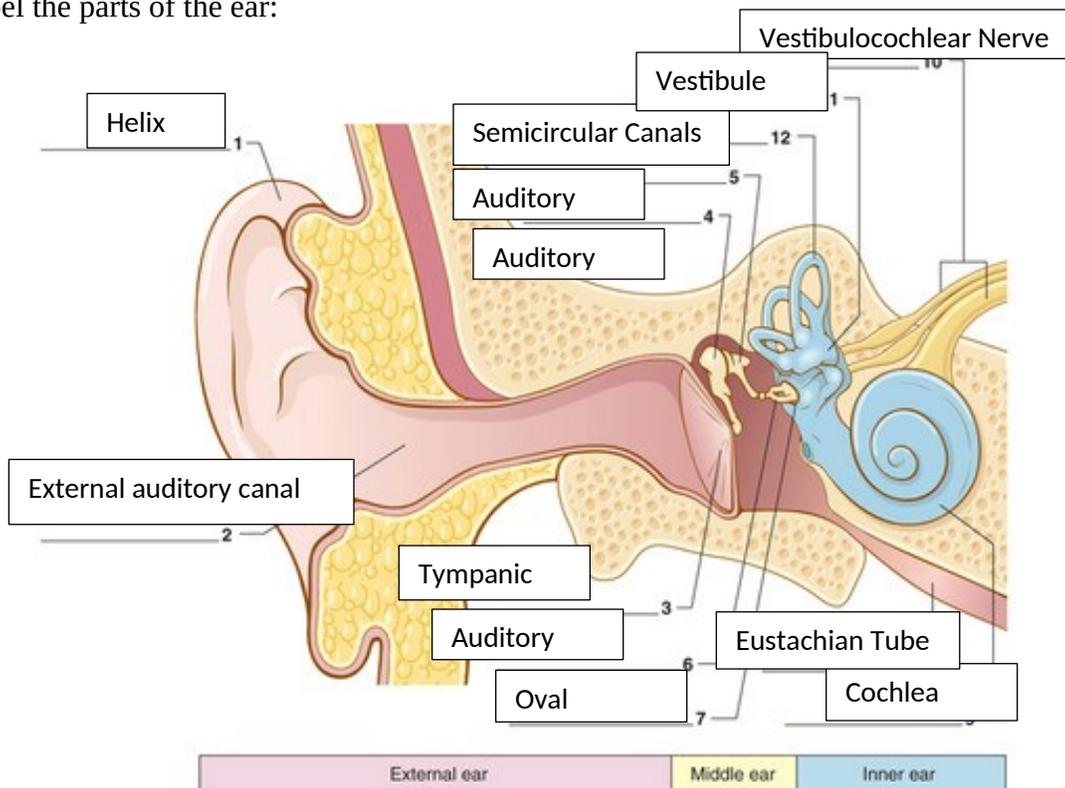


**Class Preparation**  
**Ear**

Hearing Diagnostic Tests	
How are these tests performed? What is considered normal?	
Whisper Test	Weber Test
<p>Standing about two feet behind the patient, have them hold their hand to one ear and rub the tragus, and whisper three letters and numbers. Ask them to repeat the letters and numbers and repeat for the other ear.</p> <p>Normal would be the ability to hear and correctly repeat 80% or more of the whispered words or numbers.</p>	<p>You would strike a tuning fork and place it on the midline of the patients forehead, ask them to alert where the sound is heard the loudest to differentiate between conductive and sensorineural hearing loss.</p> <p>Normal would be the patient able to hear the vibrating tuning fork in both ears equally, without any lateralization.</p>

- What is the correct way to instill eardrops?
  - 1) Warm the bottle in between hands
  - 2) Lie down with the affected ear facing up to the ceiling
  - 3) Grasp the area above the ear lobe gently and pull back
  - 4) Place the recommended number of drops into the ear canal and massage the tragus to ensure drops travel down the canal
  - 5) Lie in the same position for a few minutes
- Label the parts of the ear:



- What are signs & symptoms of Meniere's Disease? How is it treated?
  - Signs and symptoms include reoccurring episodes of vertigo, tinnitus, pressure in the ear, hearing loss, and feeling of "fullness" in the ear, as well as balance difficulties
  - Treatments include a low salt diet, reducing caffeine and alcohol, diuretics, antivertigo, antiemetics, middle ear injections, and in severe cases surgery can be done to relieve pressure to the inner ear
    - Labyrinthectomy