



FOUNDATION OF MEDICINE MODULE

Phase 1 / Semester 1

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Lecture: 10

Lecturer Dr. Muthanna Saleem

F.A.B.H.S Otolaryngology

mothsal@yahoo.com



The Ear

Terminology



The ear

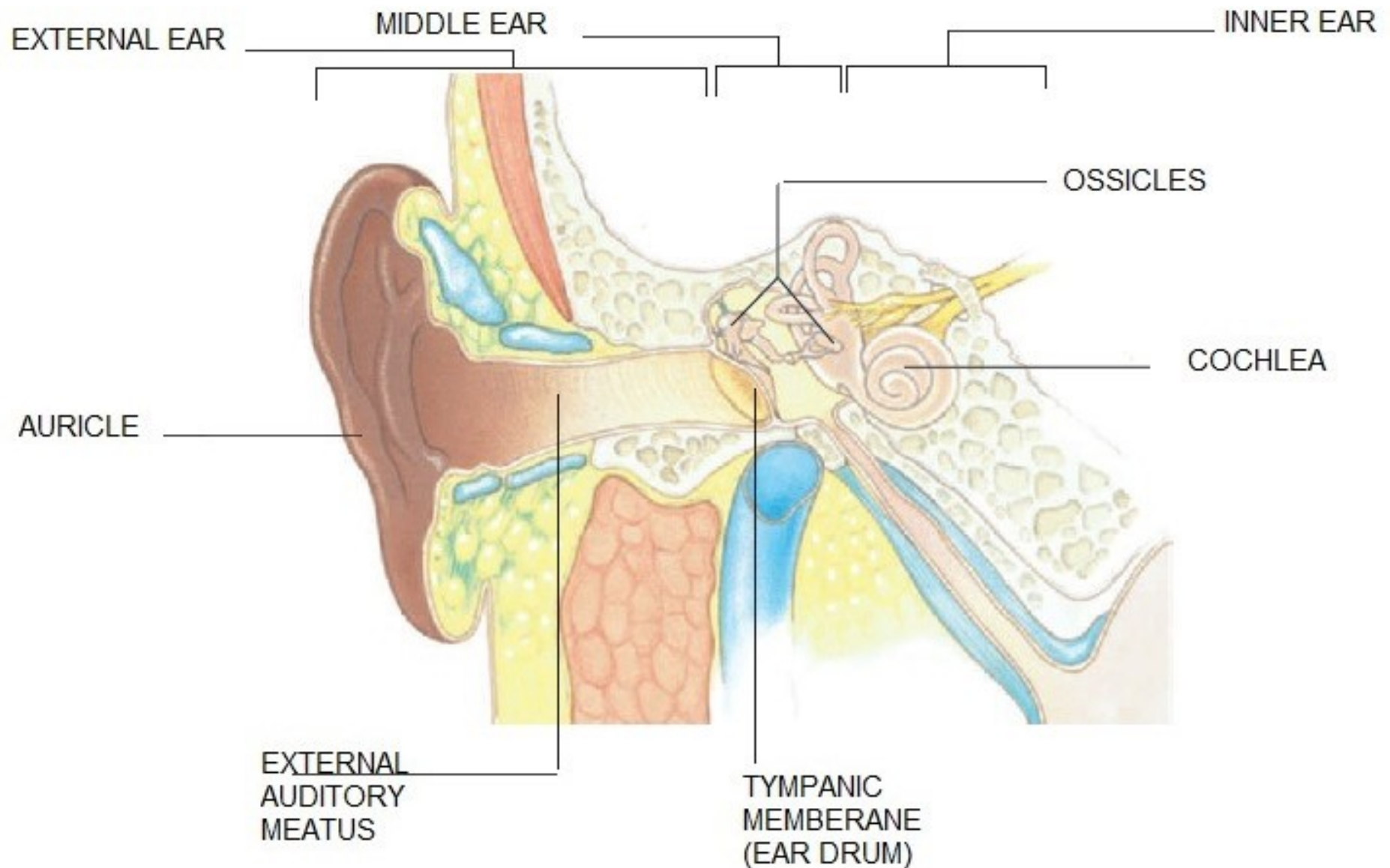


1- External ear

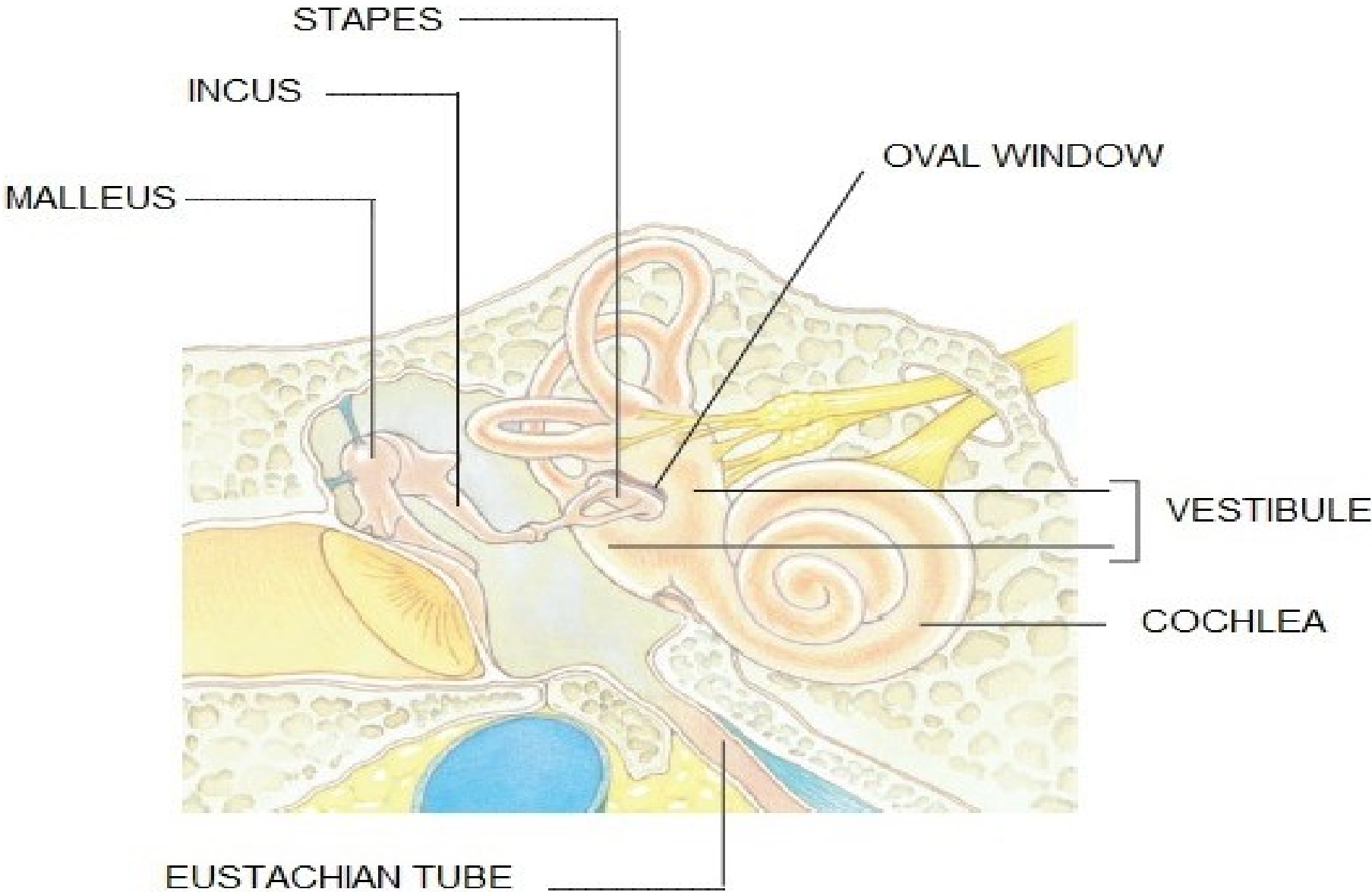
2-Middle ear

3-Inner ear

The ear



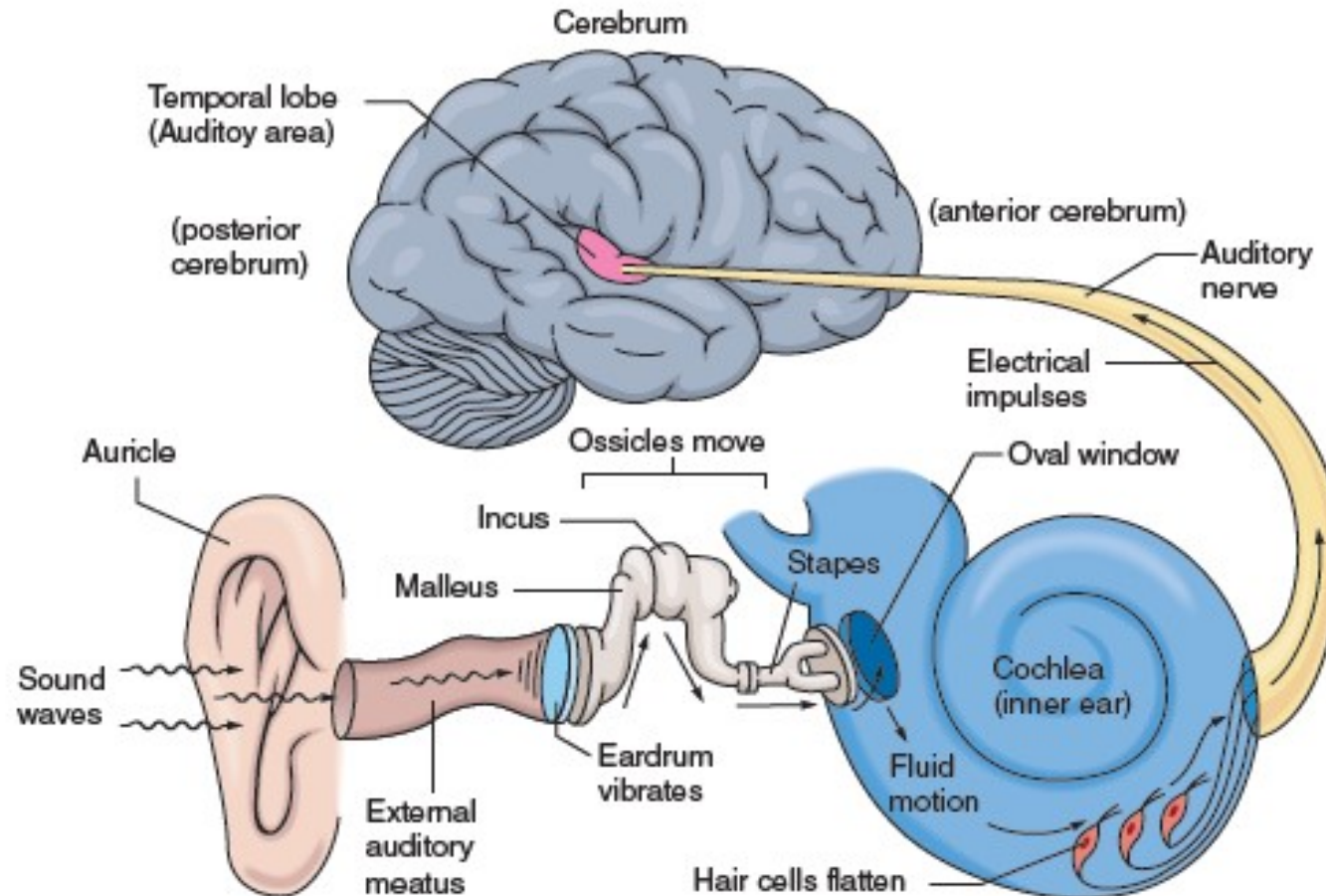
Middle ear



Auditory path

In Brief

Path that sound travels → pinna or auricle → external auditory meatus → tympanic membrane → ossicles (malleus, incus, stapes) → cochlea → auditory nerve → brain





Root

audit/o

aur/o

ot/o

labyrinth/o

tympan/o

meaning

hearing

ear

ear

inner ear; labyrinth

tympanic membrane

Suffix

-cysis

Meaning

hearing



Auditory or aural : things that are related to the ear

Labyrinthitis : inflammation of the inner ear

Otalgia : pain in the ear (ear ache)

Otitis media : inflammation of the middle ear

Presbycusis : diminished hearing due to old age.



Deafness



1-**Conductive** deafness :

Eg : a buildup of earwax or a foreign body

2-**sensorineural** (sen-seh-ree-NOOR-al) deafness.



vertigo (VER-tih-goh) : sensation of rotation

tinnitus (TIN-ih-tuss). ringing in the ears

Nystagmus (niss-TAG-muss), an involuntary, rapid, rhythmic movement of the eyeball



Thank you