

Tutorial

1. *Orientation*

Orientation with the course and the exams

Symptomology: Deafness, otorrhea, earache, tinnitus & vertigo

Nasal obstruction, smell abnormalities, nasal obstruction

Dysphagia, hoarseness, snoring & stridor

ENT & neck physical examination

2. *Auditory Investigation & Vestibular Analysis*

Mechanism of hearing and balance

Tuning fork tests

PTA

Tympanometry & impedance

Other audiological tests in brief: speech, ABR

Vestibular tests: Romberg, rotation chair, caloric and ENG.

3. *Airway obstruction*

Causes of airway obstruction

Signs and symptoms of airway obstruction

Investigations

Tracheostomy, cricothyroidectomy and intubation (indications, technique & complications)

??? Sleep apnea

4. *Communication Disorders*

Delayed speech

Articulation problems (rhinolalia)

Stroboscopy

Voice therapy

5. *ORL Tumor*

Tumor of the ears (BSC & SCC of the auricle in brief, Exostosis and osteoma, Acoustic neuroma)

Tumor of the nose (BSC, Rhinophyma, papilloma vestibule, inverted papilloma, osteoma & SCC)

Tumor of the pharynx (Angiofibroma, Carcinoma nasopharynx, SCC of oropharynx, lymphoma tonsils)

Tumor of the esophagus (SCC and adenocarcinoma)

Tumor salivary gland (pleomorphic and malignant tumor in general)

Tumor of the larynx (single and multiple papillomatosis, SCC)

6. *Trauma & Foreign Bodies*

Trauma auricle (laceration & hematoma)

Traumatic perforation of tympanic membrane

F. B ear

Fracture temporal bone

Fracture nasal bone

Other trauma (septal hematoma, epistaxis, CSF rhinorrhea)

F.B nose
Blow out fracture
Trauma to sinuses in brief

FB pharynx and esophages
Perforation of esophagus

Trauma to larynx in brief
FB tracheobronchial tree in details

7. Radiology

X rays nasal bones: normal & fracture
Plain X rays sinuses (three views): normal & sinusitis
CT sinuses (normal, sinusitis, fungal sinusitis, complications of sinusitis, benign and malignant tumor)
Blow out fracture

Plain X ray & CT pharynx (normal, choanal atresia, adenoid, FB, angiofibroma, SCC, para and retropharyngeal abscess)

Plain X rays larynx (epiglottitis, croup)
??Normal CT larynx in brief
Tracheobronchial tree FBs

Plain X ray esophagus (FBs)
Barium swallow (normal, tumors, stricture, pouch, achalasia)

Plain X ray salivary gland (stones)
Sialogram in brief
CT in brief

CT temporal bone (complications of otitis media, fracture temporal bone & acoustic neuroma)
MRI (acoustic neuroma)

8. ORL surgical procedures

Myringotomy & VTs insertion
Tympanoplasty
Mastoidectomy
Septoplasty & Rhinoplasty
Turbinectomy, SMD & cautery
Sinus washout, Caldwell Luc's, trephine, FESS.
Endoscopy (laryngoscopy, bronchoscopy & esophagescopy)
Adenotonsillectomy