

MODIOLUS

Meaning: Modiolus: a central, conical structure in the cochlea of the inner ear that serves as an anchor for the spiral lamina and is crucial for auditory function.

1. The modiolus acts as a central hub in the cochlea, playing a vital role in hearing.
2. During the dissection, we carefully identified the modiolus to better understand its anatomical significance.
3. In certain species, the modiolus can vary significantly in structure, highlighting evolutionary adaptations.
4. Researchers have found that damage to the modiolus can lead to significant hearing impairment.
5. The modiolus serves as an anchor point for the nerve fibers that transmit auditory information to the brain.

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