

CARTILAGE

Meaning: Cartilage is a flexible connective tissue found in various parts of the body, including joints and the ear, that provides support and cushioning.

1. Cartilage provides cushioning at the joints, allowing for smooth movement.
2. The human ear is primarily made of cartilage, giving it both flexibility and shape.
3. In certain animals, like sharks, cartilage replaces bone entirely.
4. Cartilage can be damaged by injury or degeneration, leading to joint pain.
5. During growth, cartilage is gradually replaced by bone in a process called ossification.
6. Doctors sometimes use cartilage grafts to repair damaged areas in the body.
7. Unlike bone, cartilage does not have a blood supply, which complicates its healing process.
8. Athletes often suffer from cartilage wear and tear due to repetitive stress on their joints.
9. Researchers are exploring ways to regenerate cartilage using stem cell therapy.
10. Healthy cartilage is essential for maintaining mobility and reducing discomfort in the body.

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