

Human Ear

Click to see the parts of the ear

Outer Ear

Middle Ear

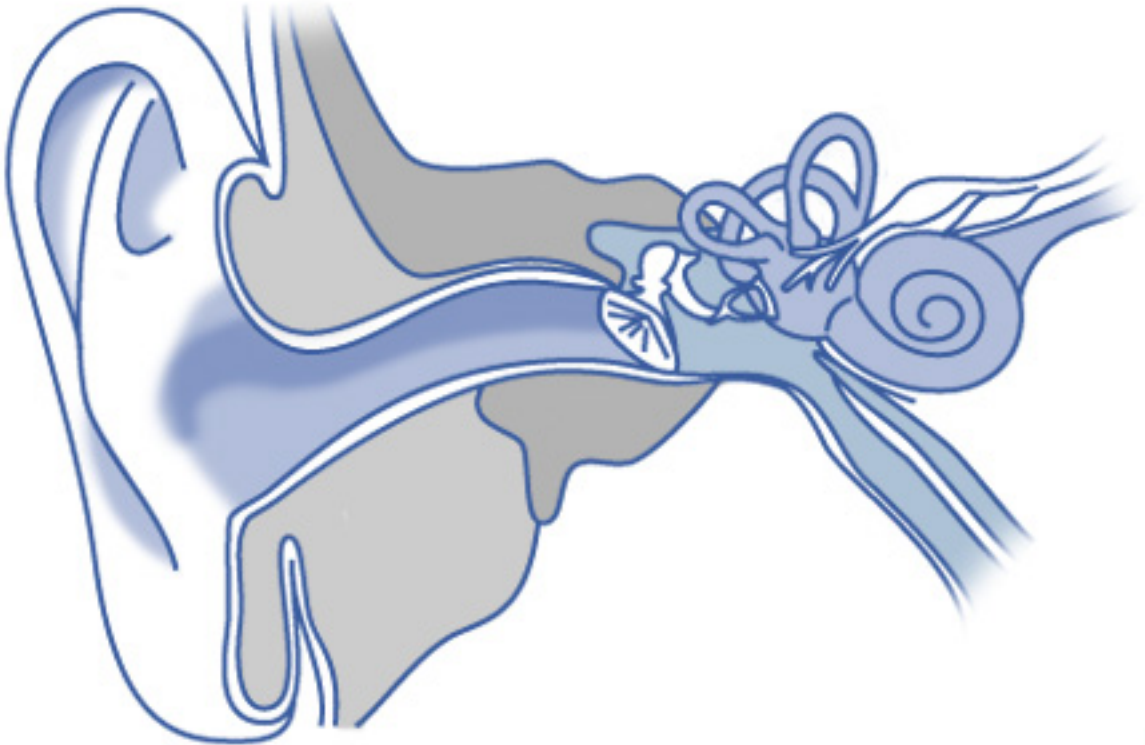
Inner Ear

Ear Drum

Ossicle

Auditory Nerve

The **OUTER EAR** acts like a funnel to direct sound waves from the air to the tympanic membranes (eardrum). Sound causes the tympanic membrane to vibrate. These vibrations cause the three bones in the **MIDDLE EAR** (ossicle) to move mechanically. The middle ear sends these mechanical vibrations to the **INNER EAR** where they're picked up by tiny hair cells (cilia) and sent as electrical impulses along the auditory nerve to the brain.



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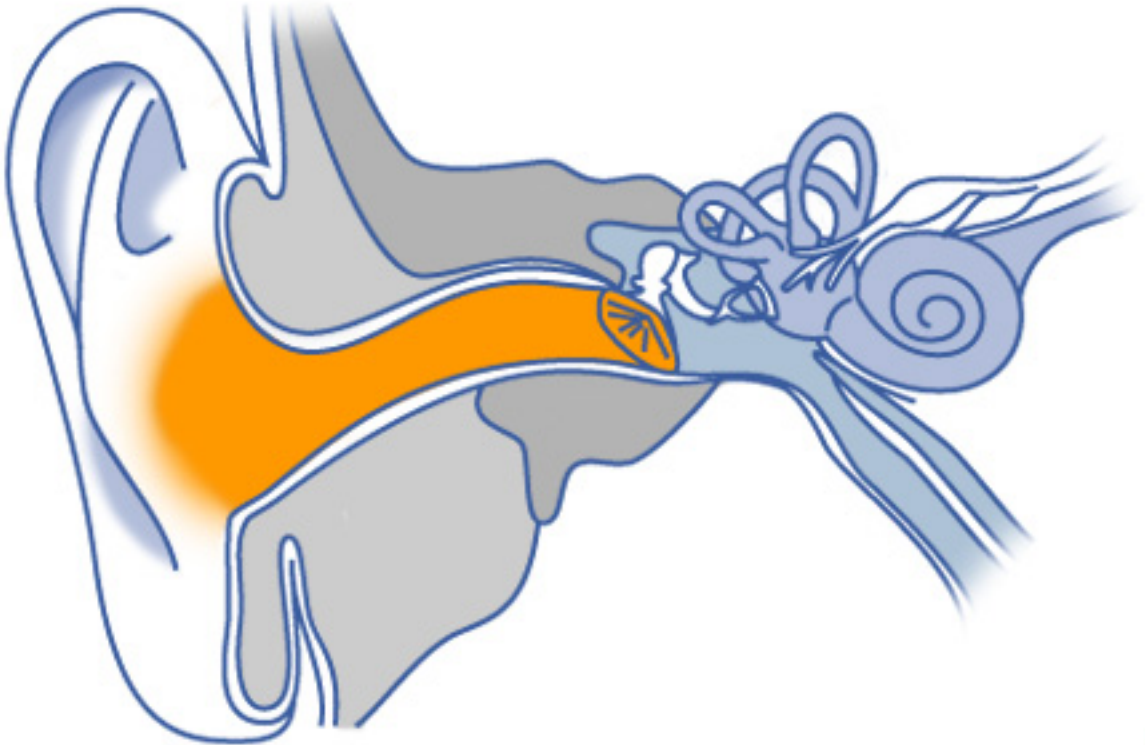
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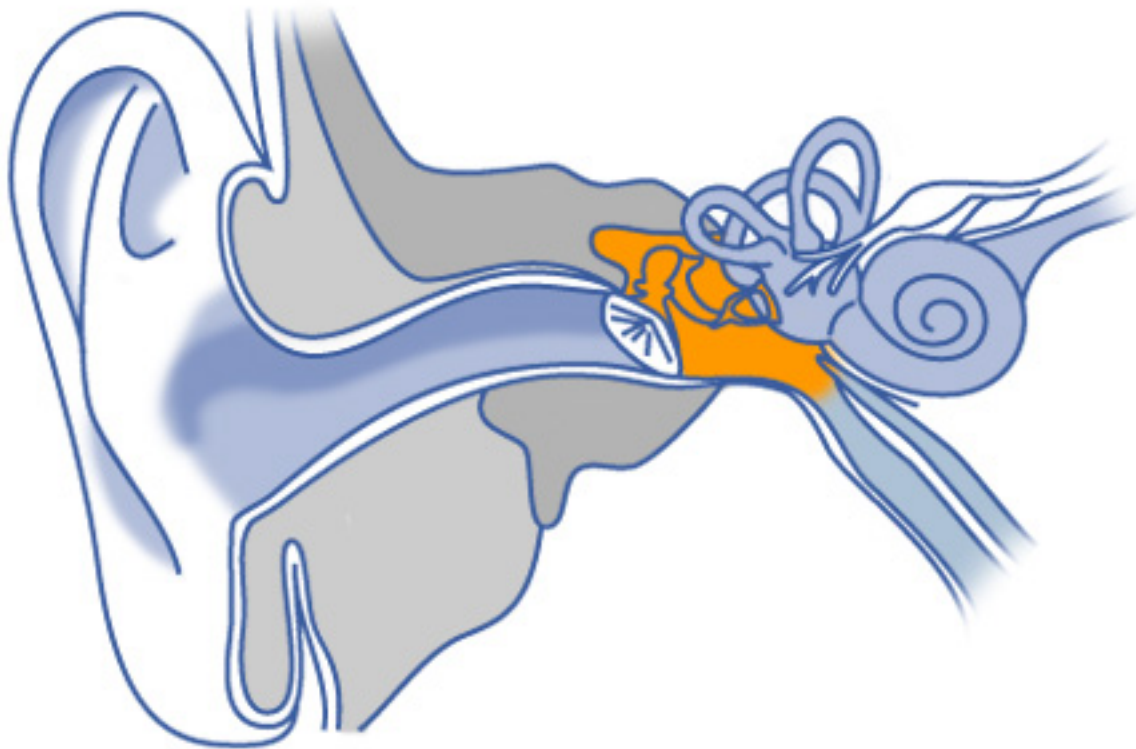
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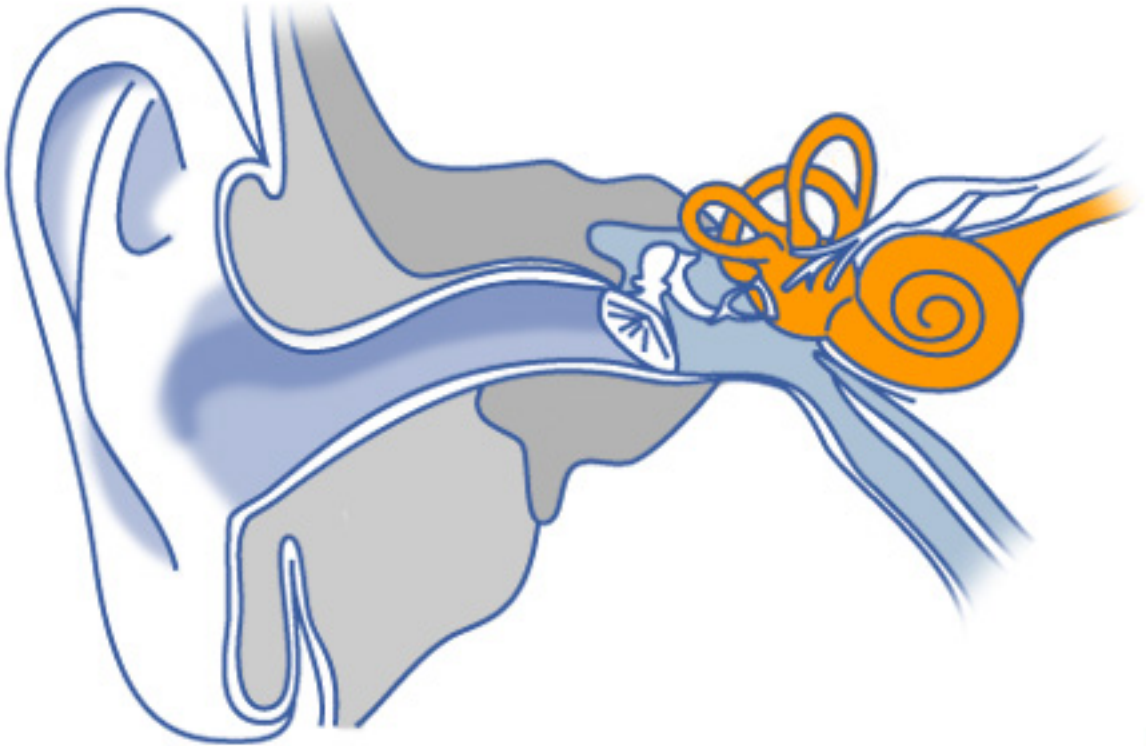
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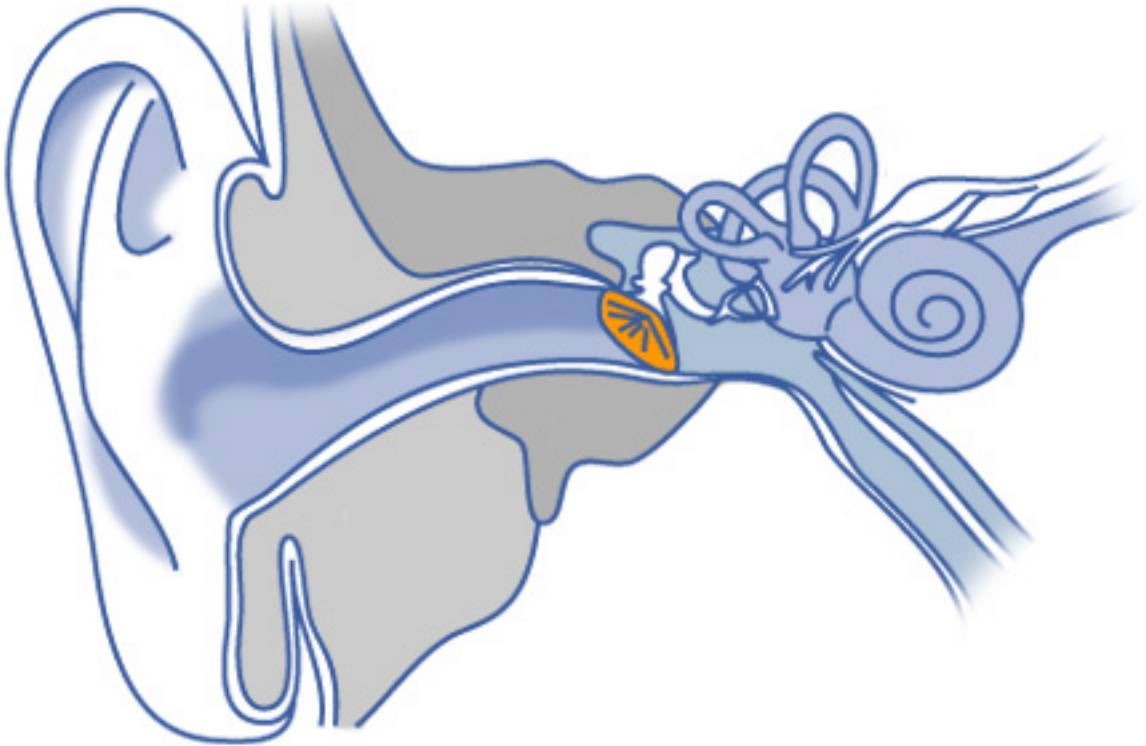
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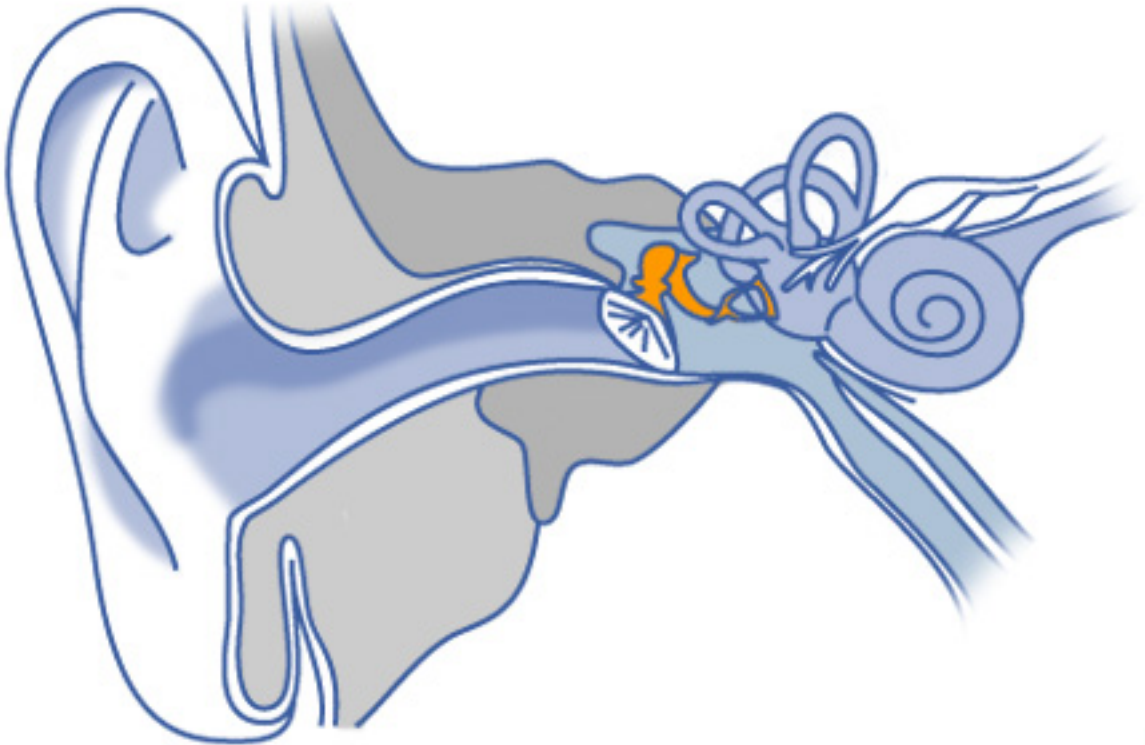
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