

# TIBIOTARSUS

*Meaning: TIBIOTARSUS: A fused bone in birds that connects the knee joint to the foot, playing a crucial role in their skeletal anatomy and locomotion.*

1. The tibiotarsus is a key skeletal element in the anatomy of birds, connecting the knee to the foot.
2. In ornithology, the tibiotarsus is often studied to understand avian locomotion and adaptations.
3. Fossil records have revealed variations in the tibiotarsus among different dinosaur species, indicating evolutionary changes.
4. Veterinarians may examine the tibiotarsus for signs of injury or disease in birds brought to their clinics.
5. The structure of the tibiotarsus plays a significant role in the flight mechanics of various bird species.

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