

PERICHONDRIAL

Meaning: Perichondrial refers to the layer of connective tissue that surrounds cartilage, playing a vital role in its growth and repair.

1. The perichondrial layer plays a crucial role in the growth and repair of cartilage.
2. Researchers discovered that the perichondrial environment significantly influences chondrocyte behavior.
3. Injuries to the perichondrial tissue can hinder the healing process of cartilage damage.
4. The perichondrial sheath provides essential nutrients to the underlying cartilage.
5. During development, the perichondrial cells differentiate into chondrocytes as cartilage forms.

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