

# Oral and Maxillofacial Pathology Summary Information Sheet

	<b>Suggested forms of evidence</b>	<b>Tell us how you have met this outcome</b>	<b>Where in your portfolio can this evidence be found?</b>	<b>Assessor's rating and comments on evidence (Meets/partially meets/does not meet)</b>
<b>BASIC KNOWLEDGE</b>	<b>ECE CBD FRCPATH examinations</b>			
Demonstrate sufficient general clinical knowledge including major changes in trends of diagnosis and treatment.				
Be able to describe and demonstrate normal anatomy, physiology and pathophysiology. Possess sufficient knowledge of molecular techniques as applied within clinical medicine and particularly within surgical pathology.				
<b>SURGICAL 'CUT UP' [GENERAL]</b>	<b>DOPS ECE CBD</b>			
Demonstrate and apply the principles of specimen dissection, macroscopic description and block selection in neoplastic and non-neoplastic disease.				
Demonstrate and apply the principles of dissection of major cancer resection specimens and tissue sampling to enable completion of RCPATH's Standards and Datasets for Reporting Cancers.				
<b>LABORATORY PROCESSES</b>	<b>DOPS ECE CBD</b>			

Describe the principles of laboratory processing within surgical pathology and cytopathology.				
<b>SURGICAL REPORTING [GENERAL]</b>	<b>DOPS</b> <b>ECE</b> <b>CBD</b> <b>FRCPATH examinations</b> <b>Case logbook</b>			
Demonstrate the principles of microscopy. Knowledge of the microscopic features of the range of normality within tissues as well as the major common pathological processes and patterns of disease.				
<b>SPECIAL TECHNIQUES</b>	<b>DOPS</b> <b>ECE</b> <b>CBD</b> <b>FRCPATH examinations</b> <b>Case logbook</b>			
Describe the principles of 'special' histochemical, immunohisto-chemical and immunofluorescent methods, and of electron microscopy.				
<b>MOLECULAR PATHOLOGY</b>	<b>CBD</b> <b>ECE</b> <b>FRCPATH Examination Portfolio</b>			
Demonstrate understanding of the origins and consequences of germline variation and somatic mutations, including DNA methylation, gene expression changes, chromosomal instability, fusion genes and genetic changes in developmental diseases and neoplasms				

Knowledge of basic molecular databases				
Show knowledge of how histological samples are taken and how nucleic acid are extracted from them.				
Demonstrate knowledge of the principles of molecular methods.				
Show understanding of the basis of molecular tests currently performed on histological samples, including limitations of those tests, and types of tests that are anticipated in the near future.				

**Oral and Maxillofacial Pathology and Relevant Head and Neck Pathology**

<b>GENERAL</b>	<p>DOPS ECE CBD MSF <a href="#">FRCPATH examinations Case Logbook</a></p>			
Correct specimen orientation				
Open fresh specimen (if appropriate)				

Lymph node anatomy and dissections in cancer specimens				
Obtain fresh tissue for touch preparations, frozen reserve, electron microscopy and cytogenetics where appropriate.				
Identification of resection margins and appropriate use of ink to demonstrate critical margins				
<b>DENTAL PATHOLOGY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Teeth: Able to identify and orientate individual teeth				
Tooth-supporting structures: Periapical biopsies, including specimens from periapical surgery Gingival and periodontal lesions				
Cysts of the jaw: Biopsy of cyst lining Cyst enucleation specimens Resection specimens				

<p>Odontogenic tumours: Incisional biopsy Resection specimens, including bone</p>				
<p><b>ORAL MUCOSA</b></p>	<p>DOPS ECE CBD MSF FRCPATH examinations Case Logbook</p>			
<p>Developmental: Incision biopsy Excision biopsy</p>				
<p>Inflammatory/reactive: Incision biopsy</p>				
<p>Potentially neoplastic: Incision biopsy Excision biopsy</p>				
<p>Neoplastic: Incision biopsy Resection specimen, including bone Neck dissection Biopsies from skin grafts to the oral mucosa</p>				
<p><b>SALIVARY AND OTHER MUSCOSAL GLANDS</b></p>	<p>DOPS ECE CBD MSF FRCPATH examinations Case Logbook</p>			

<p>Developmental disorders: Major gland Oral, sinonasal, pharyngeal and laryngeal minor glands</p>				
<p>Inflammatory and cystic disorders of the major and minor salivary glands: Major gland incision biopsy Major gland excision Oral, sinonasal, pharyngeal and laryngeal minor glands</p>				
<p>Lymphoid infiltration and lymphomas involving lymph nodes associated with the major glands: Major gland Oral, sinonasal, pharyngeal and laryngeal minor glands Lymph nodes for neoplastic and non- neoplastic disease (including taking tissue for supplementary techniques)</p>				
<p>Neoplastic conditions: Major gland biopsy Major gland excision Oral, sinonasal, pharyngeal and laryngeal minor glands</p>				
<p>Lacrimal gland: Lacrimal gland biopsy or excision</p>				
<p><b>JAWS AND CRANIOFACIAL BONES</b></p>	<p>DOPS ECE CBD MSF FRCPATH examinations Case Logbook</p>			

Inflammatory and reactive lesions involving bone, bone marrow or periosteum: Bone biopsies				
Benign fibro-osseous lesions of the jaws and craniofacial bones: Incision biopsy Resection specimen				
Other lesions of bone, including generalised disorders of bone that may involve the jaws: Incision biopsy				
Neoplastic: Incision biopsy Resection specimen				
<b>TEMPOROMANDIBULAR JOINT</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Non-neoplastic disorders: Shave/endoscopic biopsy TMJ specimen (in isolation or part of a larger resection)				
Neoplastic disorders: Resection				

<b>SINONASAL TRACT AND PHARYNX</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Maxillectomy Ethmoid and sphenoid bone block resection Nasal skin with nasal cartilages Tonsillectomy Adenoidectomy Nasal polypectomy				
<b>HYPOPHARYNX, LARYNX AND TRACHEA</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Mucosal laser excision biopsy Pharyngo-laryngectomy Laryngectomy				
<b>HEAD AND NECK SKIN INCLUDING PINNA</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Skin resection specimen Composite skin resection specimen that includes deep structures				
<b>LYMPH NODES</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			



Open biopsies				
sentinel nodes				
Core biopsies				
FNA, including cytospin and cell block preparations)				
Neck dissections				
<b>THYROID AND PARATHYROID GLANDS</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Thyroidectomy Parathyroidectomy				

<b>PARAGANGLIONIC SYSTEM</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
<b>CYTOLOGY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Prepare an air dried or fixed specimen from a fine needle aspiration biopsy (FNAB)				
<b>FROZEN SECTIONS</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Resection margins				
<b>General Histopathology</b>				
<b>GENERAL</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Able to identify different types of specimens and be able to orientate, cut up and mark as appropriate common biopsy and resection specimens				

Able to identify, orientate and prepare specimens for frozen section examination, especially from the H&N region				
<b>DERMATOPATHOLOGY</b>	<b>DOPS</b> <b>ECE</b> <b>CBD</b> <b>MSF</b> <b>FRCPATH examinations</b> <b>Case Logbook</b>			
Able to prepare skin biopsies or resection specimens				
Be aware of the laboratory procedures for Moh's technique				
<b>LYMPHORETICULAR PATHOLOGY</b>	<b>DOPS</b> <b>ECE</b> <b>CBD</b> <b>MSF</b> <b>FRCPATH examinations</b> <b>Case Logbook</b>			
Able to orientate and prepare a lymph node for histology.				
Able to prepare touch preparations, FNAs and core biopsies				

<b>SOFT TISSUE PATHOLOGY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Able to orientate and prepare a soft tissue biopsy				
Knowledge of the techniques for the preparation of major resections and amputations				
<b>OSTEO-ARTICULAR PATHOLOGY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Able to orientate and prepare bone biopsies and small resection specimens				
Knowledge of the techniques for the preparation of major resections and amputations				
<b>ENDOCRINE PATHOLOGY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			

Able to orientate and prepare small biopsies and resection specimens				
<b>GASTROINTESTINAL PATHOLOGY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Able to orientate and prepare biopsies and common resections from the GI tract				
<b>CYTOPATHOLOGY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Able to prepare a smear, touch prep, or FNA				
<b>OTHER AREAS OF PATHOLOGY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Able to recognise, orientate and mark as appropriate, biopsies and common resection specimens				

<b>AUTOPSY</b>	DOPS ECE CBD MSF FRCPATH examinations Case Logbook			
Able to identify major organs.				
Awareness of the techniques used for the preparation and examination of a body during an autopsy procedure				
Assist or observe sufficient autopsy procedures to gain experience of the common causes of death in the UK.				