

Joint Committee on Intercollegiate Examinations

Intercollegiate Specialty Examination in Oral & Maxillofacial Surgery

Syllabus Blueprint 2016

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Principles for Blueprinting Assessment to the Curriculum in Surgical Specialties

1. Standard educational practice requires a curriculum to include an indication of how each aspect of the syllabus is to be assessed. This “blueprinting” process also shows how each aspect relates to Good Medical Practice.
2. Each specialty syllabus has been mapped to a range of assessments:
 - a. CEX
 - b. CBD
 - c. DOPS
 - d. PBA
 - e. MSF
 - f. Section 1 of the specialty FRCS (written section)
 - g. Section 2 of the specialty FRCS (clinical and oral section)
3. This does not imply that the indicated assessments must be used.
4. The indications are not exclusive, and it is possible that other types of assessment which have not been indicated may also be used to assess individual items.
5. In general:
 - a. Knowledge will be assessed by Section 1 and Section 2 FRCS and by CBD.
 - b. Clinical skills will be assessed by CEX and Section 2 FRCS
 - c. The use of scenarios within Section 2 FRCS allows a wide range of clinical skills to be assessed.
 - d. Technical skills will be assessed by DOPS and PBA
 - e. Professional skills will be assessed by MSF
6. The blueprinting indicates which assessments may be used for each item at any stage through training.
7. The Good Medical Practice domains are:
 1. Knowledge, skills and performance
 2. Safety and quality
 3. Communication, partnership and teamwork
 4. Maintaining trust

Intra-capsular TMJ and condylar head pathology	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct supervision of scrubbed trainer.								
KNOWLEDGE								
Applied anatomy of temporomandibular joint		X				X	X	1
Causes of TMJ/capsular/meniscal pathology		X				X	X	1
Procedures available		X				X	X	1
Indications for open surgery		X		X		X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
Identification of relevant instruments and support staff				X				1,3
TECHNICAL SKILLS AND PROCEDURES								
Approaches to the TMJ and mandibular condyle				X				1

Nasal Fractures	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess an injured patient presenting either acutely or in the out-patient clinic								
To be able to formulate a differential diagnosis and an investigation and management plan								
To be able to treat the patient appropriately up to and including operative intervention if appropriate								
To be able to communicate the above information at the required level to patients/carers/other team members								
KNOWLEDGE								
Aetiology of facial trauma		X				X	X	1
Priorities of management		X				X	X	1,2
Assessment of airway and level of consciousness (Glasgow coma scale)		X				X	X	1,2
Signs and symptoms of fractures of facial skeleton		X				X	X	1
Eyes/ears assessment		X				X	X	1
Investigations and radiographic interpretation		X				X	X	1
Anatomy of mouth, jaws, teeth and supporting structures and relevance dental occlusion where appropriate		X				X	X	1
Anatomy of trigeminal nerve and infiltration / nerve block anaesthesia		X				X	X	1
Classification of dental trauma and dento-alveolar fractures		X				X	X	1
Assessment of head injury and cranial nerve function		X				X	X	1,2
Aetiology		X				X	X	1
Interpretation of radiographs		X				X	X	1
Potential complications		X				X	X	1,2
Pharmacology and therapeutics of post-operative analgesia		X				X	X	1,2
Anatomy of facial skeleton		X				X	X	1
Physiology of nasal cavity		X				X	X	1
Anatomy of scalp, facial skeleton, orbit and contents		X				X	X	1
Anatomy of eyelids		X				X	X	1
Classification of facial fractures		X				X	X	1
Physiology of sight and oculomotor function		X				X	X	1
Available techniques		X				X	X	1
Anatomy of facial skeleton, teeth and supporting structures		X				X	X	1
Dental occlusion		X				X	X	1
CLINICAL SKILLS								
General assessment of the traumatised patient	X					X	X	1
Assessment and examination of patient with facial trauma	X					X	X	1,3
Airway management and emergency treatment of facial trauma	X					X	X	1,2
Ability to formulate a treatment plan and prioritise management	X	X				X	X	1,3,4
Pain control /prevention of infection	X					X	X	1,2
infiltration / nerve block anaesthesia	X					X	X	1
TECHNICAL SKILLS AND PROCEDURES								
Clinical examination of facial skeleton and cranial nerves			X			X	X	1,3
Carry out of steps of procedure safely and correctly			X			X	X	1
Manipulation of nasal bones and septum			X			X	X	1
Management of epistaxis			X			X	X	1,3
Nasal packing and external splintage			X			X	X	1

Lacrimal/Parotid duct injury	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to identify a patient who has sustained these injuries.								1
To be alert for the potential for these injuries to occur.								1
To be able to carry out these procedures safely and competently.								1
KNOWLEDGE								
Anatomy and physiology of parotid / lacrimal glands		X				X	X	1
Appropriate investigations		X				X	X	1
Principles of stenting of duct		X				X	X	1
CLINICAL SKILLS								
Examination of cranial nerves / recognition of case at risk	X					X	X	1
Examination of eyelids and lacrimal apparatus	X					X	X	1
Identify relevant instruments				X		X	X	1
Identification of key structures				X		X	X	1
TECHNICAL SKILLS AND PROCEDURES								
Use of loupes / operating microscope				X				1
Surgical repair under magnification				X				1
Ability to stent duct				X				1

Fracture of mandibular condyle	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to identify a patient who has sustained this injury.								1
To be alert for the potential for this injury to occur.								1
To understand the principles of surgical management of this injury.								1
To be able to carry out these procedures safely and competently								1,2,3
KNOWLEDGE								
Anatomy of facial skeleton, TM joint, parotid gland, facial nerve		X				X	X	1
Classification of condylar fractures		X				X	X	1
Assessment of head injury and cranial nerve function		X				X	X	1
Dental occlusion		X				X	X	1
Selection and interpretation of relevant imaging		X				X	X	1,3
Understanding the benefits and indications of both open and closed treatments		X				X	X	1
Potential complications long and short term		X				X	X	1
CLINICAL SKILLS								
Ability to correctly interpret physical signs and relevant imaging	X	X				X	X	1
Clinical examination of teeth, oral cavity, facial skeleton and cranial nerves	X						X	1
Demonstrates clinical judgment appropriate to injury and patient needs	X	X				X	X	1,3
TECHNICAL SKILLS AND PROCEDURES								
Closed reduction:				X				1
Carry out steps of procedure safely and correctly				X				1,3
Techniques for removal of damaged teeth / retained roots				X			X	1
Techniques of intermaxillary fixation				X			X	1
Open Reduction:				X				1
Carry out of steps of procedure safely and correctly				X				1,2
Techniques for removal of damaged teeth / retained roots				X			X	1
Techniques for exposure of fracture site and manipulation of condylar fragment				X			X	1
Plate handling skills				X				1
Techniques of intermaxillary fixation				X			X	1

Fracture of maxilla	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to identify a patient who has sustained this injury.								1
To be alert for the potential for this injury to occur.								1
To understand the principles of surgical management of this injury.								1
To be able to carry out these procedures safely and competently								1,3
KNOWLEDGE								
Anatomy of facial skeleton		X				X	X	1
Classification of mid -facial fractures		X				X	X	1
Bone healing		X				X	X	1
Head injury and cranial nerve function		X				X	X	1
Dental occlusion		X				X	X	1
Available techniques e.g. open fixation, closed fixation techniques		X				X	X	1
Potential complications		X				X	X	1,3
Awareness of possibility of other associated fractures		X				X	X	1
Understanding the role of the maxillofacial technician		X			X	X	X	1,4
CLINICAL SKILLS								
Systematic clinical examination of teeth, oral cavity, facial skeleton and cranial nerves	X						X	1
Interpretation of radiographs/scans	X	X				X	X	1
Assessment of head injury and cranial nerve function	X					X	X	1
Selection of treatment plan appropriate to the patients injury	X	X				X	X	1,3
An awareness of other factors affecting timing of surgery	X	X				X	X	1,3
Involving the maxillofacial technician in treatment planning	X				X			1,3
TECHNICAL SKILLS AND PROCEDURES								
Carry out of steps of procedure safely and correctly				X				1,2
Techniques for removal of damaged teeth / retained roots			X				X	1
Techniques for exposure of fracture sites and reduction of fragments				X			X	1
Plate handling skills				X				1
Techniques of intermaxillary fixation				X			X	1
Techniques of cranio-maxillary fixation				X			X	1

Fracture of orbital floor	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to identify a patient who has sustained this injury.								
To be alert for the potential for this injury to occur.								
To understand the principles of surgical management of this injury.								
To be able to carry out these procedures safely and competently								
KNOWLEDGE								
Anatomy and physiology of facial skeleton, orbit and contents		X				X	X	1
Awareness of head injury and cranial nerve function		X				X	X	1
Potential for complications involving sight and early involvement where appropriate of ophthalmologists/orthoptists		X				X	X	1
Surgical approaches to the orbit		X				X	X	1
Available techniques for orbital wall reconstruction		X				X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
Clinical examination of eyes, facial skeleton and cranial nerves	X						X	1
Assessment of head injury and cranial nerve function	X	X					X	1
Choice of appropriate surgical technique		X				X	X	1

Interpretation of radiographs/scans		X				X	X	1
TECHNICAL SKILLS AND PROCEDURES								
Carry out of steps of procedure safely and correctly				X				1,2
Assessment of eye function	X							1
Techniques for approach to orbital floor		X		X			X	1
Safe exposure of fracture sites and reduction of fragments				X			X	1,3
Bone grafting and plating skills				X				1

Dental Trauma and dento-alveolar fractures	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess an injured patient presenting either acutely or in the out-patient clinic								
To be able to formulate a differential diagnosis and an investigation and management plan								
To be able to treat the patient appropriately up to and including operative intervention i appropriate								
To be able to communicate the above information at the required level to patients/carers/other team members								
KNOWLEDGE								
Aetiology of facial trauma		X				X	X	1
Priorities of management		X				X	X	1
Assessment of airway and level of consciousness (Glasgow coma scale)	X					X	X	1
Signs and symptoms of fractures of facial skeleton		X				X	X	1
Eyes/ears assessment	X						X	1
Investigations and radiographic interpretation		X				X	X	1
Anatomy of mouth, jaws, teeth and supporting structures		X				X	X	1
Anatomy of trigeminal nerve and infiltration / nerve block anaesthesia		X				X	X	1
Classification of dental trauma and dento-alveolar fractures		X				X	X	1
Assessment of head injury and cranial nerve function	X						X	1
Aetiology		X				X	X	1
Interpretation of radiographs		X				X	X	1
Potential complications		X				X	X	1
Pharmacology and therapeutics of post-operative analgesia		X				X	X	1
Anatomy of facial skeleton		X				X	X	1
Physiology of nasal cavity		X				X	X	1
Anatomy of scalp, facial skeleton, orbit and contents		X				X	X	1
Anatomy of eyelids		X				X	X	1
Classification of facial fractures		X				X	X	1
Physiology of sight and oculomotor function		X				X	X	1
Available techniques		X				X	X	1
Anatomy of facial skeleton, teeth and supporting structures		X				X	X	1
Dental occlusion		X				X	X	1
CLINICAL SKILLS								
General assessment of the traumatised patient	X					X	X	1
Assessment and examination of patient with facial trauma	X					X	X	1
Airway management and emergency treatment of facial trauma	X	X					X	1,3
Ability to formulate a treatment plan and prioritise management		X				X	X	1
Pain control /prevention of infection		X				X	X	1
infiltration / nerve block anaesthesia			X					1
TECHNICAL SKILLS AND PROCEDURES								
Clinical examination of oral cavity, facial skeleton and cranial nerves	X						X	1
Local anaesthetic and sedation techniques			X					1
Carry out of steps of procedure safely and correctly			X					1,3
Techniques for removal of damaged teeth/retained roots		X	X				X	1
Techniques of preservation of damaged teeth, reduction and fixation		X	X				X	1
Intra-oral soft tissue handling and suturing techniques			X					1

Fractured Zygoma	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess an injured patient presenting either acutely or in the out-patient clini								
To be able to formulate a differential diagnosis and an investigation and management plan								
To be able to treat the patient appropriately up to and including operative intervention i appropriate								
To be able to communicate the above information at the required level to patients/carers/other team members								
KNOWLEDGE								
Aetiology of facial trauma		X				X	X	1
Priorities of management		X				X	X	1
Assessment of airway and level of consciousness (Glasgow coma scale)		X				X	X	1
Signs and symptoms of fractures of facial skeleton		X				X	X	1
Eyes/ears assessment		X				X	X	1
Investigations and radiographic interpretation		X				X	X	1
Anatomy of mouth, jaws, teeth and supporting structures		X				X	X	1
Anatomy of trigeminal nerve and infiltration / nerve block anaesthesia		X				X	X	1
Classification of dental trauma and dento-alveolar fractures		X				X	X	1
Assessment of head injury and cranial nerve function		X				X	X	1
Aetiology		X				X	X	1
Interpretation of radiographs		X				X	X	1
Potential complications		X				X	X	1
Pharmacology and therapeutics of post-operative analgesia		X				X	X	1
Anatomy of facial skeleton		X				X	X	1

Physiology of nasal cavity		X				X	X	1
Anatomy of scalp, facial skeleton, orbit and contents		X				X	X	1
Anatomy of eyelids		X				X	X	1
Classification of facial fractures		X				X	X	1
Physiology of sight and oculomotor function		X				X	X	1
Available techniques		X				X	X	1
Anatomy of facial skeleton, teeth and supporting structures		X				X	X	1
Dental occlusion		X				X	X	1
CLINICAL SKILLS								
General assessment of the traumatised patient	X					X	X	1,3
Assessment and examination of patient with facial trauma	X					X	X	1,3
Airway management and emergency treatment of facial trauma	X		X					1,2
Ability to formulate a treatment plan and prioritise management	X	X				X	X	1
Pain control /prevention of infection		X				X	X	1
infiltration / nerve block anaesthesia			X					1
TECHNICAL SKILLS AND PROCEDURES								
Clinical examination of facial skeleton and cranial nerves	X						X	1
Basic ophthalmic and orthoptic assessment	X					X	X	1
Carry out of steps of procedure safely and correctly			X	X				1
Techniques of exposure of fracture site(s) and bone manipulation				X		X	X	1
Plate handling skills				X				1
Soft tissue handling and suturing techniques				X				1

Fracture of mandible (excluding condyle)	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess an injured patient presenting either acutely or in the out-patient clinic								
To be able to formulate a differential diagnosis and an investigation and management plan								
To be able to treat the patient appropriately up to and including operative intervention if appropriate								
To be able to communicate the above information at the required level to patients/carers/other team members								
KNOWLEDGE								
Aetiology of facial trauma		X				X	X	1
Priorities of management		X				X	X	1
Assessment of airway and level of consciousness (Glasgow coma scale)		X				X	X	1
Signs and symptoms of fractures of facial skeleton		X				X	X	1
Eyes/ears assessment		X				X	X	1
Investigations and radiographic interpretation		X				X	X	1
Anatomy of mouth, jaws, teeth and supporting structures		X				X	X	1
Anatomy of trigeminal nerve and infiltration / nerve block anaesthesia		X				X	X	1
Classification of dental trauma and dento-alveolar fractures		X				X	X	1
Assessment of head injury and cranial nerve function		X				X	X	1
Aetiology		X				X	X	1
Interpretation of radiographs		X				X	X	1
Potential complications		X				X	X	1
Pharmacology and therapeutics of post-operative analgesia		X				X	X	1
Anatomy of facial skeleton		X				X	X	1
Physiology of nasal cavity		X				X	X	1
Anatomy of scalp, facial skeleton, orbit and contents		X				X	X	1
Anatomy of eyelids		X				X	X	1
Classification of facial fractures		X				X	X	1
Physiology of sight and oculomotor function		X				X	X	1
Available techniques		X				X	X	1
Anatomy of facial skeleton, teeth and supporting structures		X				X	X	1
Dental occlusion		X				X	X	1
CLINICAL SKILLS								
General assessment of the traumatised patient	X					X	X	1,3
Assessment and examination of patient with facial trauma	X					X	X	1,3
Airway management and emergency treatment of facial trauma	X							1
Ability to formulate a treatment plan and prioritise management	X	X				X	X	1
Pain control /prevention of infection		X				X	X	1
infiltration / nerve block anaesthesia		X						1
TECHNICAL SKILLS AND PROCEDURES								
Clinical examination of teeth, oral cavity, facial skeleton and cranial nerves	X						X	1
Carry out of steps of procedure safely and correctly			X	X				1
Techniques for removal of damaged teeth/retained roots			X	X		X	X	1
Techniques of exposure of fracture site(s) and bone manipulation				X		X	X	1
Plate handling skills				X				1
Techniques of intermaxillary fixation				X		X	X	1
Intra/extra-oral soft tissue handling and suturing techniques				X		X	X	1

Fractures of Naso-orbito-ethmoid complex	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct assistance of scrubbed trainer.								1,3
KNOWLEDGE								
Anatomy of craniofacial skeleton, nasal bones, orbit and contents		X				X	X	1
Classification of facial fractures		X				X	X	1
Assessment of head injury and cranial nerve function		X				X	X	1
Interpretation of radiographs/scans		X	X			X	X	1
Available techniques		X				X	X	1

To be able to communicate the above information at the required level to patients/carers/other team members										1,3
KNOWLEDGE										
Signs and symptoms of TMJ dysfunction		X				X		X		1
Differential diagnosis		X				X		X		1
Investigations and radiographic interpretation		X				X		X		1
Methods of medical and surgical management		X				X		X		1
Relevant pharmacology and therapeutics		X				X		X		1
CLINICAL SKILLS										
Ability to take a comprehensive pain history	X							X		1
Ability to examine TMJ and muscles of mastication	X							X		1
Ability to formulate and instigate treatment plan	X							X		1
Understanding of potential role of occlusion	X							X		1
TECHNICAL SKILLS AND PROCEDURES										
Use of TENS devices			X	X						1
Use of occlusal adjustment therapy				X						1
Arthrocentesis, arthrograms and arthroscopy				X						1
Open joint procedures e.g. disc plication, eminectomy				X						1

Disc displacement	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess a patient presenting with pain either acutely or in the out-patient clinic								
To be able to formulate a differential diagnosis and an investigation and management plan								
To be able to treat the patient appropriately up to and including operative intervention if appropriate								
To be able to communicate the above information at the required level to patients/carers/other team members								
KNOWLEDGE								
Signs and symptoms of TMJ dysfunction		X				X	X	1
3 Differential diagnosis		X				X	X	1
3 Investigations and radiographic interpretation		X				X	X	1
3 Methods of medical and surgical management		X				X	X	1
3 Relevant pharmacology and therapeutics		X				X	X	1
CLINICAL SKILLS								
Ability to take a comprehensive pain history	X						X	1,3
3 Ability to examine TMJ and muscles of mastication	X						X	1
3 Ability to formulate and instigate treatment plan	X	X					X	1
3 Understanding of potential role of occlusion		X					X	1
TECHNICAL SKILLS AND PROCEDURES								
Use of TENS devices			X					1
2 Use of occlusal adjustment therapy		X	X					1
2 Arthrocentesis, arthrograms and arthroscopy			X					1
2 Open joint procedures e.g. disc plication, eminectomy			X					1

Peri-operative care	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To ensure the trainee has reached a level of competence in peri-operative care. The following should apply to each of the procedures in the common conditions and operative skills category.								
KNOWLEDGE								
Pre-operative Care:								
Indications for surgery		X				X	X	1
Required preparation for surgery to include necessary pre-operative investigations		X				X	X	1
Outcomes and complications of surgery		X				X	X	1
Knowledge of the admission process		X				X	X	1
Intra-operative care:								
Anatomy to be encountered during procedure		X				X	X	1
Steps involved in operative procedure	X	X				X	X	1
Knowledge of alternative procedures in case of encountering difficulties		X				X	X	1
Post-operative care:								
Potential complications of procedure		X				X	X	1
Outcomes of procedure		X				X	X	1
Likely post-operative progress from disease process and intervention		X				X	X	1
Physiological and pathological changes in condition as a result of intervention		X				X	X	1
CLINICAL SKILLS								
Pre-operative care:								
Synthesis of history and examination into operative management plan	X	X					X	1,3
Ability to explain procedure and outcomes to patient and parents at an appropriate level	X						X	1,3
To be able to take informed consent	X	X					X	1,3
To construct an appropriate theatre list	X	X					X	1
Where appropriate to communicate with relevant other members of the theatre team e.g. anaesthetist, scrub nurse	X				X			3
Intra-operative care:								
Appropriate use of assistance	X			X				1
Communication with other members of theatre team	X				X			3
Post-operative Care:								
Assessment of patient and physiological parameters	X	X				X	X	1
Appropriate intervention to deal with changing parameters	X					X	X	1
Communication skills for dealing with team members, patients and carers	X				X			3
Ability to prioritise interventions		X				X	X	1
Recognition of complications of procedure	X	X				X	X	1

Aseptic preparation				X		X	X	1
Skin incision and approach to gland				X		X	X	1
Identification and protection of facial nerve				X				1
Dissection of gland and ligation of duct				X				1
Appropriate drainage and closure				X				1

Tumour of Submandibular Gland	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess a patient presenting with a neck swelling either acutely or in the out patient clinic								1
To be able to formulate a differential diagnosis and an investigation and management plan								1
To be able to treat the patient appropriately up to and including operative intervention if appropriate								1
To be able to communicate the above information at the required level to patients/carers/other team members								1,3
KNOWLEDGE								
Anatomy and physiology of major salivary glands		X				X	X	1
Anatomy of oral cavity and lingual nerve		X				X	X	1
Indications and techniques		X				X	X	1
Potential complications		X				X	X	1
Anatomy of facial and lingual nerves		X				X	X	1
Investigations		X				X	X	1
Indications and techniques		X				X	X	1
Anatomy of facial nerve		X				X	X	1
Investigations / FNAC technique		X				X	X	1
Indications for procedures and techniques		X				X	X	1
CLINICAL SKILLS								
Identification of relevant instruments and support staff	X			X			X	1,2
TECHNICAL SKILLS AND PROCEDURES								
Submandibular gland excision:								
Aseptic preparation				X		X	X	1
Skin incision and approach to gland				X		X	X	1
Identification and protection of facial nerve				X				1
Dissection of gland and ligation of duct				X				1
Appropriate drainage and closure				X				1

Obstructive or Inflammatory disease	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess a patient presenting with a neck swelling either acutely or in the out patient clinic								1
To be able to formulate a differential diagnosis and an investigation and management plan								1
To be able to treat the patient appropriately up to and including operative intervention if appropriate								1
To be able to communicate the above information at the required level to patients/carers/other team members								1
KNOWLEDGE								
Anatomy and physiology of major salivary glands		X				X	X	1
Anatomy of oral cavity and lingual nerve		X				X	X	1
Indications and techniques		X				X	X	1
Potential complications		X				X	X	1
Anatomy of facial and lingual nerves		X				X	X	1
Investigations		X				X	X	1
Indications and techniques		X				X	X	1
Anatomy of facial nerve		X				X	X	1
Investigations / FNAC technique		X				X	X	1
Indications for procedures and techniques		X				X	X	1
CLINICAL SKILLS								
Identification of relevant instruments and support staff	X			X				1,3
TECHNICAL SKILLS AND PROCEDURES								
Parotidectomy:								
FNAC technique				X		X	X	1
Aseptic preparation				X		X	X	1
Skin incisions and approaches to facial nerve				X		X	X	1
Identification and protection of facial nerve				X				1
Dissection of gland/tumour and ligation of duct				X				1
Appropriate drainage and closure				X				1
Neural repair and grafting				X				1

Benign and Malignant Tumour	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess a patient presenting with a neck swelling either acutely or in the out patient clinic								1
To be able to formulate a differential diagnosis and an investigation and management plan								1
To be able to treat the patient appropriately up to and including operative intervention if appropriate								1
To be able to communicate the above information at the required level to patients/carers/other team members								1
KNOWLEDGE								
Anatomy and physiology of major salivary glands		X				X	X	1
Anatomy of oral cavity and lingual nerve		X				X	X	1
Indications and techniques		X				X	X	1
Potential complications		X				X	X	1

Anatomy of facial and lingual nerves		X				X	X	1
Investigations		X				X	X	1
Indications and techniques		X				X	X	1
Anatomy of facial nerve		X				X	X	1
Investigations / FNAC technique		X	X			X	X	1
Indications for procedures and techniques		X				X	X	1
CLINICAL SKILLS								
Identification of relevant instruments and support staff	X		X	X			X	1
TECHNICAL SKILLS AND PROCEDURES								
Parotidectomy:								
FNAC technique				X		X	X	1
Aseptic preparation				X		X	X	1
Skin incisions and approaches to facial nerve				X		X	X	1
Identification and protection of facial nerve				X				1
Dissection of gland/tumour and ligation of duct				X				1
Appropriate drainage and closure				X				1
Neural repair and grafting				X				1

Management of Cancer of the head and neck region	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess a patient presenting either acutely or in the out-patient clinic								1
To be able to formulate a differential diagnosis and an investigation and management plan								1
To be able to treat the patient appropriately up to and including operative intervention if appropriate								1
To be able to communicate the above information at the required level to patients/carers/other team members								1
Can perform complete task without direct assistance of scrubbed trainer.								1
KNOWLEDGE								
Aetiological factors and differential diagnosis		X				X	X	1
Specialised investigations		X				X	X	1
Anatomy and physiology of mouth, jaws and face		X				X	X	1
Pathology and modes of invasion / spread of common oro-facial malignancies		X				X	X	1
Interpretation of radiographs / scans		X				X	X	1
Common access techniques to oral and jaw cancers		X				X	X	1
Common excisional techniques for orofacial cancer including conservation surgery		X				X	X	1
Requirements for functional rehabilitation		X				X	X	1
Potential complications		X				X	X	1
Alternatives to surgical treatment		X				X	X	1
Anatomy and physiology of face, orbit and skull		X				X	X	1
Understanding of mode of orbital spread of cancer		X				X	X	1
Common excisional techniques for orbital cancer including conservation surgery		X				X	X	1
Access techniques to orbitofacial lesions		X				X	X	1
Individual steps to orbital exenteration		X				X	X	1
Requirements for rehabilitation		X				X	X	1
CLINICAL SKILLS								
History and examination of the patient with head and neck cancer	X						X	1
FNAC/biopsy techniques	X		X				X	1
Endoscopy techniques	X						X	1
Ability to formulate treatment plan	X	X				X	X	1
Carry out appropriate surgery according to competency	X						X	1
Post-operative care and follow-up	X	X					X	1
Identify relevant instruments and support staff	X		X	X			X	1
TECHNICAL SKILLS AND PROCEDURES								
Excision of Oral / Oropharyngeal or Jaw Malignancy:								
Aseptic preparation				X		X	X	1
Sharp and blunt dissection of soft tissues				X				1
Osteotomy technique and plate handling skills				X		X	X	1
Safe isolation of tumour				X				1,2
Safe adequate excision of tumour in three dimensions				X				1,2
Preservation of vital structures				X				1
Control of haemorrhage				X				1,2
Appropriate drain placement and wound closure				X	X			1
Orbital Exenteration:								
Aseptic preparation				X		X	X	1
Sharp and blunt dissection of soft tissues				X				1
Osteotomy techniques and plate handling skills				X		X	X	1
Safe isolation and exenteration of orbital contents				X		X	X	1,2
Skin grafting skills				X				1
Methods of temporary obturation and/or reconstruction				X		X	X	1

Developmental/acquired deformity of facial skeleton	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To be able to assess a patient presenting either acutely or in the out-patient clinic								1
To be able to formulate a differential diagnosis and an investigation and management plan								1
To be able to treat the patient appropriately up to and including operative intervention if appropriate								1
To be able to communicate the above information at the required level to patients/carers/other team members								1,3
KNOWLEDGE								
Aetiological factors and differential diagnosis		X				X	X	1
Specialised investigations		X				X	X	1

Classification of malocclusion/deformity		X				X	X	1
CLINICAL SKILLS								
History and examination of the patient with facial deformity	X						X	1
Ability to formulate treatment plan	X	X				X	X	1
Post-operative care and follow-up	X	X					X	1,3
Identification of relevant instruments and support staff	X			X			X	1
TECHNICAL SKILLS AND PROCEDURES								
Orthognathic surgery techniques				X		X	X	1

Genioplasty	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct supervision of scrubbed trainer								
KNOWLEDGE								
Developmental anatomy of facial skeleton and facial musculature		X				X	X	1
Classification and assessment of facial deformity		X				X	X	1
Psychology of facial deformity		X				X	X	1
Norms of facial proportions		X				X	X	1
Techniques of cephalometric analysis		X				X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
History and examination of the patient with facial deformity	X					X	X	1
Ability to formulate treatment plan		X				X	X	1
Orthognathic surgery techniques		X				X	X	1
Post-operative care and follow-up		X				X	X	1
Identification of relevant instruments and support staff	X						X	1
TECHNICAL SKILLS AND PROCEDURES								
Approaches to the anterior mandible				X		X	X	1
Identification and protection of mental nerves				X				1
Safe use of power tools				X				1
Plating and fixation skills				X				1
Control of haemorrhage				X				1

Mandibular ramus osteotomy	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct supervision of scrubbed trainer								
KNOWLEDGE								
Developmental anatomy of facial skeleton and facial musculature		X				X	X	1
Development of occlusion		X				X	X	1
Classification and assessment of facial deformity		X				X	X	1
Physiology of mastication		X				X	X	1
Psychology of facial deformity		X				X	X	1
Norms of facial proportions		X				X	X	1
Techniques of cephalometric analysis		X				X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
History and examination of the patient with facial deformity	X	X					X	1
Ability to formulate treatment plan		X				X	X	1
Orthognathic surgery techniques		X				X	X	1
Post-operative care and follow-up		X				X	X	1
Identification of relevant instruments and support staff	X			X			X	1
TECHNICAL SKILLS AND PROCEDURES								
Approaches to the mandibular ramus				X		X	X	1
Identification and protection of key structures				X			X	1,3
Safe use of power tools				X				1,3
Plating and fixation skills				X				1
Control of haemorrhage				X		X	X	1
Intermaxillary fixation techniques				X		X	X	1

Maxillary osteotomy (Le Fort I and variants)	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct supervision of scrubbed trainer								
KNOWLEDGE								
Developmental anatomy of facial skeleton and facial musculature=		X				X	X	1
Development of occlusion		X				X	X	1
Classification and assessment of facial deformity		X				X	X	1
Physiology of mastication		X				X	X	1
Psychology of facial deformity		X				X	X	1
Norms of facial proportions		X				X	X	1
Techniques of cephalometric analysis		X				X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
History and examination of the patient with facial deformity	X						X	1
Ability to formulate treatment plan		X				X	X	1
Orthognathic surgery techniques		X				X	X	1
Post-operative care and follow-up		X				X	X	1
Identification of relevant instruments and support staff	X	X				X	X	1
TECHNICAL SKILLS AND PROCEDURES								
Approaches to the maxilla			X			X	X	1
Safe use of power tools			X					1,3

Plating and fixation skills			X					1
Control of haemorrhage			X					1
Intermaxillary fixation techniques			X			X	X	1

Zygomatic osteotomy	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct supervision of scrubbed trainer								
KNOWLEDGE								
Developmental anatomy of facial skeleton / orbits		X				X	X	1
Classification and assessment of facial deformity		X				X	X	1
Psychology of facial deformity		X				X	X	1
Norms of facial proportions		X				X	X	1
Techniques of cephalometric analysis		X				X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
History and examination of the patient with facial deformity	X	X					X	1
Ability to formulate treatment plan		X				X	X	1
Orthognathic surgery techniques		X				X	X	1
Post-operative care and follow-up		X				X	X	1
Identification of relevant instruments and support staff	X	X				X	X	1
TECHNICAL SKILLS AND PROCEDURES								
Approaches to the zygoma				X		X	X	1
Safe use of power tools				X				1,3
Plating and fixation skills				X				1
Control of haemorrhage				X				1

Harvest of bone graft (Extra-oral sites)	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct assistance of scrubbed trainer.								
KNOWLEDGE								
Anatomy and physiology of limbs, pelvis and skull		X				X	X	1
Understanding of bone healing		X				X	X	1
Advantages and disadvantages of various sites		X				X	X	1
Use of alternative procedures		X				X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
Identification of relevant instruments and support staff	X					X	X	1
Aseptic preparation	X						X	1
Skin incisions and approaches to bone graft sites	X			X			X	1
Use of bone instruments / harvesting of bone				X			X	1
Insetting and fixation of bone graft				X			X	1
Management of donor site and closure				X			X	1
TECHNICAL SKILLS AND PROCEDURES								
Proper positioning of the patient preoperatively, where appropriate, an understanding o application and safe use of tourniquets	X			X			X	1,3

Pedicled flaps	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct assistance of scrubbed trainer.								1
KNOWLEDGE								
Anatomy of donor sites and principles of blood supply to skin, fascia and muscle		X				X	X	1
Indications for different types of flap		X				X	X	1
Limitation of techniques		X				X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
Identification of relevant instruments and support staff	X			X			X	1
Raising of pedicled cutaneous, muscle and myocutaneous flaps	X			X			X	1
Insetting of flap	X			X			X	1
Management of donor site and closure	X			X		X	X	1
Management of complications	X					X	X	1
TECHNICAL SKILLS AND PROCEDURES								
Understanding and safe positioning of patient for procedure				X				1,2

Free tissue transfer	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
Can perform complete task without direct assistance of scrubbed trainer								1
KNOWLEDGE								
Anatomy of donor sites and principles of blood supply to skin, fascia and muscle		X				X	X	1
Anatomy of neck vessels		X				X	X	1
Indications for different types of flap		X				X	X	1
Principles of microvascular anastomosis		X				X	X	1
Limitation of techniques		X				X	X	1
Potential complications		X				X	X	1
CLINICAL SKILLS								
Identification of relevant instruments and support staff	X			X			X	1
Raising of soft tissue and composite flaps	X			X		X	X	1
Insetting of flap	X			X			X	1
Use of operating microscope and loupes	X			X			X	1
Preparation of donor and recipient vessels	X			X			X	1

KNOWLEDGE								
Process and timing of facial (including dental), branchial arch and otological development during pregnancy and their relationship to investigations and their limitation		X				X	X	1
Teratogenesis and genetics		X				X	X	1
Common syndromes		X				X	X	1
Relationship to other syndromes		X				X	X	1
Pathogenesis and aetiological risks		X				X	X	1
Normal anatomy and the variations found in cleft lip and palate patients		X				X	X	1
Cardio-respiratory physiology of newborn, energy requirements, growth, development milestones in the first year of life, IV fluid management, principles of resuscitation		X				X	X	1
Feeding mechanisms, swallowing, relation of infant feeding and later speech mechanisms, nasal and Eustachian tube and middle ear physiology		X				X	X	1
Speech and language development		X				X	X	1,3
CLINICAL SKILLS								
History and Examination:	X						X	1,3
Applies above principles	X						X	1
Data Interpretation:	X					X	X	1
Evaluates diagnostic imaging (CT and MRI) in light of the anatomy and its variations	X	X				X	X	1
Applies physiological principles to laboratory and other investigations to patient care	X	X				X	X	1
TECHNICAL SKILLS AND PROCEDURES								
N/A								

Patient management and family care	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To apply the principles of patient care, develop team working and liaise with the family and other carers								
KNOWLEDGE								
Understanding the expertise and role of other disciplines in cleft management		X				X	X	1
Fitness and principles of anaesthesia in relations to problems encountered here		X				X	X	1
Principles and techniques of primary and secondary cleft surgery of lip and palate, including unilateral alveolar bone graft		X				X	X	1
Ethical issues around management		X				X	X	1,2,3,4
Post-operative management, including introduction of feeding		X				X	X	1
Evidence based medicine and audit		X				X	X	1
Principles of biomedical research and clinical care		X				X	X	1
CLINICAL SKILLS								
History and Examination:								
Elicit relevant history including difficult circumstances	X	X					X	1,3
Elicit pregnancy history	X	X					X	1
Obtains information from the family	X	X					X	1,3
Examine the head and neck using diagnostic endoscopic equipment if necessary	X						X	1
Communicates effectively with patient and other members of the team	X				X		X	1
Data Interpretation:								
Interpret haematological, biochemical and other relevant investigations		X				X	X	1
Evaluate diagnostic imaging (CT and MRI) in light of the anatomy and its variations		X				X	X	1
Patient Management:								
Empathizes with family	X	X					X	1
Prioritise patient's needs	X	X					X	1,3
Assess patient needs prior to theatre	X	X					X	1
Fluid balance		X				X	X	1
Anti microbial and other drug therapy		X				X	X	1
Taking consent	X	X				X	X	1,3
Team working with medical and other workers such as dieticians, speech therapists	X				X	X	X	1,3
Records and presents data accurately	X	X					X	1
TECHNICAL SKILLS AND PROCEDURES								
APLS/PALS		X				X	X	1
Diagnostic fiberoptic endoscopy	X							1
Applies basic principles of surgery and uses instruments and other modalities as listed in the logbook		X					X	1
Involved with research and audit		X						1

Surgical skills	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
To integrate knowledge and behaviour with the developing surgical skills								
KNOWLEDGE								
Details and variations of the primary surgical procedures. These include surgical anatomy, pathological anatomy, techniques and timing, rationale of different sequences		X				X	X	1
Details and variations of the secondary surgical procedures. These include surgical anatomy, pathological anatomy, techniques and timing, rationale of different sequences		X				X	X	1
Preparation for bone grafting, correct assessment of evolution of secondary dentition		X				X	X	1
Understands orthodontic investigations and treatment		X				X	X	1
Understands planning, surgical principles in orthognathic appliances and their usage, including methods of distraction osteogenesis		X				X	X	1
Understands the surgery required to correct and repair the nasal deformities		X				X	X	1
CLINICAL SKILLS								
[Please refer to Patient management and family care.								
TECHNICAL SKILLS AND PROCEDURES								
Operative skill to repair the lip, palate and appropriate other structures according to Unit protocol				X				1
Ability to make appropriate lip revision, ability to make appropriate fistula closure				X				1
Assessing appropriateness of referral for speech investigations, assessing likely co-operation of patient, basic interpretation of results for repair of velo-pharyngeal dysfunction				X				1

Ability to undertake alveolar bone grafting and orthognathic surgery					X					1
Ability to undertake septorhinoplasty with and without augmentation					X					1

Team working	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								
KNOWLEDGE								
Understanding the expertise and role of other disciplines in cleft management		X				X	X	1
CLINICAL SKILLS								
Effective communication with other disciplines		X			X		X	1,3
Presentation of clinical cases								
TECHNICAL SKILLS AND PROCEDURES								
None								

Communication	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								
KNOWLEDGE								
Methods and timing of involvement of other disciplines in cleft care		X				X	X	1
CLINICAL SKILLS								
Appropriate involvement of other professionals	X	X			X	X	X	1,3
TECHNICAL SKILLS AND PROCEDURES								
None								

Empathy and sensitivity, ethics, consent	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								
KNOWLEDGE								
Range of patient and parent reaction to cleft deformity and its consequences		X				X	X	1,3,4
Knowledge of ethical issues in cleft management		X				X	X	1,3,4
CLINICAL SKILLS								
Identifying patients and parents concerns	X	X					X	1,3
Take consent effectively for primary cleft operations	X	X					X	1,3
Ability to discuss ethical issues and potential complications	X	X					X	1,3
TECHNICAL SKILLS AND PROCEDURES								
None								

Antenatal diagnosis	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								
KNOWLEDGE								
Possibilities and limitations of antenatal diagnosis		X						1
Likelihood of undiagnosed coexistent abnormalities		X						1
CLINICAL SKILLS								
Ability to ascertain details of antenatal diagnosis	X	X				X	X	1
Ability to prioritise information	X	X				X	X	1
Ability to use simple language in discussing diagnoses	X	X					X	1,3
TECHNICAL SKILLS AND PROCEDURES								
None								

Organisation and planning	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								
KNOWLEDGE								
Systematic approach to patient management	X	X					X	1
CLINICAL SKILLS								
Starting with important tasks	X	X					X	1
Improvement of efficiency	X							1
Discussing prioritisation with colleagues in the team	X	X					X	1,3
TECHNICAL SKILLS AND PROCEDURES								
None								

Data and record management	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								
KNOWLEDGE								
Understand how data are recorded by different specialties in cleft management		X				X	X	1
CLINICAL SKILLS								
Contribute accurate records	X	X					X	1,3
Understand significance of data recorded by others		X				X	X	1
TECHNICAL SKILLS AND PROCEDURES								
None								

Audit/Evidence based medicine	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								
KNOWLEDGE								
Principles of EBM		X						
Important clinical trials in cleft management		X						

None									
KNOWLEDGE									
Range of normal pre-operative parameters in children, significant dangers for anaesthetics and operation, principles of post-operative fluid management, antibiotic policy		X				X	X	1	
CLINICAL SKILLS									
Appropriate examination, liaison with Anaesthetics and Ward staff, counselling of parents, post-operative fluids and feeding management, thresholds for Intensive Care interventions	X	X			X		X	1,3	
TECHNICAL SKILLS AND PROCEDURES									
None									

Antenatal management	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Possibilities and limitations of antenatal diagnosis, likelihood of undiagnosed coexistent abnormalities		X				X	X	1
CLINICAL SKILLS								
Ability to ascertain details of antenatal diagnosis, ability to prioritise information, ability to use simple language in discussing diagnoses	X							1,3,4
Ability to conduct ante-natal counselling, demonstrate appropriate liaison with Fetal Medicine Department	X							1,3,4
TECHNICAL SKILLS AND PROCEDURES								
None				X				1

Airway	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Energy requirements and preferred methods of feeding in clefts, feeding problems in syndromic and premature babies						X	X	1
CLINICAL SKILLS								
Liaise with other professionals on optimisation of cleft patients' feeding	X				X	X	X	1,3
TECHNICAL SKILLS AND PROCEDURES								
None				X				

Counselling	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1,3,4
KNOWLEDGE								
Understanding of techniques and priorities of informing parents of new patients	X				X	X	X	1,3,4
CLINICAL SKILLS								
Counselling parents of new patients, ability to use simple language, ability to demonstrate priorities to parents	X					X	X	1,3,4
TECHNICAL SKILLS AND PROCEDURES								
None								

Principles of pre-surgical orthodontics	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Awareness of orthodontic preferences, awareness of situations indicating pre-surgical orthodontics		X				X	X	1
CLINICAL SKILLS								
Appropriate discussion with Orthodontic colleagues	X				X			1,3
TECHNICAL SKILLS AND PROCEDURES								
None								1

Primary lip repair	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Surgical anatomy, pathological anatomy, techniques and timing, rationale of different sequences						X	X	1
CLINICAL SKILLS								
N/A							X	
TECHNICAL SKILLS AND PROCEDURES								
Operative skill to repair the lip and appropriate other structures according to Unit protocol				X				1,3

Primary Palate repair	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Surgical anatomy, pathological anatomy, techniques and timing, rationale of different sequences		X				X	X	1
CLINICAL SKILLS								
N/A								1
TECHNICAL SKILLS AND PROCEDURES								
Operative skill to repair the palate and appropriate other structures according to Unit protocol				X			X	1,3

Lip revision and fistula closure	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
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OBJECTIVE									
None									1
KNOWLEDGE									
Appropriate assessment of lip/fistula disability, awareness of patient perceptions		X				X	X		1,3
CLINICAL SKILLS									
None									1
TECHNICAL SKILLS AND PROCEDURES									
Ability to make appropriate lip revision, ability to make appropriate fistula closure				X					1

Investigation of velo-pharyngeal function	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Indications for speech investigations, methods and limitations, radiation protection		X				X	X	1
CLINICAL SKILLS								
Basic understanding of Nasendoscopy	X		X			X	X	1
TECHNICAL SKILLS AND PROCEDURES								
Assessing appropriateness of referral for speech investigations, assessing likely co-operation of patient, basic interpretation of results				X	X			1,3
Full interpretation of the results and formation of clinical plan		X		X	X			1,3

Secondary palatal surgery, surgical management of VPI	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Anatomy and physiology of palatal function and abnormalities after cleft closure pathophysiology of VPI		X				X	X	1
CLINICAL SKILLS								
N/A	X					X	X	1
TECHNICAL SKILLS AND PROCEDURES								
Judgement on correct operations for secondary repair and control of VPI, skilful dissection of palate after previous repair, surgical skills in speech surgery, pharyngoplasty				X			X	1

Alveolar bone graft	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Anatomy and pathological anatomy of the cleft nose, understanding of corrective procedures		X				X	X	1
CLINICAL SKILLS								
None	X							
TECHNICAL SKILLS AND PROCEDURES								
Demonstrate surgical skills in cleft rhinoplasty, management of cleft airway and nasal septum				X				

Cleft related orthognathic surgery	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Understanding of anatomy and pathological anatomy, understanding of planning, surgical principles in orthognathic appliances and their usage, methods of distraction osteogenesis		X				X	X	1
CLINICAL SKILLS								
None	X							
TECHNICAL SKILLS AND PROCEDURES								
Ability to perform orthognathic surgery under supervision				X				1,3

Basic Otology and hearing assessment	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Interpretation of audiogram and tympanometry study, understanding the principles of brain stem evoked response audiometry		X				X	X	1
CLINICAL SKILLS								
Ability to refer from appropriate history and audiogram	X						X	1
TECHNICAL SKILLS AND PROCEDURES								
None				X				1

Orthodontics	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Understanding of orthodontic role in cleft care, planning AGB, planning orthognathic surgery orthodontic measurement of mid-facial growth	X					X	X	
CLINICAL SKILLS								
Appropriate liaison with Orthodontists					X			1,3
TECHNICAL SKILLS AND PROCEDURES								
None				X				1

Speech and language therapy	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								

None									
KNOWLEDGE									
Speech and language therapy input into cleft management, tools for examining speech development, surgical and orthodontic assistance to speech therapy		X			X	X	X		1
CLINICAL SKILLS									
Appropriate liaison with Speech and language therapists, partaking in policy formation to patients concerning speech management	X				X	X	X		1
TECHNICAL SKILLS AND PROCEDURES									
None									1

Paediatric and restorative dentistry	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Understanding of the role of Paediatric Dentists, understanding basics of oral and dental hygiene, understanding principles of restorative dentistry		X			X	X	X	1,3
CLINICAL SKILLS								
Appropriate referral to Paediatric and Restorative Dentist	X							1
TECHNICAL SKILLS AND PROCEDURES								
None								1

Child and adolescent psychology	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								
KNOWLEDGE								
Awareness of the role of Psychologists in childhood and adolescence, understanding of situations requiring psychology therapy		X			X	X	X	1,3
CLINICAL SKILLS								
Care in selection of appropriate patients/families for referral		X						1
TECHNICAL SKILLS AND PROCEDURES								
None								1

Children with disabilities	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Understanding the role of Community Paediatrics and associated professionals, special needs teaching, awareness of communication disorders		X			X	X	X	1,3
CLINICAL SKILLS								
Appropriate liaison with community agencies, ability to write relevant reports	X				X			1,3
TECHNICAL SKILLS AND PROCEDURES								
None								

Ethical issues	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Understanding of consent in older children and adolescents, Gillick competence, ethics of new procedures		X				X	X	1
CLINICAL SKILLS								
Ability to take consent from older children and adolescents, ability to communicate medical ethics to parents and older children	X				X			1,3
TECHNICAL SKILLS AND PROCEDURES								
None								

General paediatric issues	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Understanding resuscitation of children		X				X	X	1
Understanding issues of non-accidental injury and child protection		X				X	X	1
CLINICAL SKILLS								
Maintenance of APLS/PALS skills	X							1
Ability to recognise signs of NAI, risk factors, family pathology, awareness of NAI referral pathways to child protection	X					X	X	1,3
TECHNICAL SKILLS AND PROCEDURES								
None								

Management of residual cleft deformity in adults	CEX	CBD	DOPS	PBA	MSF	FRCS Section 1	FRCS Section 2	GMP
OBJECTIVE								
None								1
KNOWLEDGE								
Understanding of situation at cessation of facial growth, basic understanding of nasal septa deformity, understanding of adult self-image problems, understanding of adult communication problems		X				X	X	1,3,4
CLINICAL SKILLS								
Ability to assemble appropriate professionals to solve adults' concerns	X				X		X	1,2,3,4
TECHNICAL SKILLS AND PROCEDURES								
None								1