

Mapping Global Surgery

Appendix: Inclusion criteria & list of excluded procedures

The hospital-level component data for the global surgery case mix collection **MUST** be mapped to a pre-selected body region. **ALL** eligible surgical activity relating to the selected body region should be captured, even if it is split between different surgical units in the hospital.

Surgery is defined as an operation performed by a surgeon in an operating theatre, with the exception of minor procedures listed as excluded below. Both day case surgeries and inpatient surgeries and procedures performed with and without general anaesthetic should be included.

Interventional radiology procedures are excluded. Endoscopic procedures that are usually performed outside of an operating theatre (e.g. in an endoscopy suite) or by a non-surgeon are excluded.

Endoscopic procedures (diagnostic or therapeutic) that are usually performed in an operating theatre by a surgeon are included.

The table below maps common procedures to the body regions. **Minor procedures that are excluded are tabulated in the 'excluded procedures' column below.** The list of included procedures below is **NOT** exhaustive (indicative only); procedures should be included unless they are explicitly excluded.

Transplant procedures are captured under the relevant body region.

Example (not exhaustive list) included procedures	Excluded procedures
Head and neck	
<p>Brain procedures:</p> <ul style="list-style-type: none"> >Brain biopsy >Brain excision >Ventriculoperitoneal Shunt insertion >Craniectomy/Craniotomy >Drainage of spaces in the skull <p>Ophthalmology</p> <ul style="list-style-type: none"> >Procedures on the iris, retina, vitreous body, cornea, eyelid >Cataract surgery >Glaucoma surgery >Pterygium surgery >Strabismus surgery <p>ENT and maxillofacial</p> <ul style="list-style-type: none"> >Procedures on the cochlear, external auditory meatus, cochlear, inner ear, middle ear, external ear and eardrum. >Excision of larynx >Orthognathic (jaw) surgery >Reduction/fixation of the mandible >Excision of bone of face >Drainage of extra/intra-oral abscesses >Orfacial cleft surgery >Radical and selective neck dissection >Nasendoscopy <u>with</u> intervention >Nasal fracture reduction >Endoscopic sinus surgery >Surgical arrest of bleeding from the internal nose >Excision of pharynx >Excision of submental, submandibular and parotid gland. >Partial/total glossectomy >Tongue tie division (lingual frenectomy) >Tonsillectomy >Excision of adenoids >Surgical tracheostomy 	<ul style="list-style-type: none"> >Removal of foreign body from cornea >Implantation of tooth >Insertion of dental prosthesis >Orthodontic operations >Restoration of tooth >Extraction of tooth >Nasendoscopy (diagnostic or therapeutic) >Laryngoscopy (diagnostic or therapeutic) >Packing of cavity of the nose >Percutaneous tracheostomy

Cardio-vascular-thoracic:	
<p>Heart</p> <ul style="list-style-type: none"> >Valvular surgery >Atrial/ventricular septal defect repair >Coronary artery bypass graft >Heart transplant <p>Lung</p> <ul style="list-style-type: none"> >Resection of lung or chest wall >Resection of mediastinal mass >Lung transplantation <p>Aorta, arteries and veins</p> <ul style="list-style-type: none"> >Aortic root/aorta surgery >Carotid enterectomy >Repair of arterial aneurysm >Varicose vein ligation and stripping >Formation of arterio-venous fistula >Embolectomy/thrombectomy >Arterial bypass 	<p>Heart</p> <ul style="list-style-type: none"> >Transluminal balloon angioplasty of coronary artery >Insertion of cardiac pacemaker >Percutaneous coronary intervention (PCI) <p>Lung</p> <ul style="list-style-type: none"> >Bronchoscopy (diagnostic or therapeutic) >Chest drain <p>Aorta, arteries and veins</p> <ul style="list-style-type: none"> >Transluminal (endovascular) procedures on arteries (diagnostic or therapeutic), including with open cut down to the artery >Transluminal (endovascular) procedures on veins (diagnostic or therapeutic), such as endovenous laser treatment (EVLV) >Injection into varicose vein of leg >Insertion or removal of central venous catheter/line (CVC) >Insertion or removal of Hickmann line >Insertion or removal of dialysis catheter
General surgery	
<p>Oesophagus and stomach</p> <ul style="list-style-type: none"> >Nissen's fundoplication, Heller myotomy >Oesophagectomy, oesophagogastrectomy >Gastrectomy >Primary / revision of anti-reflex operation >Perforated peptic ulcer repair <p>Hepatobiliary system</p> <ul style="list-style-type: none"> >Cholecystectomy >Liver resection >Liver transplantation >Distal pancreatectomy >Pancreaticoduodenectomy >Splenectomy <p>Colon, rectum and small bowel</p> <ul style="list-style-type: none"> >Small bowel resection or bypass >Colorectal resection (excision, colectomy) >Stoma formation, refashioning, re-siting and reversal >Repair of perforated duodenal ulcer >Perianal/pilonidal abscess incision and drainage <p>Female reproductive system</p> <ul style="list-style-type: none"> >Excision of the uterus (hysterectomy) >Uterus repair >Excision of vagina >Repair of vaginal prolapse >Ovarian detorsion >Oophorectomy +/- salpingectomy >Ovarian Cystectomy >Female sterilisation >Ablation/excision of endometrium: >Vulval procedures >Dilatation and curettage >Hysteroscopy + intervention/biopsy <p>Urinary and male reproductive systems</p> <ul style="list-style-type: none"> >Nephrectomy >Percutaneous nephrolithotomy >Transplantation of kidney >Cystectomy >Transurethral resection of bladder (TURBT) >Transurethral resection of prostate (TURP) >Female incontinence surgery >Circumcision >Male sterilisation >Hydrocele/varicocele surgery >Testicular exploration 	<p>Oesophagus and stomach</p> <ul style="list-style-type: none"> >Oesophago-gastro-duodenoscopy [OGD] (diagnostic or therapeutic) <p>Hepatobiliary system</p> <ul style="list-style-type: none"> >Endoscopic retrograde cholangiopancreatography [ERCP] (diagnostic or therapeutic) >Liver biopsy <p>Colon, rectum and small bowel</p> <ul style="list-style-type: none"> >Colonoscopy (diagnostic or therapeutic) >Flexible sigmoidoscopy (diagnostic or therapeutic) >Proctoscopy (diagnostic or therapeutic) <p>Female reproductive system</p> <ul style="list-style-type: none"> >Cervical biopsy >Colposcopy (diagnostic or therapeutic) <p>Urinary and male reproductive systems</p> <ul style="list-style-type: none"> >Bladder biopsy >Extracorporeal shock wave lithotripsy (ESWL) >Flexible cystoscopy (diagnostic) >Percutaneous nephrostomy

<ul style="list-style-type: none"> >Insertion of ureteric stent >Rigid cystoscopy under general anaesthesia 	
<ul style="list-style-type: none"> Endocrine >Adrenalectomy >Parathyroidectomy >Pituitary gland excision >Thyroidectomy Breast >Mastectomy >Lumpectomy >Mammoplasty >Procedures on axillary nodes Hernia >Femoral, inguinal, incisional, umbilical hernia repair >Ventral, Spigelian, epigastric hernia repair Other >Excision of retroperitoneal sarcoma >Multivisceral resection Emergency surgery >Trauma laparotomy >Abdominal exploration and washout >Appendicectomy (open or laparoscopy) >Adhesiolysis (open or laparoscopic) >Diagnostic laparoscopy +/- washout >Diagnostic laparotomy +/- washout 	<ul style="list-style-type: none"> >Ascitic drain (drainage of the peritoneal cavity) >Breast biopsy >Endoscopic ultrasound >Laparoscopic ultrasound >Vacuum dressing
Musculoskeletal and skin: Includes and spinal surgery	
<ul style="list-style-type: none"> Bones, joints, muscles and tendons >Amputation of foot, leg, toe >Ligament repair >Arthroscopy of joint >Limb fracture surgery >Debridement and irrigation joint >Fasciotomy >Joint replacement >Muscle/tendon repair >Carpal tunnel release >Nailbed surgery Spinal >Cranial nerve, peripheral nerve, sympathetic nerve operation >Vertebral procedures >Decompression/excision of intervertebral disc >Laminectomy Burns surgery and flaps >Excision of benign and malignant skin lesion >Excision of sebaceous cyst >Repair of skin laceration >Abdominoplasty >Burns debridement, excision, dressing and reconstruction. >Flap (local and free) or skin graft 	<ul style="list-style-type: none"> Bones, joints, muscles and tendons >Bone biopsy >Injection into the joint >Muscle biopsy Spinal >Lumbar (spinal) puncture >Therapeutic epidural injection Burns surgery and flaps >Skin biopsy (including shave biopsy of skin)
Obstetrics	
<ul style="list-style-type: none"> >Caesarean section >Evacuation of contents of uterus/ manual removal of placenta >Repair of obstetric laceration (3/4th degree) 	<ul style="list-style-type: none"> >Any vaginal delivery (normal delivery, breech delivery, forceps delivery, vacuum delivery) >Surgical termination of pregnancy