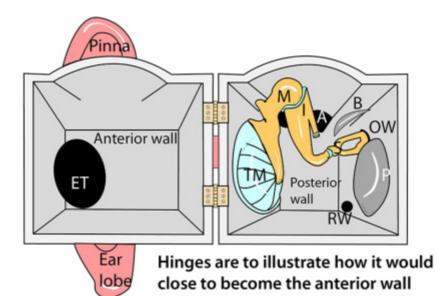


Auditory tube opens on swallowing to equalise pressure 3.5cm long. 1/3 bone, 2/3 cartilage 30 degrees downwards, 45 degrees anterior & medially Tubal tonsil at exit. Mucosa valvelike Ns: Vb(pharyngeal br) external end. IX internal end

MIDDLE EAR - RIGHT SIDE LOOKING POSTERIORLY



ET = Eustachian tube

M = Malleus

P = Promontory (last turn of cochlea)

RW = Round window

TM = Tympanic membrane

B = Bony bulge of lateral semicircular canal

M = Malleus

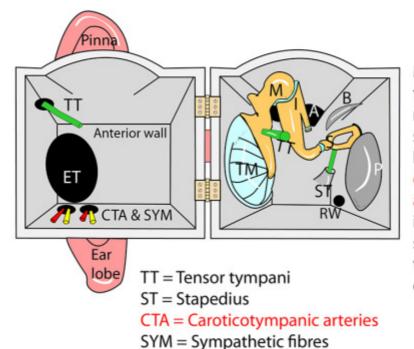
I = Incus

A = Aditus to mastoid air sinus

S = Stapes

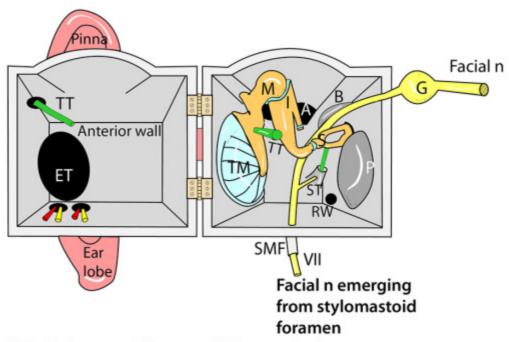
OW = Oval window

MIDDLE EAR - RIGHT SIDE LOOKING POSTERIORLY



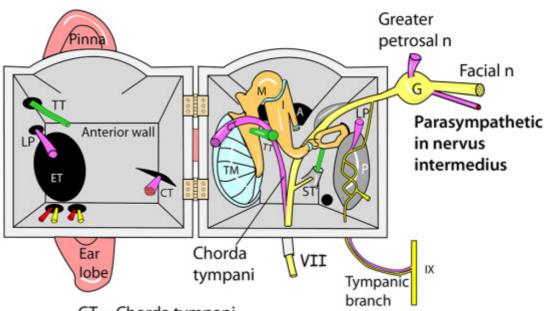
Mucosa covers all the walls of the middle ear & is supplied by IX & a little VII. The carotico-tympanic arteries (CTA) bring in blood supply & sympathetics for the tympanic plexus on the promontory

MIDDLE EAR - RIGHT SIDE LOOKING POSTERIORLY



SMF = Stylomastoid foramen (VII emerging) G = Geniculate ganglion

MIDDLE EAR - RIGHT SIDE LOOKING POSTERIORLY



CT = Chorda tympani

G = Geniculate ganglion

LP = lesser petrosal n

P = Promontory (last turn of cochlea)