

## Appendix 1: SNAP 3 Examples of Included and Excluded Procedures

This list contains examples of included and excluded procedures for SNAP 3. We hope that it will be useful when making decisions regarding whether a participant should be approached for the study. It is not designed to be comprehensive, most surgical procedures are included. We have tried to not include the very minor procedures but it is challenging to know where to draw the line. We hope this guidance is useful.

### Ophthalmology

Include	Exclude
Corneal grafts	Any procedure under topical anaesthesia
Scleral buckle	LASER (cornea, medical retina)
Eyelid reconstruction	Adnexal (eyelid surgery inc. ptosis, blepharoplasty)
Keratoplasty	Removal of oil from vitreous body
Excision of scalp/skin lesions <b>if require a split skin graft (SSG) or flap</b>	Excision of scalp/skin lesions <b>not requiring a SSG or flap</b>
Vitreoretinal surgery	Superficial eye lid surgery
Strabismus surgery	Vitreotomy using pars plana approach
Enucleation/eviscerations/orbital decompression	Correction of entropion of lower eyelid
Radioactive plaque insertion & removal	Dacryocystorhinostomy
Tantalum markers	Cataract surgery
Glaucoma surgery	Removal of sutures
Anterior orbitotomy	Needling
Trabeculectomy	Preserflo microshunt & mitomycin-C
Retinal surgery anaesthesia	Cataract surgery (regardless of anaesthesia mode)

### General Surgery

Include	Exclude
Inguinal hernia repair under local anaesthesia +/- sedation	Lymph node biopsy
VAC dressing change	Simple dressing change
Perianal excision of rectal polyp	Diagnostic and therapeutic endoscopy regardless of anaesthesia mode
EUA rectum	
Manual evacuation	
Axillary clearance	
Oesophageal dilation/stenting	

**ENT**

<b>Include</b>	<b>Exclude</b>
Excision of larger lesions e.g basal cell carcinoma (BCC)/squamous cell carcinoma (SCC) <b>e.g. requiring more than primary closure, SSG/flap.</b> NB. Mode of anaesthetic here does not influence decision	Excision of smaller BCC/SCC <b>e.g. no SSG/flap required.</b> NB. Mode of anaesthetic here does not influence decision
Microlaryngoscopy	Biopsy of tongue
Minimally invasive parathyroidectomy	Frenuloplasty
Manipulation or examination under anaesthetic nose	Removal salivary tube
Cervical lymph node biopsy if GA	Tracheostomy insertion/change
Panendoscopy	Grommets
	Anaesthesia for diagnostic procedures
	Tracheo-oesophageal puncture
	Thyroplasties
	Tracheostomy insertion/change

**Thoracics**

<b>Include</b>	<b>Exclude</b>
Diagnostic bronchoscopy if with other procedure	Endobronchial ultrasound (EBUS)
Tracheal stenting	Diagnostic bronchoscopy alone
Rigid bronchoscopy	Diagnostic and therapeutic bronchoscopy/pleuroscopy
Mediastinoscopy	Chest drain as sole procedure
Video assisted thoracoscopic surgery (VATS)	
Endoscopic procedures performed ancillary to surgical procedure o Bronchoscopy prior to lung resection	

**Cardiac**

<b>Include</b>	<b>Exclude</b>
Transcatheter aortic valve implantation (TAVI)	Ablations
Other minimally invasive valve replacement procedures carried out under general anaesthesia	PPM lead extractions
	Angiography, percutaneous coronary intervention (PCI)

	Insertion of permanent pacemaker (PPM) / implantable cardioverter defibrillator (ICD)
	Cardioversion
	Electrophysiology (diagnostic or therapeutic)
	Insertion of intra-aortic balloon pump (IABP)

### Hands

Include	Exclude
	Carpal tunnel decompression under local anaesthetic
	Dupuytren's palmar fasciectomy
	Trigger finger release
	Excision of hand lesion if small

### Trauma & Orthopaedics Emergency Department

Include	Exclude
Ulnar nerve transposition	Aspiration of knee under local anaesthetic
Removal of metal work	Cheilectomy
Excision of olecranon bursa	Trigger point injections
Vertebroplasty	Therapeutic epidural injection
Trapeziectomy	Intra-articular joint injections
Knee replacement	Dupuytren's fasciectomy
Osteotomy of any bone	MUA joint
Replacement of hip joint	MUA fracture in ED
Replacement of shoulder joint	General anaesthesia/sedation for scanning/ICU management only
Small joint fusion	Post-arrest management
Insertion K wire	Erector spinae catheters
MUA fracture in theatre	Joint injections
Surgery for trauma	Joint aspiration
MUA fractures/dislocations in theatre	
Joint washout	

### Urology

Include	Exclude
Rigid cystoscopy	Flexible cystoscopy
Urethral dilatation	Circumcision under local anaesthetic
Transurethral resection of bladder tumour	Standard circumcision under general anaesthetic
Transurethral resection of prostate	Transperineal prostate biopsy

Hydrocele under general anaesthetic	Flexible ureteroscopy
Laser fragmentation of stone	Cystoscopy under local anaesthesia
Nephrostomy	Prostate brachytherapy
TURP/TURBT	
Rigid diagnostic/surveillance cystoscopy	
Stent change	

### Vascular

Include	Exclude
Fistula ligation and banding	Varicose veins under local anaesthetic
Fistula creation	
Endovascular aneurysm repair (EVAR)	

### Interventional Radiology

Include	Exclude
EVAR	CT guided biopsies
Angioplasty	IV access/line insertion
CT guided drain	Endoscopic retrograde cholangiopancreatography (ERCP)

### Dental

Include	Exclude
Extractions	

### Gynaecology

Include	Exclude
<b>Therapeutic</b> hysteroscopy	<b>Diagnostic</b> hysteroscopy +/- biopsy
Laparoscopic hysterectomy	Hysteroscopy and smear
Cervical polypectomy	

### Neurosurgery

Include	Exclude
Sympathetic nerve stimulator insertion or removal	SNS battery or lead change
Spinal cord stimulator insertion	SNS reprogramming
	SCS trial if purely percutaneous