

Appendix Five

Volume of practice and workplace-based assessment requirements for the specialised study units

This appendix contains tables setting out both the volume of practice (VOP) and workplace-based assessment (WBA) requirements for each of the specialised study units.

For the assessment requirements that do not have a specified topic, trainees should refer to the learning outcomes within that specialised study unit that are indicated for assessment using that particular tool, to get an indication of the areas of focus that they might use for assessment.

Cardiac surgery and interventional cardiology

Workplace-based assessment			
<p>There are no mandatory assessments required to finish this specialised study unit. Trainees may select a case relevant to this specialised study unit to complete one of the six required specialised study unit case-based discussions during both basic and advanced training, or they may choose to complete one or more alternate workplace-based assessments from this specialised study unit as one of the 'non-specified' workplace-based assessments identified in their core study unit requirements.</p>			
Assessment name	Area of focus	Assessment	No.
SSU optional Cbd	Trainees may select a case encountered in their clinical practice which is applicable to this specialised study unit *	M-CbD OS	-
Volume of practice			
Case/procedure	Inclusions/exclusions	VOP	
Cardiac surgery and interventional cardiology procedures	Minimum 11 involving use of cardiopulmonary bypass May include: Acute coronary stenting EP ablation procedures	20	
Simple cardiological procedures	May include: Cardioversion Pacemaker check TOE	10	
Total minimum VOP		30	

General surgical, urological, gynaecological and endoscopic procedures

Workplace-based assessment			
Assessment name	Area of focus	Assessment	No.
General, urological, gynaecological, endoscopic anaesthesia	Provide anaesthesia or sedation for a patient having a general, urological, gynaecological or endoscopic procedure	M-CEX GG1	4
SSU CbD	Trainees may select two cases encountered in their clinical practice which are applicable to this specialised study unit *	CbD	-
Volume of practice			
Case/procedure	Inclusions or exclusions	VOP	
Emergency laparotomy	May include: <ul style="list-style-type: none"> • Bleeding, not including trauma-related • Trauma • Bowel obstruction • Organ perforation 	25	
Elective major upper abdominal surgery	May include: <ul style="list-style-type: none"> • Adrenalectomy • Bariatric surgery • Biliary surgery • Gastrectomy • Liver resection • Nephrectomy • Oesophageal surgery • Pancreatectomy/Whipples' procedure • Splenectomy 	10	
Laparoscopic upper abdominal surgery	May include: <ul style="list-style-type: none"> • Adrenalectomy • Bariatric surgery • Biliary surgery • Gastrectomy 	0	
Elective major lower abdominal and pelvic surgery	May include: <ul style="list-style-type: none"> • Abdominal hysterectomy • Colorectal surgery • Cystectomy • Open prostatectomy 	15	

Case/procedure	Inclusions or exclusions	VOP
Minor laparoscopic surgery	May include: <ul style="list-style-type: none"> • Laparoscopic cholecystectomy • Laparoscopic appendicectomy • Laparoscopic ovarian cystectomy • Diagnostic laparoscopy 	0
Abdominal wall and perineal surgery	May include: <ul style="list-style-type: none"> • Haemorrhoidectomy • Hernia repair • Incision and drainage of perineal abscess • Orchidopexy • Minor per vaginal surgery 	0
Endoscopic urological surgery	Must include: <ul style="list-style-type: none"> • Minimum five TURPs May include: <ul style="list-style-type: none"> • TURBT • Ureteroscopy • PCNL 	20
Major per-vaginal surgery	May include: <ul style="list-style-type: none"> • Vaginal hysterectomy 	5
Breast surgery	n/a	5
Upper GI endoscopy	Must include: <ul style="list-style-type: none"> • Minimum one emergent gastroscopy for bleeding • Minimum one ERCP 	2
Colonoscopy and per-rectal procedures	n/a	0
Total minimum VOP		82

Head and neck, ear, nose and throat, dental surgery and electro-convulsive therapy

Workplace-based assessment			
Assessment name	Focus of assessment	Assessment	No.
Ear, nose and throat Anaesthesia Airway Surgery	Provide anaesthesia for a patient having airway surgery	M-CEX HN1	1
Head and neck anaesthesia	Pre-operative assessment (may be part of the preoperative assessment mini-CEX for perioperative medicine) Trainees may choose to combine this with the pre-operative assessment mini-CEX for the <i>Perioperative medicine</i> clinical fundamental for their current level of training, either basic or advanced, if the patient has a multisystem disease or multiple co morbidities respectively. Trainees may conduct a pre-operative assessment for one patient, however this must be logged as two separate WBAs with specific feedback for each area of focus provided	M-CEX HN2	1
SSU Cbd	Trainees may select a case encountered in their clinical practice which is applicable to this SSU *	Cbd	-
Volume of practice			
Case/procedure	Inclusions or exclusions	VOP	
Airway surgery	Tonsillectomy and/or adenoidectomy	10	
	May include: <ul style="list-style-type: none"> • Laser airway surgery • Microlaryngoscopy • Removal of foreign bodies from upper or lower airways • Tracheostomy 	10	
Head and neck surgery	Minimum ONE of each of the following types of surgery: <ul style="list-style-type: none"> • Nasal surgery • Thyroidectomy/parathyroidectomy • Myringoplasty/middle ear surgery • Neck dissection 	20	
Dental surgery	n/a	10	
ORIF mandible	n/a	1	
Electro-convulsive therapy	n/a	10	
Total minimum VOP			61

Intensive care

Workplace-based assessment			
Assessment name	Area of focus	Assessment	No.
ICU feedback	General performance in intensive care	M- MsF IC1	1
Volume of practice			
A minimum of 13 weeks clinical experience, which may include up to two weeks of normal leave, is required for this specialised study unit.			

Neurosurgery and neuroradiology

Workplace-based assessment			
Assessment name	Area of focus	Assessment	No.
Neuroanaesthesia - head	Anaesthesia for neurosurgery involving the head	M-CEX NS1	2
Neuroanaesthesia - any	Anaesthesia for neurosurgery, may include spinal surgery	M-CEX NS2	1
SSU Cbd	Trainees may select a case encountered in their clinical practice which is applicable to this specialised study unit *	Cbd	-
Volume of practice			
Case/procedure	Inclusions or exclusions	VOP	
Neurosurgical and neuroradiological procedures	Must include: <ul style="list-style-type: none"> • Minimum 15 craniotomy May include: <ul style="list-style-type: none"> • Burr hole procedures • Interventional neuroradiological procedures for intracranial vascular pathology • Shunt procedures Excludes: <ul style="list-style-type: none"> • Surgery for spinal pathology 	25	
Spinal surgery	n/a	10	
Shunt procedures	n/a	0	
Total minimum VOP			35

Obstetric anaesthesia and analgesia

Workplace-based assessment			
Assessment name	Area of focus	Assessment type	No.
Obstetric anaesthesia for LSCS	Provide anaesthesia for LSCS	M-CEX OB1	1
Obstetric anaesthesia	Provide anaesthesia to an obstetric patient for either an obstetric or non obstetric procedure	M-CEX OB2	1
Obstetric labour epidural	Epidural for labour	M-DOPS OB1	1
Obstetric LSCS spinal/epidural/CSE	Spinal/epidural for LSCS	M-DOPS OB2	1
Obstetric resuscitation of the newborn	Resuscitation of the newborn <i>or equivalent education session – for more information and standard refer to training handbook</i>	MS-DOPS OB3	1
Obstetric general anaesthesia LSCS	General anaesthesia LSCS	M-CbD OB1	1
SSU CbD	Trainees may select a case of an obstetric emergency or complication encountered in their clinical practice which is applicable to this specialised study unit *	CbD O	-
Volume of practice			
Case/procedure	Inclusions or exclusions	VOP	
Caesarean section	Must include: Minimum five cases under general anaesthesia Minimum five cases requiring epidural top-up	50	
Epidural for labour analgesia	May be counted toward the target for lumbar epidurals for the regional and local anaesthesia clinical fundamental	50	
Management of postpartum complications	n/a	5	
Care of the newborn following delivery	Includes routine care of a baby following vaginal or caesarean section delivery.	5	
Total minimum VOP			110

Ophthalmic procedures

Workplace-based assessment		
There are no mandatory assessments required to finish this specialised study unit but a trainee may choose to complete one or more workplace-based assessments from this specialised study unit as one of the non-specified workplace-based assessments identified in their core study unit requirements.		
Volume of practice		
Case/procedure	Inclusions or exclusions	VOP
Ophthalmic surgery	Must include 10 under regional eye block Can include eye block performed by surgeon	20
Total minimum VOP		20

Orthopaedic surgery

Workplace-based assessment			
Assessment name	Area of focus	Assessment	No.
Orthopaedic anaesthesia	Provide anaesthesia for an orthopaedic case	M- CEX OR1	2
SSU Cbd	Trainees may select a case encountered in their clinical practice which is applicable to this specialised study unit *	Cbd	-
Volume of practice			
Case/procedure	Inclusions or exclusions	VOP	
Hip fracture	n/a	25	
Internal fixation long bones	n/a	10	
Hip arthroplasty, elective	Must include minimum one hip revision	10	
Knee arthroplasty	n/a	10	
Shoulder surgery	May include shoulder arthroscopy	3	
Arthroscopy	May include shoulder surgery	5	
Total minimum VOP			63

*Trainees should refer to the learning outcomes within this specialised study unit identified as being assessable by case-based discussion to get some indication of the areas of focus that they might use to select a case for discussion.

Paediatric anaesthesia

Workplace-based assessment			
Assessment name	Area of focus	Assessment	No.
Paediatric pre-assessment	Pre-assessment of paediatric patients	M-CEX PA1	1
Paediatric anaesthesia and IV	Anaesthetising paediatric patients, including induction (gas or IV) and securing venous access	M-CEX PA2	2
Paediatric inguinal surgery Block	Block for inguinal or penile surgery	M-DOPS PA1	1
Paediatric < 2 BMVent	Face mask ventilation <2 years	M-DOPS PA2	1
Paediatric ALS sim	Advanced life support <i>or equivalent education session – for more information and standard refer to training handbook</i>	MS-DOPS PA3	1
SSU Cbd	Trainees may select a case encountered in their clinical practice which is applicable to this SSU *	Cbd	-
Volume of practice			
Case/procedure and inclusions or exclusions			VOP
Age =/> 6 years and <16 years			105
Age =/>2 and <6 years			20
Age =/>6 months and <2 years			20
Age <6 months			5
<p>These cases should include a minimum of:</p> <ul style="list-style-type: none"> • 20 minor emergencies cases • 20 minor elective procedures not including shared airway cases • 10 medical imaging procedures (for example, CT or MRI) • 20 shared airway procedures which may include: <ul style="list-style-type: none"> • Tonsillectomy, • Dental extraction, • Removal of inhaled foreign body 			
Total minimum VOP for any age <16 years			150

Plastic, reconstructive and burns surgery

There are no workplace-based assessment requirements or volume of practice requirements for this specialised study unit. Credit for this unit will be given at the successful completion of the advanced training period.

Thoracic surgery

Workplace-based assessment			
Assessment name	Area of focus	Assessment	No.
Thoracic anaesthesia	Provide anaesthesia for a patient having thoracic surgery	M-CEX TS1	1
Thoracic DLT	Securing the airway with a double lumen tube, checking positioning and testing for lung isolation	M-DOPS TS1	1
SSU CbD	Trainees may select a case encountered in their clinical practice which is applicable to this specialised study unit *	CbD	-
Volume of practice			
Case/procedure	Inclusions or exclusions	VOP	
Thoracotomy and/or thoracoscopy	Excludes: <ul style="list-style-type: none"> • Cardiac surgery • Sternotomy cases 	10	
Bronchoscopy	Must involve care of patients undergoing this procedure, with proceduralists from any specialty	5	
Total minimum VOP			15

*Trainees should refer to the learning outcomes within this specialised study unit identified as being assessable by case-based discussion to get some indication of the areas of focus that they might use to select a case for discussion.

Vascular surgery and interventional radiology

Workplace-based assessment			
Assessment name	Area of focus	Assessment	No.
Vascular anaesthesia Revascularisation	Provide anaesthesia for a patient undergoing a revascularisation procedure	M-CEX VS1	1
Vascular anaesthesia	Provide anaesthesia for a vascular case	M-CEX VS2	1
SSU CbD	Trainees may select a case encountered in their clinical practice which is applicable to this specialised study unit *	CbD	-
Volume of practice			
Case/procedure	Inclusions or exclusions	VOP	
Carotid endarterectomy	n/a	2	
Open surgery for peripheral arterial occlusive disease	n/a	5	
Major limb amputation	n/a	2	
AV fistula formation	n/a	3	
Abdominal aortic surgery	May include: Open, endoluminal, elective or acute	3	
Interventional radiological procedures	Excludes: Interventional neuroradiological procedures Interventional cardiological procedures	10	
Total minimum VOP			25