

## OHNS Syllabus

The syllabus below covers the areas that are examinable in the Surgical Sciences Examinations in Otolaryngology, Head and Neck Surgery. This syllabus builds on knowledge gained from undertaking the Generic Surgical Sciences Examination and goes into much greater depth in areas relevant to this surgical speciality.

### ANATOMY

Knowledge of applied gross and microscopic anatomy relevant to Otolaryngology, Head and Neck Surgery in the following areas:

Anatomical feature	Sub-structures
Skull and head	Cranial nerves Face
The neck	Contents, Compartments and Triangles of the neck
Otology	External ear Middle ear Inner ear
The upper aerodigestive tract	Nasopharynx Oropharynx Larynx Hypopharynx Oral cavity Oesophagus
Rhinology	Nasal cavity and sinuses
Respiratory tract	Trachea
Endocrine system	Thyroid Parathyroids

## PHYSIOLOGY

Knowledge of applied physiology relevant to Otolaryngology Head and Neck Surgery in the following areas:

Anatomical feature	Sub-structures
Skull and head	
Otology	External ear Middle ear Inner ear Principles of hearing Vestibular and balance
The upper aerodigestive tract	Larynx and voice Swallowing Saliva Taste
Rhinology	Nasal cavity and sinuses Olfaction
Respiratory tract	Trachea
Endocrine system	Thyroid Parathyroids
Sleep and its disorders relevant to Otolaryngology	
Lymphatics	

## PATHOLOGY

Knowledge of applied pathology relevant to Otolaryngology Head and Neck Surgery in the following areas:

Pathology	Detail
Antibiotics	
Infectious diseases	
Neoplasia of the head and neck	Benign lesions Precancerous lesions Malignant lesions Genetics and molecular biology Epidemiology o Salivary gland o Thyroid Oral cavity lesions
Genetics and Molecular Biology	
General pathology	Acute and chronic inflammation Tissue response to injury Cell cycle Tissue repair
Immunology	
Normal immune response	
Hypersensitivity	
Autoimmune diseases	
Immunodeficiency	Congenital & Acquired
Viral diseases and manifestations in the head and neck	
Lymphoid tissue of the head and neck	
Congenital head and neck lesions	
Rhinosinusitis and associated conditions	
Systemic diseases affecting the nose and paranasal sinuses	