

CANCELLOUS

Meaning: Cancellous refers to the spongy, porous tissue of bone that provides structural support and flexibility, typically found at the ends of long bones and in the interiors of others.

1. The cancellous bone structure allows for greater flexibility and shock absorption in the skeleton.
2. In medical imaging, the cancellous regions of the bone can reveal signs of osteoporosis.
3. The archery bow was constructed with a cancellous core to ensure it remained lightweight yet strong.
4. Research indicates that cancellous bone plays a crucial role in the body's calcium regulation.
5. Surgeons often prefer using cancellous grafts for bone repair due to their excellent integration properties.
6. The cancellous space within the vertebrae is vital for maintaining spinal health and mobility.
7. Cancellous bone, also known as trabecular bone, is typically found at the ends of long bones.
8. Understanding cancellous structures can enhance the design of bioengineered implants.
9. The patient exhibited increased density in the cancellous bone after months of targeted therapy.
10. Athletes may have denser cancellous bone due to the adaptive responses from their training regimens.

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