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**Extracorporeal Life Support Organization (ELSO)**

ELSO Registry Trauma Addendum, Appendix B:

Procedures and CPT codes

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For all comments, questions and concerns please email

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| **Procedures and Current Procedural Terminology (CPT**)**:** This section details the specific procedure **codes** associated with the corresponding procedural category listed in the **“**ELSO Registry Trauma Addendum Data Definitions Document”. Procedures should be obtained directly from the institution’s trauma coordinator, then assigned to their corresponding category as “yes” or “no” (e.g., code 61107 = “yes” for Intracranial Pressure Monitor). The same procedure may be entered multiple times. Only procedures that are pertinent to the specific admission for ECLS are entered. Procedures that occur immediately prior to, during, and immediately after ECLS may be included, if the Center determines they are pertinent to the ECLS run. However, procedures that are common to all ICU patients, such as arterial line placement are not required. Procedures performed after ECLS may also be added, including those associated with discharge and/or death. If a procedure occurs more than once, enter the first occurence only. |
| Field Name | Definition / Explanation / Example |
| Surgical or invasive procedures prior to **Current Procedural Terminology (CPT) Codes****Intracranial Pressure Monitor****External Ventricular Drain placement****Intracranial Pressure Monitor****Craniotomy / Craniectomy****Thoracotomy (Tracheal, bronchial reconstruction)****Thoracotomy (without reconstruction)****Thoracic drainage (with or without thoracotomy)****Cardiac Surgery****Pericardial drain placement****Great Vessel repair (surgical reconstruction)****Great Vessel repair (stenting)****REBOA****Pelvic stabilisation (fixateur)****Radiological embolisation of hemorrage****Laparotomy with or without damage control. Inclusive laparoscopy****ORIF, spinal stabilization****Surgical debridement, release of compartment syndrome on extremities****Escharotomy****Others** | **Current Procedural Terminology (CPT)** codes are the United States’ standard for how medical professionals document and report medical, surgical, radiology, laboratory, anesthesiology, and evaluation and management (E/M) services. **The information to be obtain from the local Trauma Center Coordinator** |
| **CPT Code 61107** Twist drill hole(s) for subdural, intra-cerebral, or ventricular puncture; for implanting ventricular puncture; for implanting catheter, pressure recording device or other intracerebral monitoring device**CPT Code 61108** Twist drill hole(s) for subdural, intracerebral, or ventricular puncture; for evacuation and/or drainage of subdural hematoma**CPT Code 61210** Burr hole(s); with aspiration of hematoma or cyst, intracerebral for implanting ventricular catheter, reservoir, EEG electrode(s), pressure recording device, or other cerebral monitoring device (separate procedure)**CPT Code 61154** Burr hole(s) with evacuation and/or drainage of hematoma, extradural or subdural

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| **61250** | Burr hole(s) or trephine, supratentorial, exploratory, not followed by other surgery |
| **61253** | Burr hole(s) or trephine, infratentorial, unilateral or bilateral |

**ICD-9-CM Procedure Codes** 01.10 Intracranial Pressure Monitoring**ICD-10 PCS Code**4A003BD Measurement of Intracranial Pressure, Percutaneous Approach4A007BD Measurement of Intracranial Pressure, Via Natural or Artificial Opening4A103BD Monitoring of Intracranial Pressure, Percutaneous Approach 4A107BD Monitoring of Intracranial Pressure, Via Natural or Artificial Opening |
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| 61304 | Craniectomy or craniotomy, exploratory; supratentorial |
| 61305 | Craniectomy or craniotomy, exploratory; infratentorial (posterior fossa) |
| 61312 | Craniectomy or craniotomy for evacuation of hematoma, supratentorial; extradural or subdural |
| 61313 | Craniectomy or craniotomy for evacuation of hematoma, supratentorial; intracerebral |
| 61314 | Craniectomy or craniotomy for evacuation of hematoma, infratentorial; extradural or subdural |
| 61315 | Craniectomy or craniotomy for evacuation of hematoma, infratentorial; intracerebellar |
| 61320 | Craniectomy or craniotomy, drainage of intracranial abscess; supratentorial |
| 61321 | Craniectomy or craniotomy, drainage of intracranial abscess; infratentorial |
| 61322 | Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; without lobectomy |
| 61323 | Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; with lobectomy |

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| 31770 | Bronchoplasty; graft repair |
| 31775 | Bronchoplasty; excision stenosis and anastomosis |

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| 20101 | Exploration of penetrating wound (separate procedure); chest |
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| 32100 | Thoracotomy; with exploration |
| 32110 | Thoracotomy; with control of traumatic hemorrhage and/or repair of lung tear |
| 32151 | Thoracotomy; with removal of intrapulmonary foreign body |
| 32440 | Removal of lung, pneumonectomy; |
| 32442 | Removal of lung, pneumonectomy; with resection of segment of trachea followed by broncho-tracheal anastomosis (sleeve pneumonectomy) |
| 32445 | Removal of lung, pneumonectomy; extrapleural |
| 32480 | Removal of lung, other than pneumonectomy; single lobe (lobectomy) |
| 32482 | Removal of lung, other than pneumonectomy; 2 lobes (bilobectomy) |
| 32484 | Removal of lung, other than pneumonectomy; single segment (segmentectomy) |
| 32486 | Removal of lung, other than pneumonectomy; with circumferential resection of segment of bronchus followed by broncho-bronchial anastomosis (sleeve lobectomy) |
| 32488 | Removal of lung, other than pneumonectomy; with all remaining lung following previous removal of a portion of lung (completion pneumonectomy) |
| 32800 | Repair lung hernia through chest wall |
| 32815 | Open closure of major bronchial fistula |
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| 32551 Tube thoracostomy, includes connection to drainage system (e.g., water seal), when performed, open (separate procedure)32554 - Thoracentesis, needle or catheter, aspiration of the pleural space; without image guidance32555 - Thoracentesis, needle or catheter, aspiration of the pleural space; with image guidance32556 - Pleural drainage, percutaneous, with insertion of indwelling catheter; without image guidance32557 - Pleural drainage, percutaneous, with insertion of indwelling catheter; with image guidance32550 and 75989 chest tube tunneled  |
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| 32658 | Thoracoscopy, surgical; with removal of clot or foreign body from pericardial sac |
| 32659 | Thoracoscopy, surgical; with creation of pericardial window or partial resection of pericardial sac for drainage |
| 33020 | Pericardiotomy for removal of clot or foreign body (primary procedure) |
| 33025 | Creation of pericardial window or partial resection for drainage |
| 33030 | Pericardiectomy, subtotal or complete; without cardiopulmonary bypass |
| 33031 | Pericardiectomy, subtotal or complete; with cardiopulmonary bypass |
| 33300 | Repair of cardiac wound; without bypass  |
| 33305 | Repair of cardiac wound; with cardiopulmonary bypass  |
| 33310 | Cardiotomy, exploratory (includes removal of foreign body, atrial or ventricular thrombus); without bypass  |
| 33315 | Cardiotomy, exploratory (includes removal of foreign body, atrial or ventricular thrombus); with cardiopulmonary bypass  |
| 33510 | Coronary artery bypass, vein only; single coronary venous graft |
| 33511 | Coronary artery bypass, vein only; 2 coronary venous grafts |
| 33512 | Coronary artery bypass, vein only; 3 coronary venous grafts |
| 33513 | Coronary artery bypass, vein only; 4 coronary venous grafts |
| 33533 | Coronary artery bypass, using arterial graft(s); single arterial graft |
| 33534 | Coronary artery bypass, using arterial graft(s); 2 coronary arterial grafts |
| 33535 | Coronary artery bypass, using arterial graft(s); 3coronary arterial grafts |
| 33536 | Coronary artery bypass, using arterial graft(s); 4 or moreoronary arterial grafts |
| 33202 | Insertion of epicardial electrode(s); open incision (e.g., thoracotomy, median sternotomy, subxiphoid approach) |
| 33203 | Insertion of epicardial electrode(s); endoscopic approach (e.g., thoracoscopy, pericardioscopy) |

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| 33025 | Creation of pericardial window or partial resection for drainage |

33010 when there is no incision on the skin and a long gauge needle (with or without fluoroscopic guidance) is used to aspirate the pericardial fluid.33015 a catheter is inserted into the pericardial space following needle insertion |
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| 35512 | Bypass graft subclavian- brachial |
| 35516 | Bypass graft, with vein; subclavian-axillary |
| 35518 | Bypass graft, with vein; axillary-axillary |
| 35521 | Bypass graft, with vein; axillary-femoral |
| 35522 | Bypass graft, with vein; axillary-brachial |
| 35523 | Bypass graft, with vein; brachial-ulnar or -radial |
| 35525 | Bypass graft, with vein; brachial-brachial |
| 35533 | Bypass graft, with vein; axillary-femoral-femoral |
| 35556 | Bypass graft, with vein; femoral-popliteal |
| 35558 | Bypass graft, with vein; femoral-femoral |
| 35566 | Bypass graft, with vein; femoral-anterior tibial, posterior tibial, peroneal artery or other distal vessels |
| 35570 | Bypass graft, with vein; tibial-tibial, peroneal-tibial, or tibial/peroneal trunk-tibial |
| 35571 | Bypass graft, with vein; popliteal-tibial, -peroneal artery or other distal vessels |
| 35583 | In-situ vein bypass; femoral-popliteal |
| 35585 | In-situ vein bypass; femoral-anterior tibial, posterior tibial, or peroneal artery |
| 35587 | In-situ vein bypass; popliteal-tibial, peroneal |
| 35616 | Bypass graft, with other than vein; subclavian-axillary |
| 35621 | Bypass graft, with other than vein; axillary-femoral |
| 35623 | Bypass graft, with other than vein; axillary-popliteal or -tibial |
| 35650 | Bypass graft, with other than vein; axillary-axillary |
| 35654 | Bypass graft, with other than vein; axillary-femoral-femoral |
| 35656 | Bypass graft, with other than vein; femoral-popliteal |
| 35661 | Bypass graft, with other than vein; femoral-femoral |
| 35666 | Bypass graft, with other than vein; femoral-anterior tibial, posterior tibial, or peroneal artery |
| 35671 | Bypass graft, with other than vein; popliteal-tibial or -peroneal artery |

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| 34701 | Endovascular repair of infrarenal aorta by deployment of an aorto-aortic tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the aortic bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the aortic bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer) |
| 34702 | Endovascular repair of infrarenal aorta by deployment of an aorto-aortic tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the aortic bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the aortic bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption) |
| 34703 | Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-uni-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer) |
| 34704 | Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-uni-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption) |
| 34705 | Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-bi-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer) |
| 34706 | Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-bi-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption) |
| 34707 | Endovascular repair of iliac artery by deployment of an ilio-iliac tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, and all endograft extension(s) proximally to the aortic bifurcation and distally to the iliac bifurcation, and treatment zone angioplasty/stenting, when performed, unilateral; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, arteriovenous malformation) |
| 34708 | Endovascular repair of iliac artery by deployment of an ilio-iliac tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, and all endograft extension(s) proximally to the aortic bifurcation and distally to the iliac bifurcation, and treatment zone angioplasty/stenting, when performed, unilateral; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, arteriovenous malformation, traumatic disruption) |

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| **Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)**37244 vascular occlusion for arterial or venous hemorrhage |
| 27194 Closed treatment of pelvic ring fracture, dislocation, diastasis or subluxation; with manipulation, requiring more than local anesthesia |
| 36245 Selective catheter placement, arterial system; each first order abdominal, pelvic, or lower extremity artery branch36246 Initial second order abdominal, pelvic, or lower extremity artery branch, within a vascular family36247 Initial third order or more selective abdominal, pelvic, or lower extremity artery branch, within a vascular family37244 Vascular embolization or occlusion for arterial or venous hemorrhage or lymphatic extravasation |
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| 44979 | Unlisted laparoscopy procedure, appendix  |
| 44900 | Incision and drainage of appendiceal abscess; open  |
| 47120 | Hepatectomy, resection of liver; partial lobectomy  |
| 47122 | Hepatectomy, resection of liver; trisegmentectomy  |
| 47125 | Hepatectomy, resection of liver; total left lobectomy  |
| 47130 | Hepatectomy, resection of liver; total right lobectomy  |
| 47350 | Management of liver hemorrhage; simple suture of liver wound or injury  |
| 47360 | Management of liver hemorrhage; complex suture of liver wound or injury, with or without hepatic artery ligatio |
| 47361 | Management of liver hemorrhage; exploration of hepatic wound, extensive debridement, coagulation and/or suture, with or without packing of liver  |
| 47362 | Management of liver hemorrhage; re-exploration of hepatic wound for removal of packing  |
| 47379 | Unlisted laparoscopic procedure, liver  |
| 47560 | Laparoscopy, surgical; with guided transhepatic cholangiography, without biopsy  |
| 47760 | Anastomosis, of extrahepatic biliary ducts and gastrointestinal tract  |
| 47765 | Anastomosis, of intrahepatic ducts and gastrointestinal tract  |
| 47780 | Anastomosis, Roux-en-Y, of extrahepatic biliary ducts and gastrointestinal tract  |
| 47785 | Anastomosis, Roux-en-Y, of intrahepatic biliary ducts and gastrointestinal tract  |
| 47800 | Reconstruction, plastic, of extrahepatic biliary ducts with end-to-end anastomosis  |
| 47802 | U-tube hepaticoenterostomy  |
| 47900 | Suture of extrahepatic biliary duct for pre-existing injury (separate procedure)  |
| 48000 | Placement of drains, peripancreatic, for acute pancreatitis;  |
| 48001 | Placement of drains, peripancreatic, for acute pancreatitis; with cholecystostomy, gastrostomy, and jejunostomy  |
| 48105 | Resection or debridement of pancreas and peripancreatic tissue for acute necrotizing pancreatitis  |
| 48140 | Pancreatectomy, distal subtotal, with or without splenectomy; without pancreaticojejunostomy  |
| 48145 | Pancreatectomy, distal subtotal, with or without splenectomy; with pancreaticojejunostomy  |
| 48146 | Pancreatectomy, distal, near-total with preservation of duodenum (Child-type procedure)  |
| 48148 | Excision of ampulla of Vater  |
| 48150 | Pancreatectomy, proximal subtotal with total duodenectomy, partial gastrectomy, choledochoenterostomy and gastrojejunostomy (Whipple-type procedure); with pancreatojejunostomy  |
| 48152 | Pancreatectomy, proximal subtotal with total duodenectomy, partial gastrectomy, choledochoenterostomy and gastrojejunostomy (Whipple-type procedure); without pancreatojejunostomy  |
| 48153 | Pancreatectomy, proximal subtotal with near-total duodenectomy, choledochoenterostomy and duodenojejunostomy (pylorus-sparing, Whipple-type procedure); with pancreatojejunostomy  |
| 48154 | Pancreatectomy, proximal subtotal with near-total duodenectomy, choledochoenterostomy and duodenojejunostomy (pylorus-sparing, Whipple-type procedure); without pancreatojejunostomy  |
| 48155 | Pancreatectomy, total  |
| 48545 | Pancreatorrhaphy for injury  |
| 47480 | Cholecystotomy or cholecystostomy, open, with exploration, drainage, or removal of calculus (separate procedure) |
| 47562 | Laparoscopy, surgical; cholecystectomy |
| 47563 | Laparoscopy, surgical; cholecystectomy with cholangiography |
| 47564 | Laparoscopy, surgical; cholecystectomy with exploration of common duct  |
| 47570 | Laparoscopy, surgical; cholecystoenterostomy  |
| 47600 | Cholecystectomy; |
| 47605 | Cholecystectomy; with cholangiography |
| 47610 | Cholecystectomy with exploration of common duct;  |
| 47612 | Cholecystectomy with exploration of common duct; with choledochoenterostomy  |
| 47620 | Cholecystectomy with exploration of common duct; with transduodenal sphincterotomy or sphincteroplasty, with or without cholangiography  |
| 47720 | Cholecystoenterostomy; direct  |
| 47721 | Cholecystoenterostomy; with gastroenterostomy  |
| 47740 | Cholecystoenterostomy; Roux-en-Y  |
| 47741 | Cholecystoenterostomy; Roux-en-Y with gastroenterostomy  |
| 44139 | Mobilization (take-down) of splenic flexure performed in conjunction with partial colectomy (List separately in addition to primary procedure) |
| 44140 | Colectomy, partial; with anastomosis |
| 44141 | Colectomy, partial; with skin level cecostomy or colostomy |
| 44143 | Colectomy, partial; with end colostomy and closure of distal segment (Hartmann type procedure) |
| 44144 | Colectomy, partial; with resection, with colostomy or ileostomy and creation of mucofistula |
| 44145 | Colectomy, partial; with coloproctostomy (low pelvic anastomosis) |
| 44146 | Colectomy, partial; with coloproctostomy (low pelvic anastomosis), with colostomy |
| 44147 | Colectomy, partial; abdominal and transanal approach |
| 44150 | Colectomy, total, abdominal, without proctectomy; with ileostomy or ileoproctostomy |
| 44151 | Colectomy, total, abdominal, without proctectomy; with continent ileostomy |
| 44155 | Colectomy, total, abdominal, with proctectomy; with ileostomy |
| 44156 | Colectomy, total, abdominal, with proctectomy; with continent ileostomy |
| 44157 | Colectomy, total, abdominal, with proctectomy; with ileoanal anastomosis, includes loop ileostomy, and rectal mucosectomy, when performed |
| 44158 | Colectomy, total, abdominal, with proctectomy; with ileoanal anastomosis, creation of ileal reservoir (S or J), includes loop ileostomy, and rectal mucosectomy, when performed |
| 44160 | Colectomy, partial, with removal of terminal ileum with ileocolostomy |
| 44188 | Laparoscopy, surgical, colostomy or skin level cecostomy |
| 44204 | Laparoscopy, surgical; colectomy, partial, with anastomosis |
| 44205 | Laparoscopy, surgical; colectomy, partial, with removal of terminal ileum with ileocolostomy |
| 44206 | Laparoscopy, surgical; colectomy, partial, with end colostomy and closure of distal segment (Hartmann type procedure) |
| 44207 | Laparoscopy, surgical; colectomy, partial, with anastomosis, with coloproctostomy (low pelvic anastomosis) |
| 44208 | Laparoscopy, surgical; colectomy, partial, with anastomosis, with coloproctostomy (low pelvic anastomosis) with colostomy |
| 44210 | Laparoscopy, surgical; colectomy, total, abdominal, without proctectomy, with ileostomy or ileoproctostomy |
| 44211 | Laparoscopy, surgical; colectomy, total, abdominal, with proctectomy, with ileoanal anastomosis, creation of ileal reservoir (S or J), with loop ileostomy, includes rectal mucosectomy, when performed |
| 44212 | Laparoscopy, surgical; colectomy, total, abdominal, with proctectomy, with ileostomy |
| 44213 | Laparoscopy, surgical, mobilization (take-down) of splenic flexure performed in conjunction with partial colectomy (List separately in addition to primary procedure) |
| 44227 | Laparoscopy, surgical, closure of enterostomy, large or small intestine, with resection and anastomosis |
| 44320 | Colostomy or skin level cecostomy; |
| 44604 | Suture of large intestine (colorrhaphy) for perforated ulcer, diverticulum, wound, injury or rupture (single or multiple perforations); without colostomy |
| 44605 | Suture of large intestine (colorrhaphy) for perforated ulcer, diverticulum, wound, injury or rupture (single or multiple perforations); with colostomy |
| 43117 | Partial esophagectomy, distal two-thirds, with thoracotomy and separate abdominal incision, with or without proximal gastrectomy; with thoracic esophagogastrostomy, with or without pyloroplasty (Ivor Lewis) |
| 43118 | Partial esophagectomy, distal two-thirds, with thoracotomy and separate abdominal incision, with or without proximal gastrectomy; with colon interposition or small intestine reconstruction, including intestine mobilization, preparation, and anastomosis(es) |
| 43121 | Partial esophagectomy, distal two-thirds, with thoracotomy only, with or without proximal gastrectomy, with thoracic esophagogastrostomy, with or without pyloroplasty |
| 43122 | Partial esophagectomy, thoracoabdominal or abdominal approach, with or without proximal gastrectomy; with esophagogastrostomy, with or without pyloroplasty |
| 43360 | Gastrointestinal reconstruction for previous esophagectomy, for obstructing esophageal lesion or fistula, or for previous esophageal exclusion; with stomach, with or without pyloroplasty |
| 43500 | Gastrotomy; with exploration or foreign body removal |
| 43501 | Gastrotomy; with suture repair of bleeding ulcer |
| 43502 | Gastrotomy; with suture repair of pre-existing esophagogastric laceration (eg, Mallory-Weiss) |
| 43620 | Gastrectomy, total; with esophagoenterostomy |
| 43621 | Gastrectomy, total; with Roux-en-Y reconstruction |
| 43622 | Gastrectomy, total; with formation of intestinal pouch, any type |
| 43631 | Gastrectomy, partial, distal; with gastroduodenostomy |
| 43632 | Gastrectomy, partial, distal; with gastrojejunostomy |
| 43633 | Gastrectomy, partial, distal; with Roux-en-Y reconstruction |
| 43634 | Gastrectomy, partial, distal; with formation of intestinal pouch |
| 43640 | Vagotomy including pyloroplasty, with or without gastrostomy; truncal or selective |
| 43641 | Vagotomy including pyloroplasty, with or without gastrostomy; parietal cell (highly selective) |
| 43800 | Pyloroplasty |
| 43810 | Gastroduodenostomy |
| 43820 | Gastrojejunostomy; without vagotomy |
| 43825 | Gastrojejunostomy; with vagotomy, any type |
| 43840 | Gastrorrhaphy, suture of perforated duodenal or gastric ulcer, wound, or injury |
| 58150 | Total abdominal hysterectomy (corpus and cervix), with or without removal of tube(s), with or without removal of ovary(s) |
| 59525 | Subtotal or total hysterectomy after cesarean delivery |
| 50010 | Renal exploration, not necessitating other specific procedures  |
| 50020 | Drainage of perirenal or renal abscess, open  |
| 50040 | Nephrostomy, nephrotomy with drainage  |
| 50045 | Nephrotomy, with exploration  |
| 50120 | Pyelotomy; with exploration  |
| 50125 | Pyelotomy; with drainage, pyelostomy  |
| 50240 | Nephrectomy, partial  |
| 45562 | Exploration, repair, and presacral drainage for rectal injury |
| 45563 | Exploration, repair, and presacral drainage for rectal injury; with colostomy |
| 44010 | Duodenotomy, for exploration, biopsy(s), or foreign body removal |
| 44015 | Tube or needle catheter jejunostomy for enteral alimentation, intraoperative, any method (List separately in addition to primary procedure) |
| 44020 | Enterotomy, small intestine, other than duodenum; for exploration, biopsy(s), or foreign body removal |
| 44021 | Enterotomy, small intestine, other than duodenum; for decompression (eg, Baker tube) |
| 44120 | Enterectomy, resection of small intestine; single resection and anastomosis |
| 44121 | Enterectomy, resection of small intestine; each additional resection and anastomosis (List separately in addition to code for primary procedure) |
| 44125 | Enterectomy, resection of small intestine; with enterostomy |
| 44126 | Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; without tapering |
| 44127 | Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; with tapering |
| 44128 | Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; each additional resection and anastomosis (List separately in addition to code for primary procedure) |
| 44186 | Laparoscopy, surgical; jejunostomy (eg, for decompression or feeding) |
| 44187 | Laparoscopy, surgical; ileostomy or jejunostomy, non-tube |
| 44202 | Laparoscopy, surgical; enterectomy, resection of small intestine, single resection and anastomosis |
| 44203 | Laparoscopy, surgical; each additional small intestine resection and anastomosis (List separately in addition to code for primary procedure) |
| 44300 | Enterostomy-External Fistulization of Intestines Procedures |
| 44310 | Ileostomy or jejunostomy, non-tube |
| 44312 | Revision of ileostomy; simple (release of superficial scar) (separate procedure) |
| 44314 | Revision of ileostomy; complicated (reconstruction in-depth) (separate procedure) |
| 44316 | Continent ileostomy (Kock procedure) (separate procedure) |
| 44602 | Suture of small intestine (enterorrhaphy) for perforated ulcer, diverticulum, wound, injury or rupture; single perforation |
| 44603 | Suture of small intestine (enterorrhaphy) for perforated ulcer, diverticulum, wound, injury or rupture; multiple perforations |
| 38100 | Splenectomy; total (separate procedure) |
| 38101 | Splenectomy; partial (separate procedure) |
| 38102 | Splenectomy; total, en bloc for extensive disease, in conjunction with other procedure (List in addition to code for primary procedure) |
| 38115 | Repair of ruptured spleen (splenorrhaphy) with or without partial splenectomy |
| 38120 | Laparoscopy, surgical, splenectomy |
| 35840 | Exploration for postoperative hemorrhage, thrombosis or infection; abdomen |
| 44005 | Enterolysis (freeing of intestinal adhesion) (separate procedure) |
| 44180 | Laparoscopy, surgical, enterolysis (freeing of intestinal adhesion) (separate procedure) |
| 44820 | Excision of lesion of mesentery (separate procedure) |
| 44850 | Suture of mesentery (separate procedure) |
| 49002 | Reopening of recent laparotomy |
| 49020 | Drainage of peritoneal abscess or localized peritonitis, exclusive of appendiceal abscess, open |
| 49040 | Drainage of subdiaphragmatic or subphrenic abscess, open |
| 49060 | Drainage of retroperitoneal abscess, open |

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| 23615 | Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed; |
| 23616 | Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed; with proximal humeral prosthetic replacement |
| 23630 | Open treatment of greater humeral tuberosity fracture, includes internal fixation, when performed |
| 23670 | Open treatment of shoulder dislocation, with fracture of greater humeral tuberosity, includes internal fixation, when performed |
| 23680 | Open treatment of shoulder dislocation, with surgical or anatomical neck fracture, includes internal fixation, when performed |
| 24515 | Open treatment of humeral shaft fracture with plate/screws, with or without cerclage |
| 24516 | Treatment of humeral shaft fracture, with insertion of intramedullary implant, with or without cerclage and/or locking screws |
| 27177 | Open treatment of slipped femoral epiphysis; single or multiple pinning or bone graft (includes obtaining graft) |
| 27178 | Open treatment of slipped femoral epiphysis; closed manipulation with single or multiple pinning |
| 27179 | Open treatment of slipped femoral epiphysis; osteoplasty of femoral neck (Heyman type procedure) |
| 27181 | Open treatment of slipped femoral epiphysis; osteotomy and internal fixation |
| 27244 | Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with plate/screw type implant, with or without cerclage |
| 27245 | Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with intramedullary implant, with or without interlocking screws and/or cerclage |
| 27248 | Open treatment of greater trochanteric fracture, includes internal fixation, when performed |
| 27254 | Open treatment of hip dislocation, traumatic, with acetabular wall and femoral head fracture, with or without internal or external fixation |
| 27269 | Open treatment of femoral fracture, proximal end, head, includes internal fixation, when performed |
| 27506 | Open treatment of femoral shaft fracture, with or without external fixation, with insertion of intramedullary implant, with or without cerclage and/or locking screws |
| 27507 | Open treatment of femoral shaft fracture with plate/screws, with or without cerclage |
| 27511 | Open treatment of femoral supracondylar or transcondylar fracture without intercondylar extension, includes internal fixation, when performed |
| 27513 | Open treatment of femoral supracondylar or transcondylar fracture with intercondylar extension, includes internal fixation, when performed |
| 27514 | Open treatment of femoral fracture, distal end, medial or lateral condyle, includes internal fixation, when performed |
| 27519 | Open treatment of distal femoral epiphyseal separation, includes internal fixation, when performed |
| 27535 | Open treatment of tibial fracture, proximal (plateau); unicondylar, includes internal fixation, when performed |
| 27536 | Open treatment of tibial fracture, proximal (plateau); bicondylar, with or without internal fixation |
| 27540 | Open treatment of intercondylar spine(s) and/or tuberosity fracture(s) of the knee, includes internal fixation, when performed |
| 27758 | Open treatment of tibial shaft fracture (with or without fibular fracture), with plate/screws, with or without cerclage |
| 27759 | Treatment of tibial shaft fracture (with or without fibular fracture) by intramedullary implant, with or without interlocking screws and/or cerclage |

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| 22532 | Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic |
| 22533 | Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar |
| 22548 | Arthrodesis, anterior transoral or extraoral technique, clivus-C1-C2 (atlas-axis), with or without excision of odontoid process |
| 22551 | Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophytectomy and decompression of spinal cord and/or nerve roots; cervical below C2 |
| 22554 | Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); cervical below C2 |
| 22556 | Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic |
| 22558 | Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar |
| 22586 | Arthrodesis, pre-sacral interbody technique, including disc space preparation, discectomy, with posterior instrumentation, with image guidance, includes bone graft when performed, L5-S1 interspace |
| 22590 | Arthrodesis, posterior technique, craniocervical (occiput-C2) |
| 22595 | Arthrodesis, posterior technique, atlas-axis (C1-C2) |
| 22600 | Arthrodesis, posterior or posterolateral technique, single level; cervical below C2 segment |
| 22610 | Arthrodesis, posterior or posterolateral technique, single level; thoracic (with lateral transverse technique, when performed) |
| 22612 | Arthrodesis, posterior or posterolateral technique, single level; lumbar (with lateral transverse technique, when performed) |
| 22630 | Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar |
| 22633 | Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace and segment; lumbar |
| 22800 | Arthrodesis, posterior, for spinal deformity, with or without cast; up to 6 vertebral segments |
| 22802 | Arthrodesis, posterior, for spinal deformity, with or without cast; 7 to 12 vertebral segments |
| 22804 | Arthrodesis, posterior, for spinal deformity, with or without cast; 13 or more vertebral segments |
| 22808 | Arthrodesis, anterior, for spinal deformity, with or without cast; 2 to 3 vertebral segments |
| 22810 | Arthrodesis, anterior, for spinal deformity, with or without cast; 4 to 7 vertebral segments |
| 22812 | Arthrodesis, anterior, for spinal deformity, with or without cast; 8 or more vertebral segments |
| 27280 | Arthrodesis, sacroiliac joint (including obtaining graft) |
| 0195T | Arthrodesis, pre-sacral interbody technique, disc space preparation, discectomy, without instrumentation, with image guidance, includes bone graft when performed; L5-S1 interspace |
| 0196T | Arthrodesis, pre-sacral interbody technique, disc space preparation, discectomy, without instrumentation, with image guidance, includes bone graft when performed; L4-L5 interspace (List separately in addition to code for primary procedure) |
| 63001 | Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; cervical |
| 63003 | Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; thoracic |
| 63005 | Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; lumbar, except for spondylolisthesis |
| 63011 | Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; sacral |
| 63012 | Laminectomy with removal of abnormal facets and/or pars inter-articularis with decompression of cauda equina and nerve roots for spondylolisthesis, lumbar (Gill type procedure) |
| 63015 | Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; cervical |
| 63016 | Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; thoracic |
| 63017 | Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; lumbar |

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| 20101 | Exploration of penetrating wound (separate procedure); chest |
| 20102 | Exploration of penetrating wound (separate procedure); abdomen/flank/back |
| 35840 | Exploration for postoperative hemorrhage, thrombosis or infection; abdomen |
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| 0479T | Fractional ablative laser fenestration of burn and traumatic scars for functional improvement; first 100 cm2 or part thereof, or 1% of body surface area of infants and children |
| 0480T+ | Fractional ablative laser fenestration of burn and traumatic scars for functional improvement; each additional 100 cm2, or each additional 1% of body surface area of infants and children, or part thereof (List separately in addition to code for primary procedure) Add on code, list separately with the primary procedure-0379T. |

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| 23920 | Disarticulation of shoulder |
| 24900 | Amputation, arm through humerus; with primary closure  |
| 24920 | Amputation, arm through humerus; open, circular (guillotine)  |
| 24930 | Amputation, arm through humerus; re-amputation  |
| 24931 | Amputation, arm through humerus; with implant  |
| 25900 | Amputation, forearm, through radius and ulna |
| 25905 | Amputation, forearm, through radius and ulna; open, circular (guillotine)  |
| 25909 | Amputation, forearm, through radius and ulna; re-amputation |
| 27290 | Interpelviabdominal amputation (hindquarter amputation)  |
| 27295 | Disarticulation of hip  |
| 27590 | Amputation, thigh, through femur, any level;  |
| 27591 | Amputation, thigh, through femur, any level; immediate fitting technique including first cast  |
| 27592 | Amputation, thigh, through femur, any level; open, circular (guillotine)  |
| 27598 | Disarticulation at knee |
| 27880 | Amputation, leg, through tibia and fibula;  |
| 27882 | Amputation, leg, through tibia and fibula; open, circular (guillotine)  |
| 27884 | Amputation, leg, through tibia and fibula; secondary closure or scar revision  |
| 27886 | Amputation, leg, through tibia and fibula; re-amputation  |
| 27888 | Amputation, ankle, through malleoli of tibia and fibula (e.g., Syme, Pirogoff type procedures), with plastic closure and resection of nerves  |
| 27889 | Ankle disarticulation  |
| 28800 | Amputation, foot; midtarsal (e.g., Chopart type procedure)  |
| 28805 | Amputation, foot; transmetatarsal  |

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