McKesson Health Solutions Guidelines for Surgery and Procedures in the Inpatient Setting were developed to assist our clients in making decisions on whether a procedure is appropriate for the inpatient setting. For organisations that do not have an inpatient list, and/or who needed some assistance with inpatient designation, this list may be used as a guide. McKesson strongly recommends that this list be reviewed and approved by the medical staff peer review at an organisational level before it is instituted. It is not intended to be all-inclusive and the ultimate decision to admit the patient to the hospital is the responsibility of the treating provider. If a question arises as to the appropriate setting and the patient’s safety is of concern, then the case should go to secondary medical review.

The procedures are listed alphabetically and categorised by body systems (e.g., Cardiac, Endocrine, Gastrointestinal). Some procedures include a specific approach, or other qualifiers. For example:

- **Renal biopsy, Open** - open is a qualifier indicating that only open renal biopsies are appropriate for the inpatient setting.
- **Pacemaker Insertion: Urgent or by Thoracotomy** - indicates an elective pacemaker insertion performed by a thoracotomy approach or an urgent transvenous pacemaker insertion is appropriate for the inpatient setting.

Urgent procedures are those procedures which must be done immediately due to the severity of the patient's symptoms or findings.

Each body system listed below contains 2 sections:
- Procedures appropriate for an inpatient setting based on the InterQual® Procedures Criteria.
- Procedures appropriate for an inpatient setting based on consultant feedback.

**CARDIAC**

These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:

- Biventricular Pacemaker Insertion
- Biventricular Pacemaker - Implantable Cardioverter Defibrillator (ICD) (Combination Device Insertion)
- Coronary Artery Bypass Graft (CABG)
- Excision: Pericardial Cyst / Tumour; External / Intra Cardiac Tumour
- Implantable Cardioverter Defibrillator (ICD) Insertion: Urgent or by Thoracotomy / Subxiphoid approach
- Pacemaker Insertion: Urgent or by Thoracotomy approach
- Percutaneous Coronary Intervention (PCI): Urgent
- Angioplasty
- Atherectomy
- Brachytherapy
- DCA
- Stent Insertion
- Pericardiectomy
- Pericardiocentesis*
- Radiofrequency Ablation (RFA), Cardiac Repair:
  - Atrial Septal Defect (ASD), +/- Prosthesis / Tissue Graft
  - Ventricular Septal Defect (VSD)
- Transplantation, Heart
- Valvuloplasty
- Valve Replacement / Repair / Revision

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
CARDIAC (Cont’d)

These procedures are appropriate for the inpatient setting based on consultant feedback:

- Ablation, Cardiac (Open)
- Aortoplasty / Aortopexy
- Atrial Septostomy / Septectomy
- Blalock-Hanlon Procedure
- Blalock Shunt / Blalock-Taussig, Modified
- Cardiotomy
- Coarctation of the Aorta, Repair (Anastomosis / Waldhausen Procedure)
- Fontan Procedure
- Implantable Cardioverter Defibrillator (ICD), Removal
- Intra-aortic Balloon Pump (IABP) Insertion / Removal
- Myectomy / Myocardial Resection
- Pacemaker Removal, by Thoracotomy
- Patent Ductus Arteriosus, Ligation / Division
- Pericardiostomy / Pericardiotomy / Pericardial Window
- Patent Ductus Arteriosus, Ligation / Division
- Repair:
  - Aorta / Great Vessels
  - Atrial-Ventricular (AV) Septal Defect (Complete)
  - Endocardial Cushion Defect +/- Prosthesis / Tissue Graft (Open)
  - Pulmonary Atresia
  - Pulmonary Stenosis
  - Tetralogy of Fallot
  - Truncus Arteriosus
  - Transposition of the Great Vessels
- Thrombolysis, Coronary, Intracoronary Infusion
- Ventricular Assist Device (VAD) Insertion
- Ventriculomyotomy

ENDOCRINE

These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:

- Adrenalectomy / Adrenal Mass Removal
- Parathyroid Exploration / Excision
- Parotidectomy*
- Pituitary Tumour Excision / Hypophysectomy, Transsphenoidal
- Submandibular Gland Excision*
- Thyroidectomy

These procedures are appropriate for the inpatient setting based on consultant feedback:

- Thymectomy

EYE, EAR, NOSE, THROAT

These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:

- Adenoidectomy (Paediatric only):
  - < 3 years of age
  - Obstructive adenoid enlargement
- Cleft Lip Repair
- Cleft Palate Repair
- Dental Implant, Fixed* / Transmandibular*
- Enucleation*
- Ethmoidectomy (Open)
- Frontal Sinus Obliteration
- Glossectomy
- Hemiglossectomy
- Laryngectomy
- Mastoidectomy, with Tympanoplasty
- Maxillectomy

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
GUIDELINES FOR SURGERY AND PROCEDURES
IN THE INPATIENT SETTING

EYE, EAR, NOSE, THROAT (Cont’d)
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
Nasal / Sinus (Surgical Open procedure)
Sinusotomy:
Frontal (Open)
Maxillary (Endoscopic / Open)
Tonsillectomy (Paediatric only):
< 3 years of age
Obstructive Tonsillar Hypertrophy
Peritonsillar Abscess
Tonsillar Haemorrhage
Tympanoplasty (Paediatric only)*
Vestibuloplasty

These procedures are appropriate for the inpatient setting based on consultant feedback:
Anastomosis, Facial Nerve, Hypoglossal
Control, Nose Bleed, Complicated
Excision Aural Glomus Tumour, Transcanal, Extratemporal
Excision External Auditory Canal Lesion: Radical
Facial / Jaw Reconstruction
Laryngoplasty
Pharyngolaryngectomy
Radical Resection Tonsils
Removal, Tumour, Temporal Bone
Resection Temporal Bone, External Approach
Revision Pharyngeal Wall
Sialoadenectomy*

GASTROINTESTINAL
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
Abdominal Perineal Resection (APR)
Appendectomy: (Open / Perforated / Complicated)
Bariatric Surgery:
Gastric Stapling, +/- Bypass
Lap Band Gastric Banding*
Roux-en-Y Gastric Bypass (RYGB)
Cholangiogram (Intraoperative)
Cholecystectomy (Open / Laparoscopic and Acute Cholecystitis)
Cholecystoenterostomy / Cholecystojejunostomy
Cholecdochoduodenostomy / Choledochojejunostomy
Colecotomy:
Hartman Pouch Procedure
Hemicolectomy / Partial Colectomy
Low Anterior Resection
Proctocolectomy
Sigmoidectomy / Sigmoid resection
Subtotal Colectomy, + Ileostomy
Total Colectomy, + Ileostomy (e.g., Ileal-Anal / Ileal-Rectal Pouch Anastomosis)
Colostomy Creation / Closure
Common Duct Exploration (CDE)
Oesophageal Perforation Repair
Oesophagectomy
Oesophagomyotomy
Exploratory Laparotomy / Laparotomy
Gastrectomy:
Antrectomy
Hemigastrectomy
Subtotal / Total

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
GUIDELINES FOR SURGERY AND PROCEDURES IN THE INPATIENT SETTING

GASTROINTESTINAL (Cont’d)

These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:

- Gastroduodenostomy / Gastroenterostomy / Gastrojejunostomy
- Herniorrhaphy, Ventral:
  - Incarcerated or Strangulated
  - Large (defect > 4 cm)
  - Multiple Fascial Defects
  - Recurrent Hernia
- Hiatal Hernia Repair / Antireflux Surgery:
  - Belsey Repair
  - Fundoplication
  - Hill Repair
  - Nissen Repair
  - Thal-Nissen Repair
- Hiatal Hernia Repair / Antireflux Surgery:
  - Belsey Repair
  - Fundoplication
  - Hill Repair
  - Nissen Repair
- Hiatal Hernia Repair / Antireflux Surgery:
  - Belsey Repair
  - Fundoplication
  - Hill Repair
  - Nissen Repair
- Pancreatectomy
- Pancreatic Pseudocyst Drainage / Pancreaticocystgastrostomy / Pancreaticocystojejunostomy
- Pancreatodudodenectomy (Whipple Procedure)
- Pancreaticojejunostomy:
  - Beger Procedure
  - Frey Procedure
  - Partington-Rochelle Procedure
  - Puestow Procedure
- Pancreaticojejunostomy:
  - Beger Procedure
  - Frey Procedure
  - Partington-Rochelle Procedure
  - Puestow Procedure
- Panniculectomy, Abdominal
- Pyloromyotomy (Paediatric)
- Pyloroplasty and Vagotomy
- Small Bowel Resection / Repair
- Transplantation, Liver

These procedures are appropriate for the inpatient setting based on consultant feedback:

- Anoplasty
- Biopsy: Pancreas; Liver; Stomach (Open)
- Cholecystectomy* / Cholecystostomy (Laparoscopic)*
- Choledochotomy / Choledochostomy
- Colotomy
- Drainage Abdominal Abscess (Open)
- Duodenal Atresia Repair
- Duodenoduodenostomy / Duodenojejunostomy
- Enterostomy / Caecostomy
- Enterotomy
- Oesophagojejunostomy/Oesophagogastrostomy*
- Oesophageoplasty
- Oesophagectomy / Oesophagostomy
- Fistula Repair: Cutaneous; Enterocenteric; Colic; Vesical
- Gastroplasty:
  - Revision (Janeway Procedure)
  - Vertical Banded (VBG)
- Gastroscopy Repair
- Gastroscopy (G-tube Insertion) / Jejunostomy (J-tube Insertion) (Paediatric only)
- Gastroscopy
- Hepatic:
  - Hepatectomy: Partial / Donor
  - Lobectomy
  - Resection / Repair / Exploration
  - Hepaticotomy / Hepatotomy
- I & D Appendiceal Abscess (Open)
- Ileostomy (e.g., Koch Procedure)
- Intestinal Plication
- Intussusception, Reduction

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
### Gastrointestinal (Cont’d)

These procedures are appropriate for the inpatient setting based on consultant feedback:

- Ladd Procedure
- Ligation of Oesophageal Varices
- Lysis of Adhesions
- Meckel’s Diverticulum Excision (Open / Laparoscopic*)
- Omphalocele Repair
- Pharyngoesophageal Repair
- Proctopexy / Rectal Prolapse Repair
- Sphincteroplasty (Paediatric)
- Transplantation: Pancreas; Small Bowel
- Tube Caecostomy
- Vagotomy
- Volvulus Reduction: Colon; Small Intestine

### Genitourinary

These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:

- Bladder Neck Suspension:
  - Burch Colposuspension Procedure
  - Marshall-Marchetti-Krantz Procedure
  - Pereyra Procedure
  - Raz Procedure
  - Stamey Modification Procedure
- Cystectomy
- Ileal conduit
- Neobladder Creation
- Nephrectomy: Partial; Radical; Simple; Total; Donor
- Nephrolithotomy (Open / Percutaneous)
- Nephrolithotripsy (Percutaneous)
- Penectomy / Amputation, Penis: Complete; Radical
- Prostatectomy: Radical; (Transurethral / Open)
- Pubovaginal Sling
- Renal Biopsy (Open)
- Transplant, Renal
- Transurethral Holmium Laser Resection / Enucleation
- Ureteral Reimplantation
- Urethoplasty
- Urinary Diversion, Intestinal Conduit
- Urinary Reservoir, Continent Catheterisable

These procedures are appropriate for the inpatient setting based on consultant feedback:

- Bladder Augmentation (Paediatric only)
- Cystorrhaphy
- Cystoplasty / Cystourethroplasty
- Diphallus Repair* / Penoplasty*
- Drainage, Renal Abscess*
- Fistula Repair: Nephroucutaneous; Pyelocutaneous; Nephrovisceral; Ureterocutaneous; Ureterovisceral
- Nephrectomy (Laparoscopic)
- Nephorrhaphy
- Nephrotomy
- Plastic Operation, Penis with Exostrophy of Bladder
- Prostatectomy (Laparoscopic)
- Pyelolithotomy
- Pyeloplasty (Open) / Pyelotomy / Pyelostomy*
- Radical Abdominal Exploration
- Renal Exploration
- Symphysiotomy (for horseshoe kidney)

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
GENITOURINARY (Cont’d)
These procedures are appropriate for the inpatient setting based on consultant feedback:
- Transureteroenterostomy
- Ureteroenterostomy
- Ureterolysis
- Ureterolithotomy / Ureteroneocystostomy
- Ureteroplasty
- Ureteropyelostomy / Ureterocalicostomy
- Ureterosigmoidostomy
- Ureterostomy / Ureterorrhaphy
- Ureterotomy / Ureterectomy
- Urethral Repair*
- Urethroplasty*, Epispadias / Hypospadias (Paediatric only)
- Vesiculectomy
- Vesiculotomy, Complicated

HAEMATOLOGIC AND LYMPHATIC
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
- Lymphadenectomy: Radical; Staging
- Splenectomy

These procedures are appropriate for the inpatient setting based on consultant feedback:
- Radical Neck Dissection
- Staging Procedure (e.g., Hodgkin’s Disease, Lymphoma)
- Transplant, Bone Marrow

MUSCULOSKELETAL
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
- AC Separation (AC ligament) Repair, Shoulder (Open)
- Acetabuloplasty, Hip (Open)
- Acromioplasty, Shoulder (Open)
- Acute Ligamentous Injury Repair, Knee (Open)
- Amputation:
  - Extremity:
    - Lower extremity: Above the knee; Below the knee; Midtarsal; Transmetatarsal; Metatarsal; Metatarsophalangeal
    - Upper extremity: Arm; Forearm; Transmetacarpal; Metacarpal; Metacarpophalangeal; Hand
  - Digit with contamination / infection
    - Annular Ligament Tear Repair, Elbow (Open)
    - Arthrodesis: Ankle (Talotibial Joint); Distal Radiocarpal Joint; Hip; Knee; Wrist, Spine
    - Arthroscopy: Ankle; Elbow; Hip; Knee; Wrist (Lavage for Joint Infection only); Shoulder: Intra-articular Fracture Repair; Lavage for Joint Infection; AC Separation; Unable to Reduce by Closed Procedure; Exploration Post Penetrating Injury
    - Baker’s Cyst Removal*
    - Bicondylar Fracture Repair, Knee (Open)
    - Bone Graft: Fibula
    - Bone Graft, Fracture Malunion / Nonunion:
      - Implantable Stimulator
    - Long Bones
      - Capsulotomy (Contracture Release): Hip; Knee (Open)
      - Chondroplasty, Ankle (Open)*
      - Closed Treatment, Fracture: Femoral Shaft; Hip
      - Costotransversectomy and Disc Excision, Thoracic
      - Deltoid Ligament Repair, Ankle (Open)*
      - Discectomy: Anterior Cervical, +/- Fusion; Lumbar; Temporomandibular Joint
      - Dislocation Reduction, Shoulder (Open)

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
GUIDELINES FOR SURGERY AND PROCEDURES
IN THE INPATIENT SETTING

MUSCULOSKELETAL (Cont’d)

These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:

Excision:
- Herniated Lumbar Intervertebral Disc
- Metastatic Tumour, Spine, +/- Stabilisation
- Radial Head (Avascular Necrosis), Elbow (Open)
- Radial Head (Intra-articular Fracture), Elbow (Open)
- Fixation, In Situ Fracture, Hip (Proximal Femur)
- Fusion: Cervical Spine; Lumbar Spine; Spinal with Harrington Rod; Thoracic Spine
- Hardware Removal (Open): Ankle*; Hip; Knee
- Hemiarthroplasty, Hip
- Lavage, for Joint Infection: Ankle; Elbow; Hip; Knee; Shoulder; Wrist
- Medial and Lateral Ligaments Repair, Elbow (Open)
- Olercron Fracture Repair, Elbow (Open)
- ORIF, Acetabulum; Ankle; Femoral Shaft, Femoral Neck; Hip (Proximal Femur); Humeral Shaft; Pelvis; Radial-Ulnar Shaft; Tibial Shaft; Vertebrae; Odontoid
- Osteotomy: Femur, Proximal; Femur, Femoral Neck; Intertrochanteric; Subtrochanteric; Supracondylar; High Tibial; LeFort I; Mandible Ramus; Pelvic; Posterior Segment, Maxilla; Spine
- Patellar Fracture Repair, Knee (Open)
- Patellar Tendon Rupture Repair, Knee (Open)
- Prosthetic Replacement, Fracture, Hip (Proximal Femur)
- Quadricepsplasty (Release Procedure), Knee (Open)
- Reconstruction: Cruciate Ligament, Knee: (Open)
- Distal Radioulnar Joint
- Temporomandibular Joint
- Reconstruction: Hip, Knee
- Reduction, (Open) and External Fixation, Fracture: Distal Radius and Ulna: Internal or External fixation
- Femoral Shaft
- Hip (Proximal Femur)
- Humeral Shaft
- Tibial Shaft
- Release, Contracture (Open): Ankle; Knee; Hip
- Removal and Replacement, Total Joint Replacement: Knee; Hip; Shoulder
- Stabilisation, Distal Radioulnar Joint
- Supracondylar Fracture Repair, Elbow (Open)
- Synovectomy, Major: Ankle; Hip; Knee (Open)
- Tibial Plateau Fracture Repair; Knee: (Open)
- Total Joint Replacement: Hip; Knee; Shoulder; Temporomandibular
- Triceps Tendon Insertion Repair, Elbow (Open)
- Unicondylar Knee Replacement

These procedures are appropriate for the inpatient setting based on consultant feedback:

Arthrodesis:
- Sacroiliac
- Shoulder
- Symphysis Pubis
- Bone Graft: Iliac Crest
- Capsulectomy Hip
- Chemonucleolysis, Nucleus Pulposus*
- Clubfoot Repair
- Disarticulation: Shoulder; Elbow; Hip; Knee; Ankle; Wrist*
- Disc Excision: Transthoracic (Thoracotomy)
- Epiphysiodesis*
- Excision, Partial Hip Bone
- Fasciotomy: Hip; Thigh

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
MUSCULOSKELETAL (Cont’d)
These procedures are appropriate for the inpatient setting based on consultant feedback:
Harrington Rod, Placement / Removal*
Heel Cord Lengthening*
Hemipelvectomy
I&D: Femur; Knee (Open / Laparoscopic*); Pelvic / Hip bone
Implant:
  Lower extremity: Above the knee; Below the knee; Midtarsal; Transmetatarsal*;
  Metatarsal*; Metatarsophalangeal*
  Upper extremity: Arm*; Forearm; Transmetacarpal*; Metacarpal*;
  Metacarpophalangeal*; Hand*
Instrumentation:
  Posterior Non-Segmental (e.g., Single Harrington Rod Technique)
  Posterior Segmental
  Kyphectomy Muscle / Skin / Fascia Flap, Local*
  Mandible / Maxilla Resection Muscle Length Change
  ORIF; Knee
  Osteoplasty: Femur; Tibia / Fibula
  Reamputation of extremity:
    Lower extremity: Above the knee; Below the knee; Midtarsal; Transmetatarsal;
    Metatarsal; Metatarsophalangeal
    Upper extremity: Arm; Forearm; Transmetacarpal*; Metacarpal*;
    Metacarpophalangeal*; Hand*
  Reduction / Resection / Debridement: Sternum
  ORIF; Knee
  Replantation: Arm; Forearm; Hand, Digit; Thumb; Foot
  Resection / Removal, Radical: Hip; Femur; Knee; Tibia; Fibula; Rib; Scapula; Clavicle;
  Humerus; Elbow
  Revision of extremity:
    Lower extremity: Above the knee; Below the knee; Midtarsal; Transmetatarsal;
    Metatarsal; Metatarsophalangeal
    Upper extremity: Arm; Forearm; Transmetacarpal*; Metacarpal*;
    Metacarpophalangeal*; Hand*
  Spinal Allograft
  Tenotomy: Hip; (Open)
  Toe / Hand Transfer
  Total Joint Replacement: Elbow; Ankle; Wrist*
  Wiring / Local Fixation: Nasomaxillary Complex Fracture (LeFort II type) (Open)

NERVOUS SYSTEM
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
Artificial Disc, Lumbar
   Burr Holes / Twist Drill Holes
   Cranietomy / Cranietomy
   CSF Shunt: Revision*; Insertion
   Facial Nerve Repair*
   Hemilaminectomy, +/- Discetomy, Foraminotomy: Cervical; Lumbar
   Laminectomy and Disc Excision, Transpedicular
   Laminectomy, +/- Discetomy, +/- Foraminotomy: Cervical; Thoracic; Lumbar; Sacral
   Lumbar Disc, Herniated, Repair
   Meningocele / Myelomeningocele Repair
   Osteotomy, Spine
   Removal / Repair, AVM
   Stereotactic Introduction, Subcortical Electrodes
   Stereotactic Lesion Creation: Globus Pallidus; Subcortical; Thalamus

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
NERVOUS SYSTEM (Cont’d)
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
- Stereotactic Radiosurgery: Brain; Skull Base
- Spinal Fusion / Arthrodesis of Spine
- Sympathectomy (Endoscopic* / Open)
- Ventriculostomy
- Vertebral Corpectomy and Fusion, Cervical
- V-P Shunt / Ventriculocisternostomy (Torkildsen) Insertion / Revision

These procedures are appropriate for the inpatient setting based on consultant feedback:
- Cerebral Thrombolysis
- Cranioplasty
- CSF Shunt Removal / Replacement
- Laminotomy
- Rhizotomy*
- Thrombolysis / Embolisation, Cerebral
- V-P Shunt / Ventriculocisternostomy (Torkildsen) Repair / Replace / Remove

OBSTETRIC / GYNAECOLOGIC
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
- Cervical Cerclage (McDonald / Shirodkar), Emergent
- Caesarean Section: During Labour; Prior to Onset of Labour
- Colporrhaphy
- Cystectomy: Ovarian (Open)
- Hysterectomy
- Myomectomy (Open)
- Oophorectomy (Open)
- Pubovaginal Sling
- Salpingectomy (Open)
- Salpingo-Oophorectomy (Open)
- Salpingostomy (Open)
- Unification, Bicornuate Uterus
- Uterine Artery Embolisation (UAE)
- Vaginectomy
- Vulvectomy / Hemivulvectomy, Radical

These procedures are appropriate for the inpatient setting based on consultant feedback:
- Enterocoele Repair
- Enterocystoplasty
- Fimbrioplasty (Open)*
- Fistula Closure (e.g., Recto-Vaginal)*
- Hysteroplasty*
- Hysterorrhaphy*
- Hysterotomy*
- Pelvic Exenteration
- Repair Ruptured Uterus
- Termination of Pregnancy (Septic; Therapeutic*)
- Trachelectomy*
- Uterine Suspension*
- Vaginoplasty*
- Wedge Resection, Ovary (Open)*

SKIN / CONNECTIVE TISSUE
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
- Breast Reconstruction: Flap
- Burn: Escharotomy / Excision / Debridement / Grafting
- Free tissue transfer
- Incision and Drainage (I & D), Infection, Hand / Digit

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
GUIDELINES FOR SURGERY AND PROCEDURES
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SKIN / CONNECTIVE TISSUE (Cont’d)
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
- Lumpectomy
- Mammaplasty, Reduction, Female*
- Mastectomy
- Muscle / Skin / Fascia Flap, Local

These procedures are appropriate for the inpatient setting based on consultant feedback:
- Excision: Melanoma*
- Revision Chest Wall

THORACIC
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
- Aortic Dissection Repair
- Oesophageal Perforation Repair
- Oesophagectomy
- Oesophagomyotomy (Heller myotomy (Open) / scope / chest / abdominal)
- Lobectomy
- Lung Biopsy (Open)
- Lung Volume Reduction Surgery
- Mediastinotomy: Chamberlain Procedure (Open); (VAT)
- Myotomy: Cricopharyngeal; Epiphrenic
- Pleurectomy
- Pneumonectomy
- Rib Resection, Thoracic Outlet Syndrome
- Thoracic Aneurysm Repair
- Thoracoscopy, Video Assisted (VAT) (except for pleural lesion)
- Thoracostomy Tube Insertion
- Thoracotomy, Pleural Disease / Bullectomy / Exploratory
- Tracheostomy
- Wedge Resection, Lung (Open / VAT)

These procedures are appropriate for the inpatient setting based on consultant feedback:
- Bronchoplasty
- Carinal Resection
- Donor Pneumonectomy
- Excision, Oesophageal Lesion: Tracheal Stenosis / Tumour
- Mediastinal Mass Resection
- Pneumonolysis
- Pneumonotomy
- Pulmonary Decortication
- Repair Lacerated Diaphragm
- Resection, Radical: Rib
- Revision / Resection, Diaphragm
- Suture, Tracheal Wound
- Thoracic Duct Repair
- Thoracooplasty
- Tracheoplasty
- Transplant: Lung; Heart-Lung

* Due to variations in practice, this procedure may be performed in the Outpatient setting.
GUIDELINES FOR SURGERY AND PROCEDURES
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VASCULAR
These procedures are appropriate for the inpatient setting based on InterQual Procedures Criteria:
- Aneurysm / Dissection, Repair / Resection +/- Graft
- Aorto-Celiac Repair, +/- Graft / +/- Bypass
- Aorto-Mesenteric Repair, +/- Graft / +/- Bypass
- Bypass Insertion / Revision / Repair / +/- Graft: Proximal (e.g., Aorto-Femoral); Distal (e.g., Femoro-Popliteal)
- Digital Artery Repair, Hand, Microsurgical
- Embolectomy / Thrombectomy:
  - Celiac Artery
  - Superior Mesenteric Artery
  - Endarterectomy, Carotid +/- Patch Graft
  - Endovascular Intervention, Peripheral Artery* (Angioplasty)
  - Endovascular Repair, Aortic Aneurysm
  - Peripheral Aneurysm / Pseudoaneurysm Repair, +/- Graft
- Subfascial Ligation, Perforating Veins*

These procedures are appropriate for the inpatient setting based on consultant feedback:
- Atherectomy (Open)
- Arterial Graft+ Re-exploration / Revision / Re-operation
- Arterial Transposition
- Arterial Ligation
- Cavernous Haemangioma Revision
- Embolectomy / Thrombectomy:
  - Peripheral Artery
  - Pulmonary Artery
  - Endoaneurysmorrhaphy, Peripheral
- Excision / Removal, Infected Graft
- Ligation, Major Artery: Chest, Abdominal
- Repair, A-V Aneurysm; Blood Vessel (Intra-abdominal / Intrathoracic only)
- Thromboendarterectomy
- Thrombolysis: Vascular Access Device
- Transection Repair, Pulmonary Artery
- Venous Valve Reconstruction

* Due to variations in practice, this procedure may be performed in the Outpatient setting.