

BIARTICULATE

Meaning: Biarticulate refers to a structure or limb that consists of two joints, allowing for increased flexibility and range of motion.

1. Biarticulate limbs allow for a greater range of motion in robotics.
2. The biarticulate design of the prosthetic knee enhances its functionality for the user.
3. Understanding biarticulate structures is crucial for advanced biomechanics research.
4. The athlete's biarticulate muscles contributed to their impressive agility on the field.
5. In complex movements, biarticulate joints play a significant role in efficiency.
6. The study of biarticulate systems can lead to innovations in physical therapy.
7. Researchers are exploring how biarticulate configurations can improve robotic arm design.
8. The dancer's biarticulate flexibility impressed the judges during the competition.
9. Biarticulate mechanisms can mimic natural movement more closely than simpler joints.
10. Engineers are utilizing biarticulate principles to enhance the performance of exoskeletons.

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