of Ileostomy
G75.3: Closure Of Ileostomy
G75.4: Dilation Of Ileostomy
G75.5: Reduction Of Prolapse Of Ileostomy
G75.8: Other Specified
G75.9: Unspecified
G76.1: Open Reduction Of Intussusception Of Ileum
G76.2: Open Relief Of Strangulation Of Ileum
G76.3: Open Relief Of Obstruction Of Ileum Nec
G76.4: Plication Of Ileum
G76.8: Other Specified
G76.9: Unspecified
G78.1: Open Biopsy Of Lesion Of Ileum
G78.2: Strictureplasty Of Ileum
G78.3: Removal Of Foreign Body From Ileum
G78.4: Closure Of Perforation Of Ileum
G78.5: Exclusion Of Segment Of Ileum
G78.6: Open Intubation Of Ileum
G78.8: Other Specified
G78.9: Unspecified
G79.1: Endoscopic Exirpation Of Lesion Of Ileum
G79.2: Endoscopic Dilation Of Ileum
G79.3: Endoscopic Insertion Of Tubal Prosthesis Into Ileum
G79.8: Other Specified
G79.9: Unspecified
G80.1: Diagnostic Endoscopic Examination Of Ileum And Biopsy Of Les
G80.8: Other Specified
G80.9: Unspecified
G82.2: Intubation Of Ileum For Decompression Of Intestine
G82.4: Intubation Of Ileum Nec
G82.8: Other Specified
G82.9: Unspecified
J18.2: Total Cholecystectomy And Exploration Of Common Bile Duct
J27.2: Partial Excision/Bile Duct And Anastomosis/Bile Duct To Duod
J27.3: Partial Excision/Bile Duct And Anastomosis/Bile Duct To Jeju
J29.1: Anastomosis Of Hepatic Duct To Transposed Jejunum And Insert
J29.2: Anastomosis Of Hepatic Duct To Jejunum Nec
J30.1: Anastomosis Of Common Bile Duct To Duodenum
J30.2: Anastomosis Of Common Bile Duct To Transposed Jejunum
J30.3: Anastomosis Of Common Bile Duct To Jejunum Nec
J32.1: Reconstruction Of Bile Duct
J32.2: Reanastomosis Of Bile Duct
J32.8: Other Specified
J32.9: Unspecified
5.2. ICD-10 Exclusions

K80.3: Calculus of bile duct with cholangitis
K80.4: Calculus of bile duct with cholecystitis
K80.5: Calculus of bile duct without cholangitis or cholecystitis
K80.8: Other cholelithiasis
K83.0: Cholangitis
K83.1: Obstruction of bile duct
K83.2: Perforation of bile duct
K83.3: Fistula of bile duct
K83.4: Spasm of sphincter of Oddi
K83.5: Biliary cyst
K83.8: Other specified diseases of biliary tract
K83.9: Disease of biliary tract, unspecified
K86.0: Alcohol-induced chronic pancreatitis
K86.1: Other chronic pancreatitis
K86.2: Cyst of pancreas
K86.3: Pseudocyst of pancreas
K86.8: Other specified diseases of pancreas
K86.9: Disease of pancreas, unspecified
K56.3: Gallstone ileus
C15.0: Malignant neoplasm of cervical part of oesophagus
C15.1: Malignant neoplasm of thoracic part of oesophagus
C15.2: Malignant neoplasm of abdominal part of oesophagus
C15.3: Malignant neoplasm of upper third of oesophagus
C15.4: Malignant neoplasm of middle third of oesophagus
C15.5: Malignant neoplasm of lower third of oesophagus
C15.8: Malignant neoplasm overlapping lesion of oesophagus
C15.9: Malignant neoplasm of oesophagus unspecified
C16.0: Malignant neoplasm of cardia of stomach
C16.1: Malignant neoplasm of fundus of stomach
C16.2: Malignant neoplasm of body of stomach
C16.3: Malignant neoplasm of pyloric antrum
C16.4: Malignant neoplasm of pylorus
C16.5: Malignant neoplasm of lesser curvature of stomach, unsp
C16.6: Malignant neoplasm of greater curvature of stomach, unsp
C16.8: Malignant neoplasm overlapping lesion of stomach
C16.9: Malignant neoplasm of stomach, unspecified
C17.0: Malignant neoplasm of small intestine, duodenum
C22.0: Malignant neoplasm, liver cell carcinoma
C22.1: Malignant neoplasm, intrahep bile duct carcinoma
C22.2: Malignant neoplasm, hepatoblastoma
C22.3: Malignant neoplasm, angiosarcoma of liver
C22.4: Malignant neoplasm, other sarcomas of liver
C22.7: Malignant neoplasm, oth spec carcinomas of liver
C22.9: Malignant neoplasm, liver, unspecified
C23.X: Malignant neoplasm of gallbladder
C24.0: Malignant neoplasm of extrahepatic bile duct
C24.1: Malignant neoplasm of Ampulla of Vater
C24.8: Malignant neoplasm overlapping lesion of biliary tract
C24.9: Malignant neoplasm of biliary tract, unspecified
C25.0: Malignant neoplasm of head of pancreas
C25.1: Malignant neoplasm of body of pancreas
C25.2: Malignant neoplasm of tail of pancreas
C25.3: Malignant neoplasm of pancreatic duct
C25.4: Malignant neoplasm of endocrine pancreas
C25.7: Malignant neoplasm of other parts of pancreas
C25.8: Malignant neoplasm, overlapping lesion of pancreas
C25.9: Malignant neoplasm of pancreas, unspecified
C26.0: Malignant neoplasm of intestinal tract, part unsp
C26.1: Malignant neoplasm of spleen
C26.8: Malignant neoplasm, overlapping lesion of digestive system
C26.9: Malignant neoplasm of ill-def sites within digestive system
C78.7: Secondary malignant neoplasm of liver
D01.5: Carcinoma in situ liver, gallbladder and bile ducts
D13.0: Benign neoplasm of oesophagus
D13.1: Benign neoplasm of stomach
D13.2: Benign neoplasm of duodenum
D13.3: Benign neoplasm of other and unsp parts of small intestine
D13.4: Benign neoplasm of liver
D13.5: Benign neoplasm of extrahepatic bile ducts
D13.6: Benign neoplasm of pancreas
D13.7: Benign neoplasm of endocrine pancreas
D37.6: Neo uncert / unkn behav liver, gallbladder and bile ducts
D37.7: Neoplasm uncert / unkn behav other digestive organs
D37.9: Neoplasm uncert / unkn behav digestive organ, unspecified