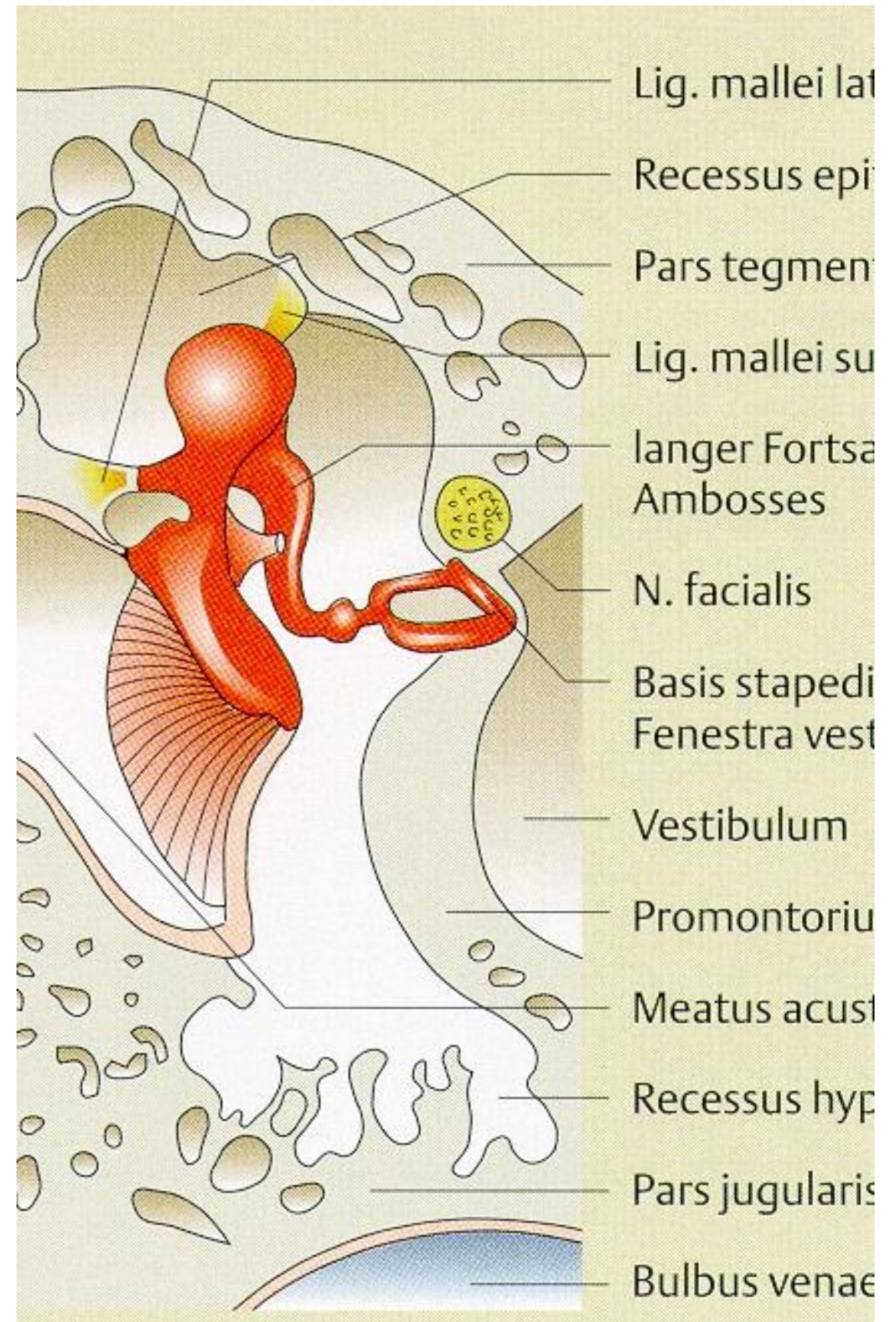


Ear III

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middle Ear

- Eustachian (Pharyngo-tympanic) Tube
- Tympanum (Middle Ear Cavity):
 - **Ossicles**
 - malleus, incus, and stapes.
 - **Muscles**
 - Stapedius muscle and Tensor tympani
 - **Nerves**
 - Facial nerve
- Mastoid Antrum and Air Cells



Otitis media

Chronic Vs. Acute

acute Otitis media

- Stages:
 - I: Tubal occlusion
 - II: presuppurative
 - III: Suppuration
 - IV: Resolution/complications



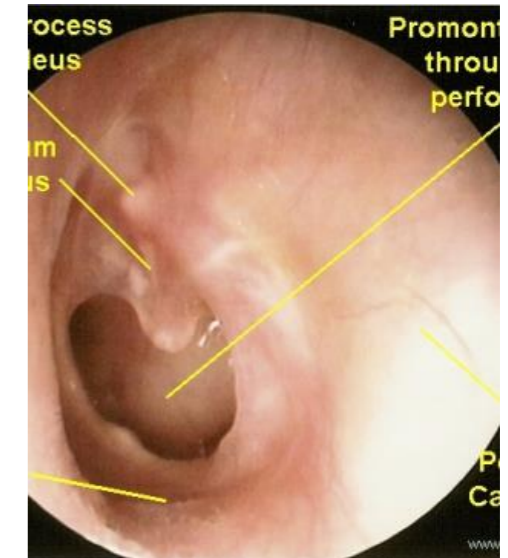
chronic otitis media: Otitis media with effusion and Adhesive otitis media

- glue ear or secretory otitis media (SOM)
- dysfunction of the Eustachian tube
- Management :
 - medical: Decongestants, Nasal corticosteroid sprays, OTOVENT
 - Surgical: myringotomy +/- tube, balloon dilation of the Eustachian tube

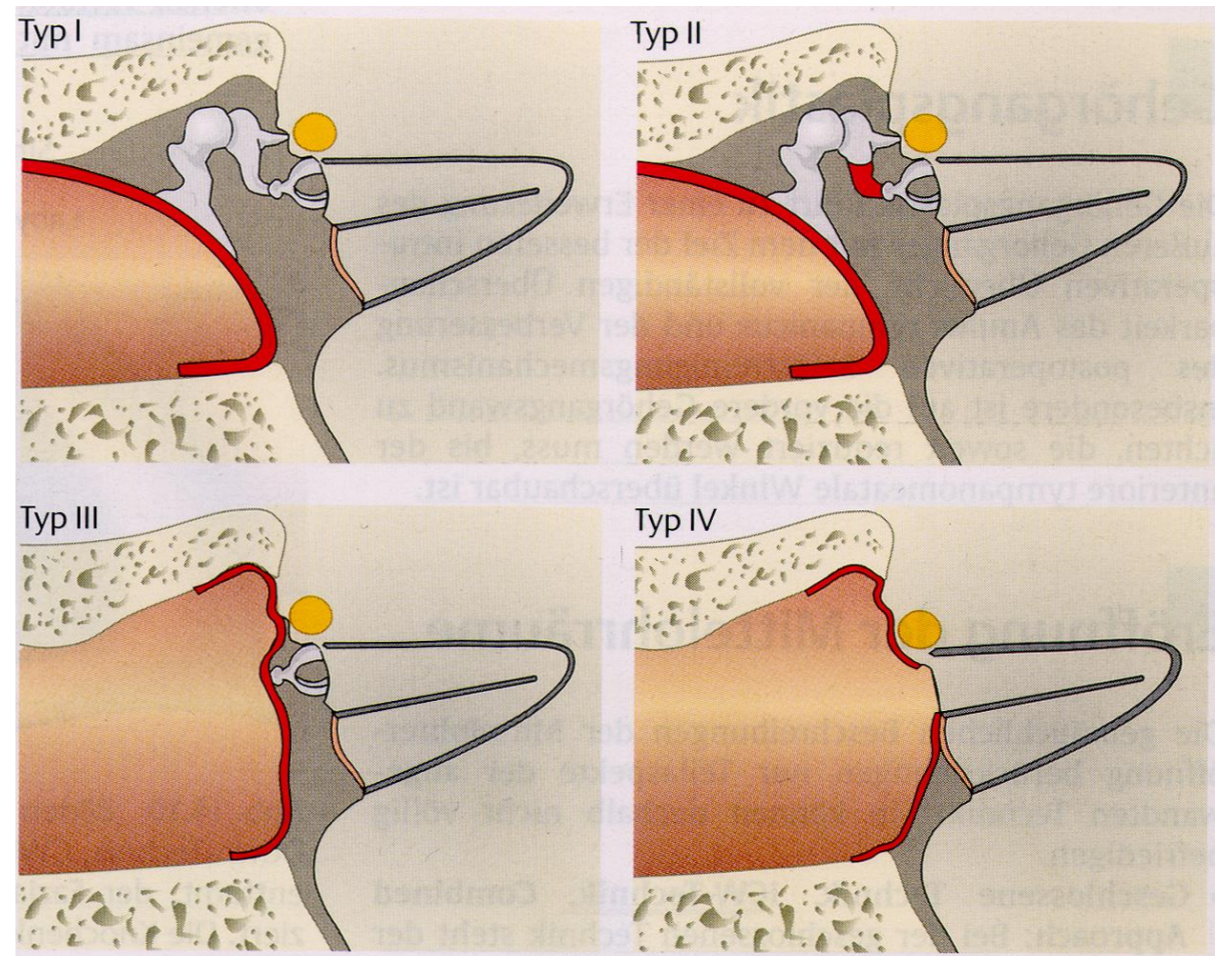
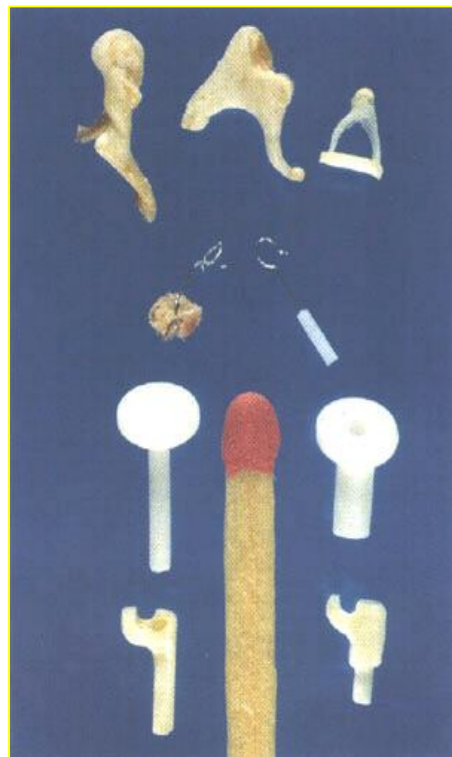


chronic suppurative otitis media

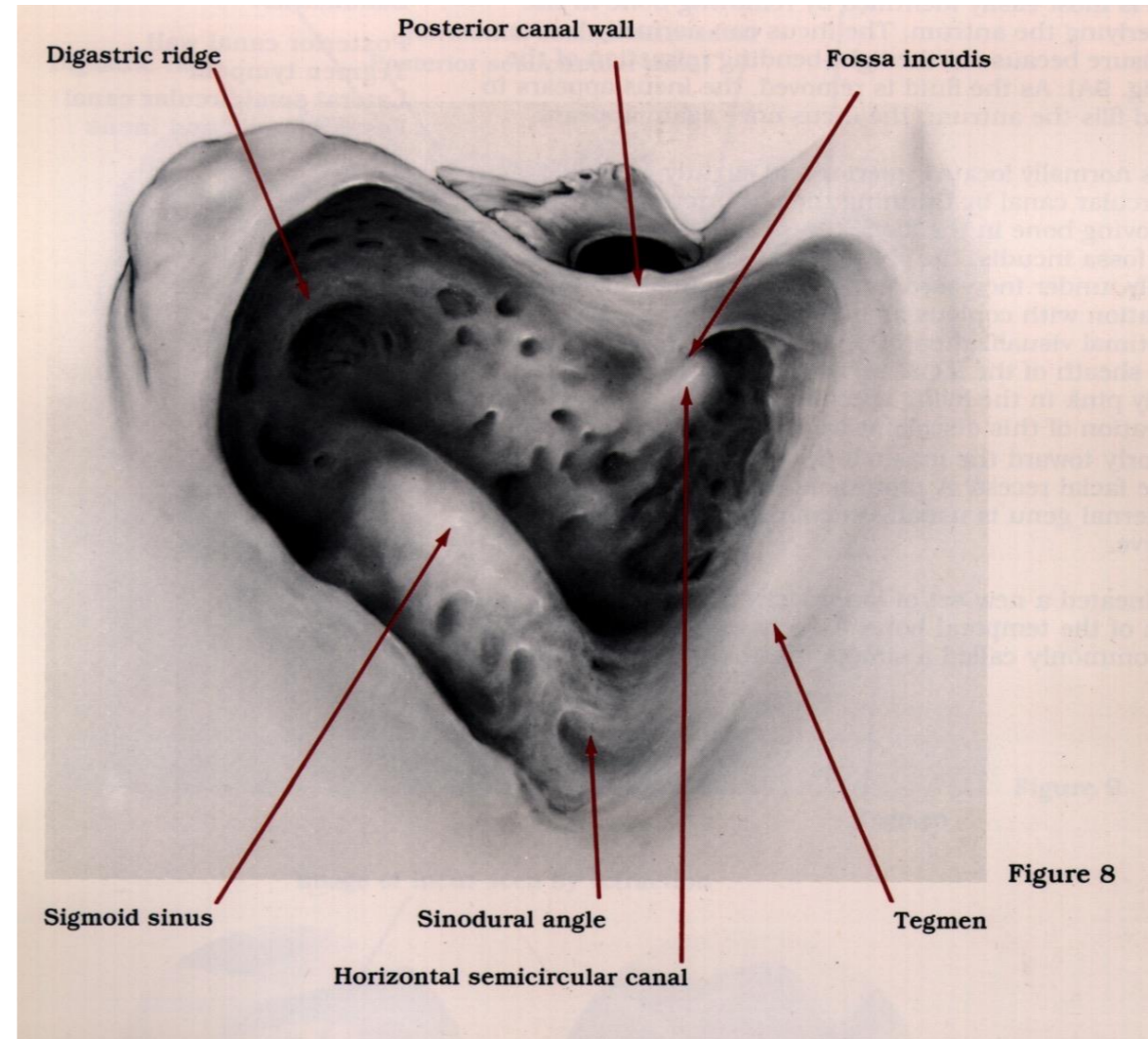
- Safe Vs. Unsafe (Cholesteatoma)
- Management is Surgery in form of:
 - a. Tympanoplasty
 - b. Mastoidectomy
 - c. Tympanomastoidectomy



Tympanoplasty



Mastoidectomy



Investigations in chronic otitis media

1. Audiology: PTA, tympanogram, acoustic reflex
2. Radiology: CT, MRI