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ENT

Course Contents:

- 1. Anatomy and Physiology of Ear, Nose and Throat, Trachea and Oesophagus
- 2. The generation and reception of speech
- 3. Radiography anatomy of the ear, nose, throat and imaging
- 4. Bacteriology in relation to Otorhinolaryngology
- 5. Allergy and rhinitis
- 6. Haematology in relation to Otolaryngology
- 7. Anaesthesia for Otolaryngology
- 8. Pharmacology of drugs used in ENT
- 9. Electrolyte, fluid balance/shock conditions
- 10. Use of teaching aids
- 11. Routine blood, urine testing
- 12. Preparation of slides
- 13. Facial nerve stimulation test
- 14. Audiometric tests like pure tone Audiometry, Impedance Audiometry, Free field Audiometry, Specialized tests of hearing including SISI, Tone decay, ABLB, speech discrimination score, etc.
- 15. Vestibular tests like caloric testing (Water and Air) stopping test, Fukuda's test
- 16. Evoked responses audiometry.

Ear:

The physical and functional examination of the ear

- 1. The functional and physical examination of the vestibular system
- 2. Tinnitus
- 3. Congenital conditions of the middle ear
- 4. Traumatic conductive deafness
- 5. Acute inflammation of the middle ear cleft
- 6. Non-suppurative otitis media
- 7. Chronic suppurative otitis media
- 8. Management of chronic suppurative otitis media
- 9. Complications of infections of middle ear
- 10. Tumours of the middle ear cleft and temporal bone
- 11. Diseases of the otic capsule-otosclerosis
- 12. Diseases of the otic-capsule-other diseases
- 13. The deaf child
- 14. Acoustic neuroma
- 15. Ototoxicity
- 16. Presbycusis
- 17. Diagnosis and management of sudden and fluctuant sensorineural hearing loss
- 18. Meniere's disease
- 19. Neurologic aspects of vertigo
- 20. Facial paralysis
- 21. Rehabilitation of adults with acquired hearing loss- hearing aids
- 22. The cochlear Implants



- 23. Nystagmus
- 24. Otoacoustic emission

Nose:

- 1. Examination of the nose
- 2. Conditions of the external nose
- 3. Injuries of the facial skeleton
- 4. Congenital diseases of the nose
- 5. The nasal septum
- 6. Foreign bodies in the nose, rhinolith
- 7. Epistais
- 8. Acute chronic inflammations of the nasal cavities
- 9. Vasomotor rhinitis-allergic and non-allergic
- 10. Nasal polyposis
- 11. Adnormalities of smell
- 12. Acute sinusitis
- 13. Chronic sinusitis
- 14. Nasal allergy/Fungul allergic sinusitis
- 15. Complications of acute and chronic sinusitis
- 16. Tumours of nose and sinuses
- 17. Functional endoscopic sinus surgery (FESS)

Throat:

- 1. Methods of examination of the mouth and pharynx
- 2. Diseases of the mouth
- 3. Diseases of the salivary glands
- 4. Pharyngeal lesions associated with general diseases
- 5. Diseases of the tonsils and adenoids (excluding neoplasms)
- 6. Tumours of the pharynx
- 7. Hypopharyngeal diverticulum (pharyngeal Pouch)
- 8. Methods of examining and larynx and tracheobronchial tree
- 9. Congenital diseases of the larynx
- 10. Laryngeal disorder in singers and others voice users
- 11. Neurological affections of larynx and pharynx
- 12. Intubation of the larynx, laryngotomy and tracheostomy
- 13. Cervical node dissection
- 14. Skin grafts in Otolaryngology and reconstructive methods including regional and distant flaps for repair of defects after excision of tumours or trauma
- 15. Micro laryngeal surgery/thyroplasty

Miscellaneous and head and neck:

Cranial nerves

Raised intracranial tension-causes, diagnosis, management with particular reference to otitis hydrocephalus

- 3. Head injuries and I.C. haemorrhage
- 4. Pituitary glands, anatomy, physiology hypo- and hyper- pituitarism, new growths
- 5. Intracranial venous sinuses and their affections



- 6. Osteology; skull, mandible cervical and thoracic vertebral sternum
- 7. Cervical fascia, facial spaces in neck, retro-pharyngeal and parapharyngeal Abscesses
- 8. Anatomy and physiology of thyroid gland, goiter, diseases of the thyroid and carcinoma of thyroid
- Large blood vessel in neck, thoracic duck development of major cervical and thoracic blood vessel
- 10. Head and neck reconstruction surgery

Drugs used in ENT:

- 1. Antibiotics Antihistaminic
- 2. Nasal vasoconstrictors
- 3. Cyto-toxic Agents
- 4. Antibiotics
- 5. Radioactive isotopes
- 6. Antifungul agents
- 7. Vasopressive and other agents used in shock like states

General:

- 1. Physiology of circulation, regulation of blood pressure, reaction of body to haemorrhage, patho-physiology of shock, fluid balance, blood transfusion and its hazards, fluids replacements therapy, burns
- 2. Agents used in shock like states

Desirable:

- 1. The ears and nasal sinsuses in the aerospace environment
- 2. Physiological consideration of pressure effects on the ear and sinsuses in deep water diving
- 3. The principles of cancer immunology with particular references to head and neck cancer
- 4. Principles of chemotherapy in head and neck cancer
- 5. Recording of nystagmus of ENG and its interpretation

Ear:

- 1. Traumatic lesions of the inner ear
- 2. Inflammatory lesions of the vestibular and auditory nerve
- 3. Vascular lesions of the inner ear
- 4. Skull base/Neurologic Surgery

Nose:

- 1. Cosmetic surgery of the nose
- 2. Non-healing granuloma of the nose
- 3. Surgery of the pterygopalatine fossa
- 4. LASER surgery

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Throat:

- 1. Oesophageal conditions in the practice of ear, nose and throat surgery
- 2. Disorders of speech
- 3. Lower respiratory conditions in Otolaryngology

Miscellaneous and head and neck:

- 1. Anatomy of mediastinum
- 2. Pleura, plural cavity, broncho-pulmonary segments and their clinical importance
- 3. Facial plastic surgery

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