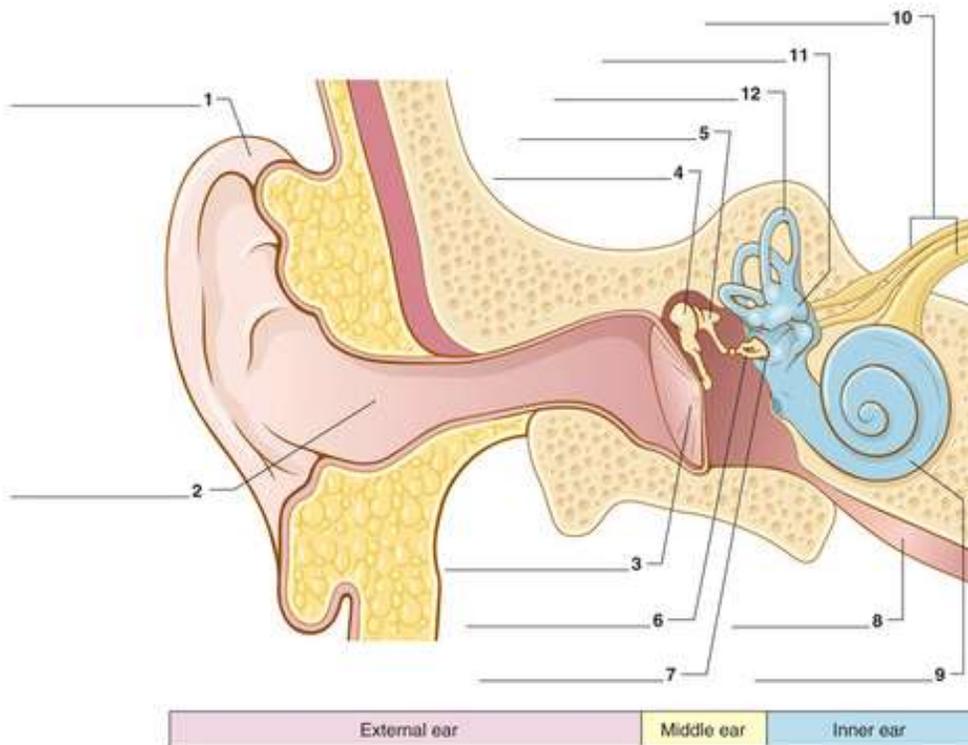


Class Preparation Ear

Hearing Diagnostic Tests	
How are these tests performed? What is considered normal?	
Whisper Test	Weber Test
Stand 2 feet away & have pt cover one ear then whisper a series of letter & number. Used to detect hearing loss. Should be able to hear the letters & numbers.	Place tuning fork on head and should hear it equally in both ears. Sensorineural loss = sound is louder in unaffected ear Conductive loss = sound is louder in affected ear

- **What is the correct way to instill eardrops?** Have them lie on unaffected side, straighten ear canal (pull back pinna), stay on side of 2-10 minutes.

Label the parts of the ear: 1: pinna, 2: external auditory canal, 3: tympanic membrane, 4: malleus, 5: incus, 6: stapes, 7: oval window, 8: eustachian, 9: cochlea, 10: auditory nerve, 11: vestibular labyrinth, 12: semicircular canal



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

Vertigo, tinnitus, ear pressure.

Acute: antihistamines, anticholinergics, benzos, antiemetics.

Management: diuretics, antihistamines, low Na diet, decrease caffeine & ETOH.

Surgical decompression of endolymphatic sac w/ fluid shunting, vestibular nerve resection, labyrinthectomy