

# EPIPHYSIS

*Meaning: Epiphysis is the end part of a long bone, initially separated from the main bone by a layer of cartilage, that plays a vital role in bone growth and joint formation.*

1. The epiphysis is crucial for the growth and development of long bones in children.
2. In adults, the epiphysis contributes to the formation of joints and overall skeletal stability.
3. Researchers are studying how abnormalities in the epiphysis can lead to growth disorders.
4. During an X-ray examination, the health of the epiphysis can provide insights into bone age.
5. In some cases, fractures can occur at the epiphysis, requiring careful medical intervention.

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