

## LECTURES' CONTENTS

### ORL Course 431

CREDIT HOUR	TOPIC DESCRIPTIONS
1-hour	<p><b>Anatomy &amp; Physiology and Embryology of the Ear + Congenital Anomalies</b></p> <ul style="list-style-type: none"> <li>- anatomy of the external, middle and inner ears</li> <li>- brief anatomy of the central connection</li> <li>- nerve supply and earache</li> <li>- very brief embryology</li> <li>- physiology of the ear (Eustachian tube and hearing and balance)</li> </ul>
1-hour	<p><b>Diseases of External Ear and Acute Otitis Media</b></p> <ul style="list-style-type: none"> <li>- congenital anomalies of the external ear in brief (protruding ear, preauricular sinus accessory auricles, microtia and atresia)</li> <li>- miscellaneous diseases of the external ear (wax, ear syringing)</li> <li>- perichondritis (causes, clinical manifestations and treatment)</li> <li>- otitis externa (classification, clinical manifestation and management)</li> <li>- acute otitis media (etiology, pathology, clinical manifestation and management)</li> <li>- recurrent acute otitis media (definition and management)</li> </ul>
1-hour	<p><b>Chronic Otitis Media</b></p> <ul style="list-style-type: none"> <li>- classifications and definition</li> <li>- otitis media with effusion (pathology, causes, clinical feature and management)</li> <li>- chronic suppurative otitis media (pathology, causes, clinical feature and management)</li> <li>- adhesive otitis media (very brief)</li> </ul>
1-hour	<p><b>Complications of Suppurative Otitis Media</b></p> <ul style="list-style-type: none"> <li>- classifications, route of spread, brief clinical feature and management)</li> <li>- N.B. Acute mastoiditis and mastoid abscess in more details</li> </ul>
1-hour	<p><b>Deafness</b></p> <ul style="list-style-type: none"> <li>- conductive hearing loss (etiiology with special attention to otosclerosis &amp; management</li> <li>- sensorineural hearing loss (causes including congenital, traumatic, infective noise induced ototoxicity and presbycusis, acoustic neuroma)</li> <li>- management of SHNL including a brief idea about hearing aids and cochlear implant</li> <li>- sudden sensorineural hearing loss (short topic)</li> </ul>
1-hour	<p><b>Vertigo</b></p> <ul style="list-style-type: none"> <li>- mechanism of balance</li> <li>- causes of vertigo (including Meniere's disease, vestibular neuritis, positional vertigo in some details)</li> <li>- investigation of a dizzy patient (in short)</li> </ul>
1-hour	<p><b>Facial Nerve</b></p> <ul style="list-style-type: none"> <li>- anatomy (course and type of fibers in some details)</li> <li>- pathology of nerve injury</li> <li>- electrophysiological test in brief (nerve excitability and ENoG)</li> <li>- causes of facial nerve paralysis</li> <li>- clinical features</li> <li>- tests for location of the site of injury</li> <li>- management of otogenic facial paralysis (Bell's , as a complication of OM, traumatic and Ramsay Hunt's syndrome)</li> </ul>

CREDIT HOUR	TOPIC DESCRIPTIONS
2-hour	<b>Diseases of the Nose I</b> <ul style="list-style-type: none"> <li>- anatomy of the external nose and nasal cavity</li> <li>- blood supply in some details</li> <li>- physiology (function of the nose)</li> <li>- congenital disorders (choanal atresia)</li> <li>- vestibular and furunculosis (causes, clinical feature, complications and treatment)</li> </ul>
2-hour	<ul style="list-style-type: none"> <li>- epistaxis (causes and management)</li> <li>- diseases of the septum (deviation, perforation, hematoma and abscess)</li> </ul> <b>Diseases of the Nose II</b> <ul style="list-style-type: none"> <li>- acute rhinitis (etiology, clinical, treatment and complications)</li> <li>- chronic rhinitis (classification)</li> <li>- allergic rhinitis (pathology, clinical and management)</li> <li>- non allergic rhinitis</li> <li>- atropic rhinitis (definition, pathology, clinical and brief treatment)</li> <li>- nasal polyps (types, causes, pathology and treatment)</li> </ul>
1-hour	<b>The Para Nasal Sinuses</b> <ul style="list-style-type: none"> <li>- anatomy of the paranasal sinuses</li> <li>- very brief embryology</li> <li>- brief physiology</li> <li>- acute and chronic sinusitis (causes, clinical, investigation, treatment)</li> <li>- fungal sinusitis (in brief)</li> <li>- complications of sinusitis (classification with special attention to the to the orbital complications, investigation and general treatment)</li> </ul>
1-hour	<b>Salivary gland</b> <ul style="list-style-type: none"> <li>- anatomy</li> <li>- brief physiology</li> <li>- acute infection (viral and suppurative)</li> <li>- chronic non-specific and calculus sialoadenitis</li> <li>- auto immune diseases</li> <li>- tumor of salivary glands (pleomorphic, malignant tumor in general)</li> </ul>
1-hour	<b>The Oesophagus</b> <ul style="list-style-type: none"> <li>- anatomy</li> <li>- physiology (deglutition)</li> <li>- congenital (tracheo-esophageal fistula)</li> <li>- dysphagia (causes including Zenker's pouch, achalasia &amp; investigation)</li> <li>- gastro-esophageal reflux (pathophysiology, clinical presentation and management)</li> </ul>
1-hour	<b>The Neck</b> <ul style="list-style-type: none"> <li>- surgical anatomy of lymphatic drainage</li> <li>- neck masses (causes, investigation, treatment)</li> <li>- thyroglossal cysts, branchial cysts, TB, &amp; metastasis)</li> </ul>

CREDIT HOUR	TOPIC DESCRIPTIONS
2-hour	<p><b>The Pharynx</b></p> <ul style="list-style-type: none"> <li>- anatomy of the pharynx and deep spaces (retro and parapharyngeal)</li> <li>- physiology</li> <li>- adenoids</li> <li>- snoring and sleep apnea</li> <li>- acute infections of the oropharynx (acute tonsillitis, infectious mononucleosis, scarlet fever, diphtheria, Vincents angina, monoliasis, acute pharyngitis</li> <li>- complications of infections (quincy, para and retropharyngeal abscesses,</li> </ul>
2-hour	<ul style="list-style-type: none"> <li>Ludwig's angina</li> <li>- chronic pharyngitis and tonsillitis</li> </ul> <p><b>The Larynx</b></p> <ul style="list-style-type: none"> <li>- anatomy and physiology of the larynx</li> <li>- laryngeal paralysis (causes, clinical presentation and treatment</li> <li>- congenital diseases (laryngomalacia, web, subglottic hemangioma and stenosis(</li> <li>- acute infections (acute laryngitis, croup, epiglottis, diphtheria</li> <li>- benign swelling of the larynx (singer's nodules, polyp, intubation granuloma)</li> <li>- chronic specific and non-specific vertigo in some details)</li> <li>- investigation of a dizzy patient (in short)</li> </ul>