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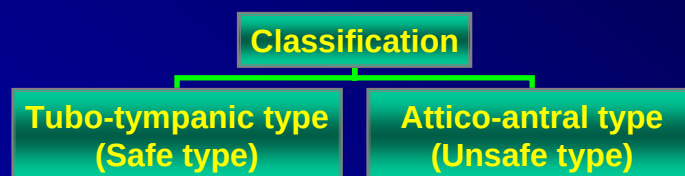


**Chronic Suppurative
Otitis Media**

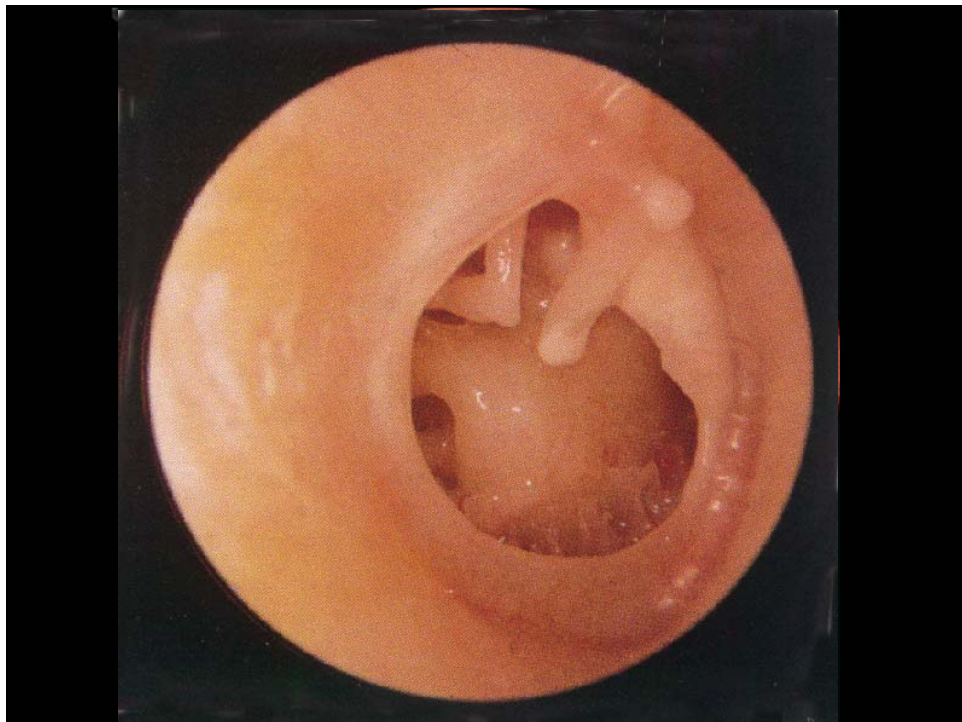
Definition

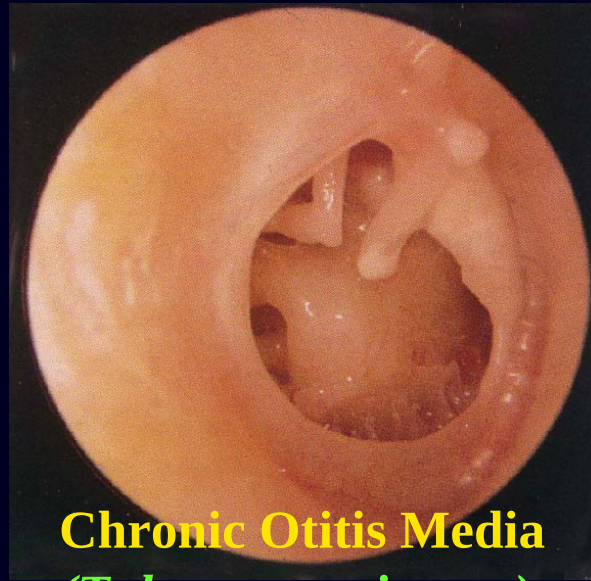
Inflammatory changes of the mucoperiosteal lining of the middle ear cleft of insidious onset and protracted course, characterized by development of **irreversible** tissue pathology.

Chronic Suppurative Otitis Media

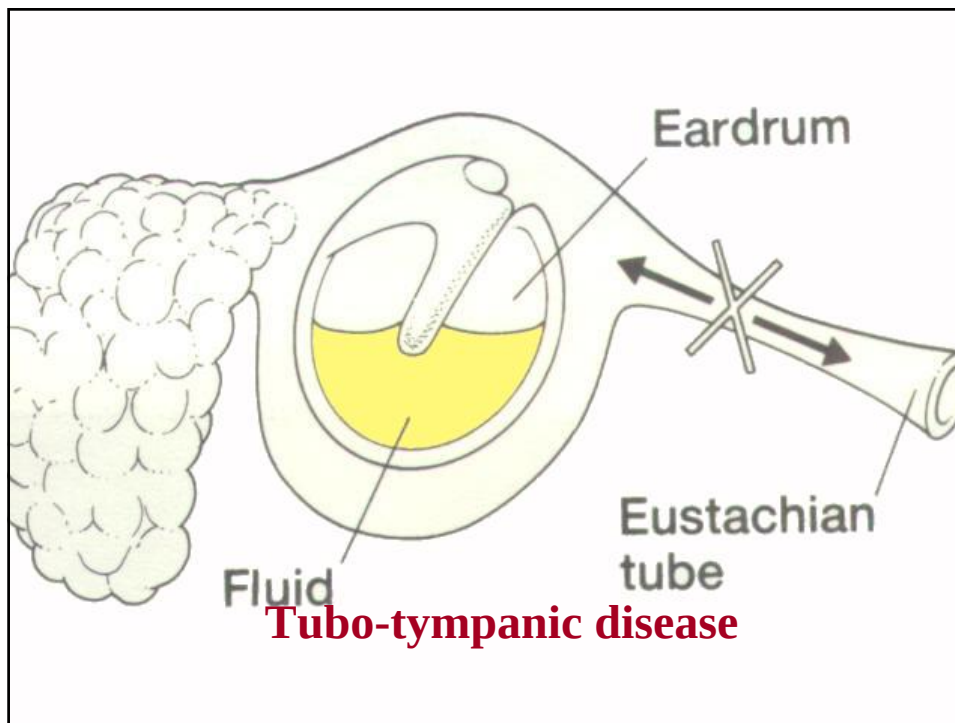




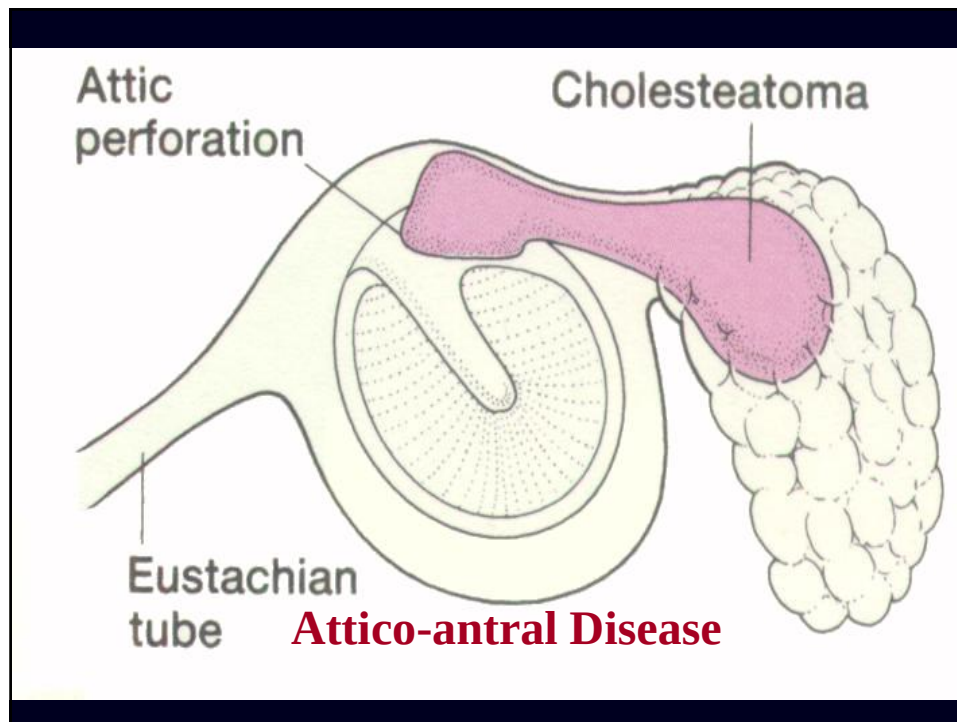




Chronic Otitis Media
(Tubo-tympanic type)



Tubo-tympanic disease



Chronic Suppurative Otitis Media

- Safe Type (Tubo-tympanic)
- Unsafe Type (Attico-antral)

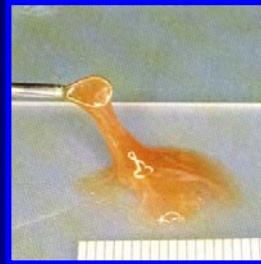
Cholesteatoma

Symptoms

Tubotympanic Disease

- **Otorrhoea**

Muco-purulent, odourless, profuse and intermittent.



- **Deafness**

Mild to moderate; conductive HL.

Otoscopy

Tubotympanic Disease

- **Perforation**

Central, in pars tensa.

- **Cholesteatoma/granulations**

Absent.

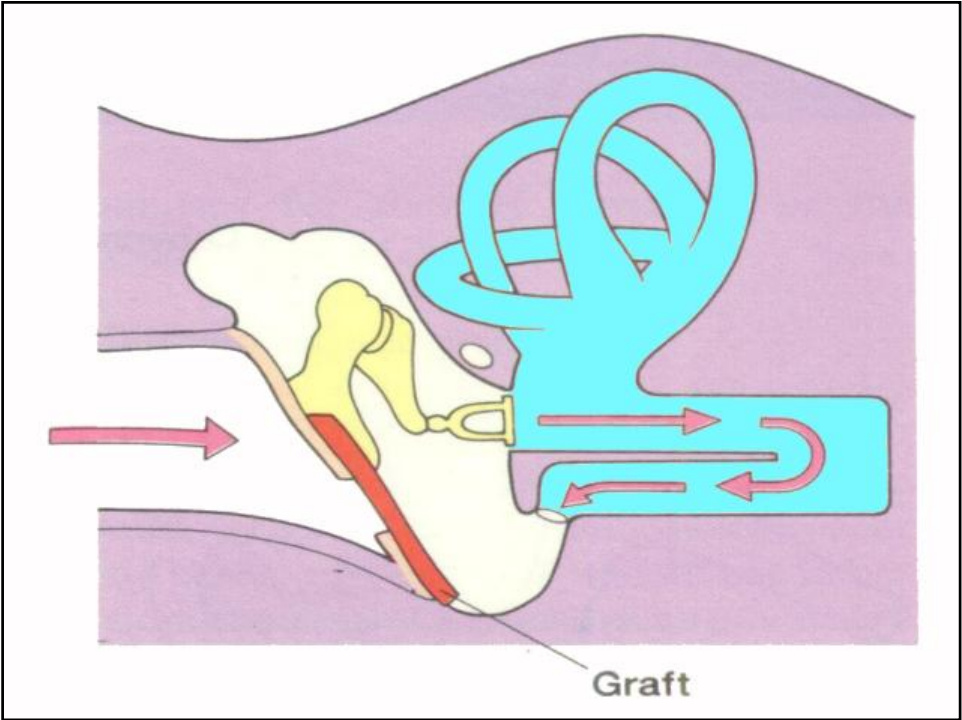
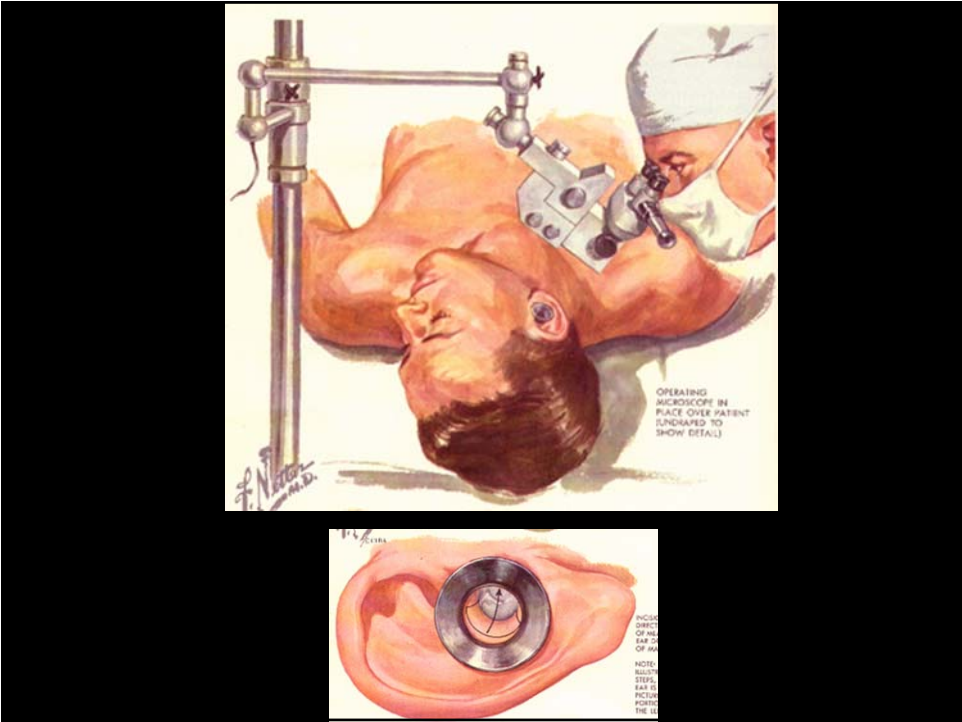


Investigations

- X rays
 - Cellular mastoid.
- C&S
 - Gram +ve organisms.

Treatment

- Medical Treatment
 - Antibiotherapy according to C&S.
- Chemical cautery of perforation margins.
- Myringoplasty.
- Tympanoplasty
 - Myringoplasty+ossiculoplasty



Chronic Suppurative Otitis Media

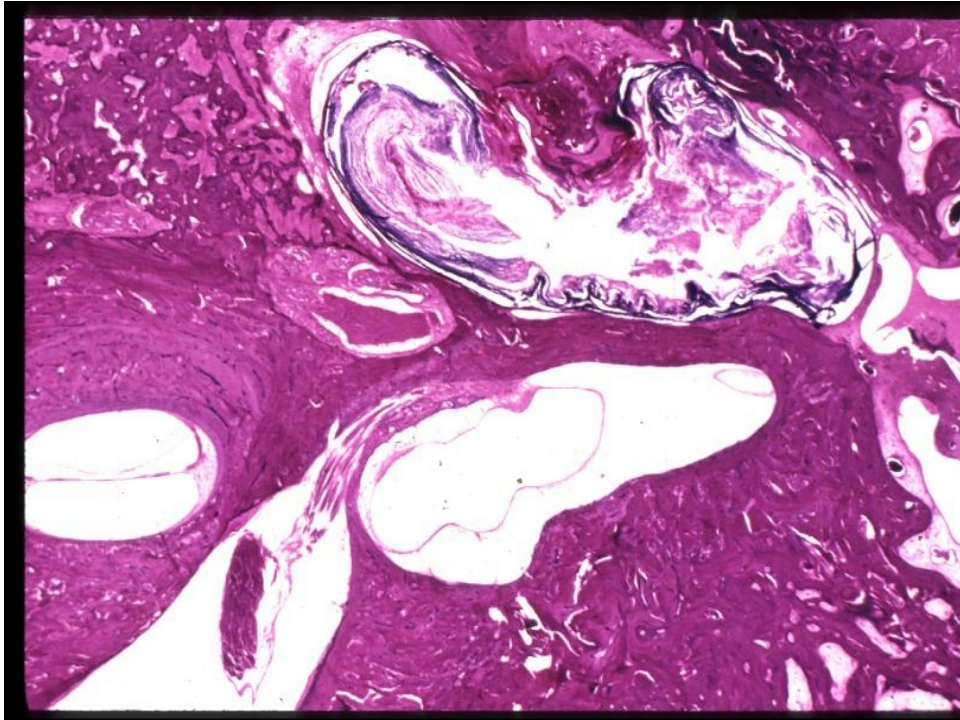
- Safe Type (Tubo-tympanic)
- Unsafe Type (Attico-antral)

Cholesteatoma

CHOLESTEATOMA

Definition:

Cholesteatoma is a destructive and expanding keratinizing squamous epithelium in the middle ear and/or mastoid process.



How can the skin reach the middle ear?

- Congenital
- Retraction of the drum (Retraction pocket)
- Migration through a marginal perforation



Symptoms

Atticoantral Disease

- **Otorrhoea**
purulent, foetid, scanty
and continuous.
- **Deafness**
Moderate to severe; conductive or mixed.



Chronic Otitis Media

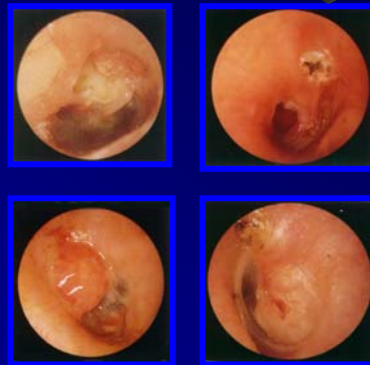
Is not a painful condition



Otoscopy

Atticoantral Disease

- **Perforation**
Attic, or marginal
(usually posterosuperior).
- **Granulations**
Common, red and fleshy,
usually posterosuperior.
- **Cholesteatoma**
Attic or posterosuperior.



Investigations

Atticoantral Disease

- **Xrays**
Acellular mastoid, filling defect (cholesteatoma shadow).
- **C&S**
Gram -ve organisms.

Treatment

Always surgical

Atticoantral Disease

Tympano-mastoidectomy =
Tympanoplasty+mastoidectomy

