

- hold otoscope upside down

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Voice Test

- place one finger on tragus & rapidly pushing it in and out of the auditory meatus, shield your lips, with your head 1 to 2 ft from persons ear, exhale & whisper slowly a set of 3 random numbers & letters "5, B, 6"
- normally person can repeat all 3
- person unable to hear & repeat correctly, high-tone loss

Tuning Fork Tests

- measure hearing by air conduction or bone conduction in which the sound vibrates through the cranial bones to the inner ear
- ac route is usually the more sensitive route
- inaccurate & don't yield precise or reliable data

Otitis externa: "swimmers ear", infection of outer ear, discharge, pain of pinna & tragus, canal becomes waterlogged and swells (severe swelling of canal, inflammation, tenderness)

Acute (purulent) otitis media: middle ear fluid is infected, TM is red & bulging (deep throbbing pain, fever, & transient hearing loss)

- middle ear infection most common illnesses in children
- dark honey, sticky, wet wax = whites
- dry flaky wax = asians, native americans
- hearing loss = white men