Otolaryngology syllabus

Anatomy
Knowledge of applied gross and microscopic anatomy in the following areas:

Cranial nerves
Skull base
Contents, Compartments and Triangles of the neck
External ear
Middle ear
Inner ear
Nasopharynx
Oropharynx
Larynx
Hypopharynx
Nasal cavity and sinuses
Oral cavity
Oesophagus
Face
Trachea
Thyroid
Parathyroids

Physiology
Knowledge of applied physiology in the following areas:

Swallowing
Larynx and voice
Saliva
Taste
Hearing
External ear, Middle ear and acoustics
Inner ear
Vestibular and balance
Thyroid
Parathyroid
CNS
Upper respiratory tract airway
Paranasal sinus and nasal airway function
Lymphatics
Sleep and its disorders relevant to Otolaryngology
Olfaction

Pathology
Knowledge of applied pathology in the following areas:

Antibiotics
Infectious diseases
Neoplasia of the head and neck
- Benign lesions
- Precancerous lesions
- Malignant lesions
- Genetics and molecular biology
- Epidemiology

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
  - SLE
  - RA
  - Scleroderma
  - Sjogrens
  - Wegener’s
  - Amyloidosis
- Immunodeficiency
  - Congenital
  - Acquired

Viral diseases and manifestations in the head and neck

Lymphoid tissue of the head and neck (tonsil, adenoid, Waldeyer’s ring)
Salivary gland
Thyroid
Oral cavity lesions
Ear
- Otosclerosis
- Meniere’s
- Chronic ear disease including cholesteatoma
- Otitis media and associated conditions

Congenital head and neck lesions
Odotongenic lesions
Nose
- Basic overview
- Rhinosinusitis and associated conditions
- Systemic diseases affecting the nose and paranasal sinuses
Recommended text(s):

Anatomy
Last’s anatomy regional and applied R.M.H McMinn 9th edition
Gray’s anatomy the anatomical basis of clinical practice 40th edition
Wheater’s Functional Histology a text and colour atlas 4th edition
Langman’s Medical Embryology 10th edition
Colour atlas of anatomy Rohen, Yokochi and Lutjen-Drecoll 5th edition
Head and Neck Surgery – Otolaryngology by Byron J. Bailey and Jonas T. Johnson (editors) 4th edition Volume 1 and 2

Pathology
Robbins Pathologic Basis of Disease 7th edition
Chapters
16 – Head and Neck
17 – Oesophagus
24 – Thyroid, Parathyroid and Multiple Endocrine Neoplasia
25 – Skin tumours
Head and Neck Surgery – Otolaryngology by Byron J. Bailey and Jonas T. Johnson (editors) 4th edition Volume 1 and 2

Physiology
Ganong review of Medical physiology 20th edition
Guyton textbook of medical physiology 10th edition
Cumming’s 5th edition – chapter 89 and 90 for swallowing
Cumming’s 5th edition – chapter 56 for laryngeal and pharyngeal function
Head and Neck Surgery – Otolaryngology by Byron J. Bailey and Jonas T. Johnson (editors) 4th edition Volume 1 and 2