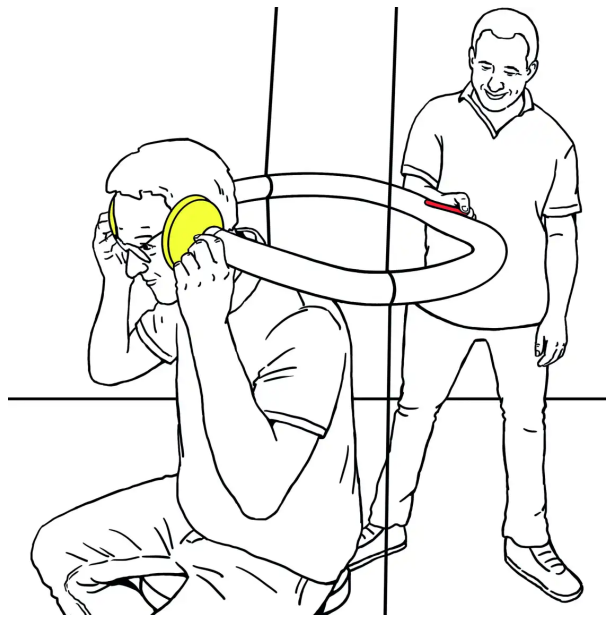


Stereo hearing

Can you hear where the tube is being tapped?



Ask another person to perform the experiment with you.

Sit on the stool with your back to the tube.

Hold the funnels to your ears.

Have the other person gently tap the tube in different places with their finger or with the wooden stick.

From which direction is the sound coming?

Can you hear where the center of the tube is?

Not only can you hear with your ears, but you can also perceive the location of sounds. If you tap on the left or right side of the tube, the sound will arrive earlier in one ear than the other. From the difference in the arrival times of the sound, and the difference in loudness between the two ears, your brain will perceive the sound source location with amazing precision.