

Class Preparation Ear

Hearing Diagnostic Tests How are these tests performed? What is considered normal?	
Whisper Test	Weber Test
Stand behind pt Pt covers one ear Whisper a word, have pt repeat word back Correct = normal Wrong word 3/6 times = failed	Strike tuning fork Place on midline of patient's forehead Assess if sound is louder in one ear than the other Normal = if heard equally in both ears Heard louder in one ear = hearing loss

- What is the correct way to instill eardrops?

Wash hands

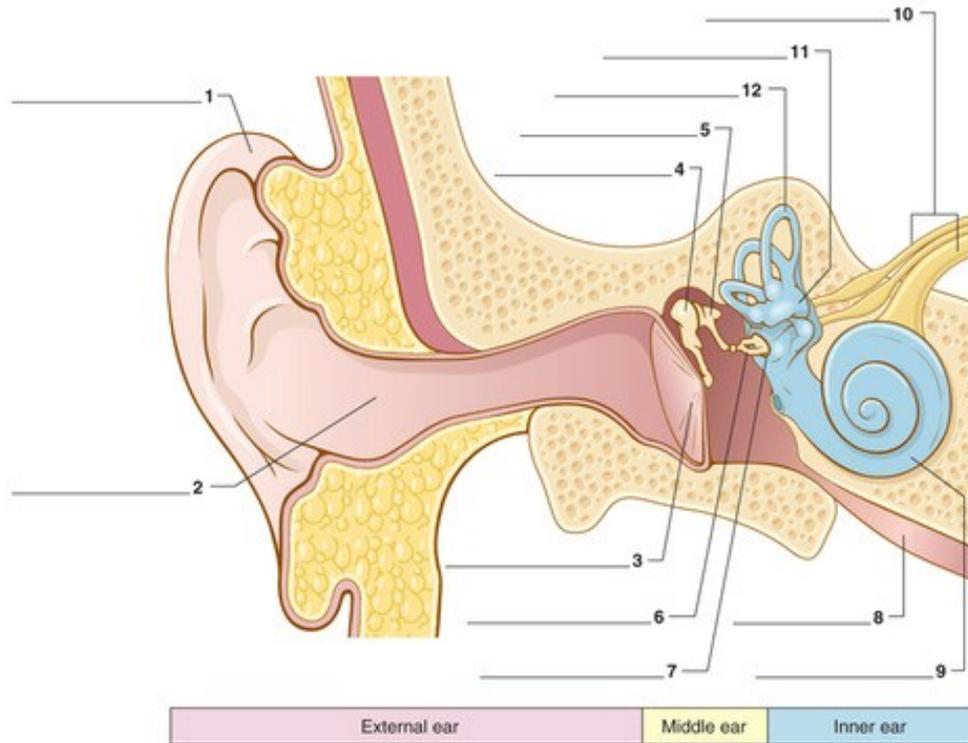
Patient sidelying

Pull pinna up and back, hold dropper above canal – don't touch ear

Wait 5 minutes

Press on tragus

- Label the parts of the ear:



1. Pinna
2. External auditory canal
3. Eardrum/tympanic membrane
4. Malleus
5. Incus
6. Stapes/ stirrups
7. Fenestra Cochlea
8. Eustachian Tube
9. Cochlea
10. Auditory nerve
11. Vestibule
12. Semicircular canals

- What are signs & symptoms of Meniere's Disease? How is it treated?

S&Sx: Hearing + balance, vertigo, tinnitus, ear pressure

Tx: Acute – Antihistamines, Anticholinergics, Benzodiazepines, Antiemetics + bedrest, reduce stim

Diuretics + low Na⁺, caffeine, alcohol diet

Surgery – decompression of endolymphatic sac, vestibular nerve resection, labyrinthectomy