

MUSCULOCUTANEOUS

Meaning: Musculocutaneous refers to relating to or involving both muscle and skin, particularly in the context of the musculocutaneous nerve that supplies motor function to certain muscles of the arm.

1. The musculocutaneous nerve is primarily responsible for the motor function of the biceps brachii.
2. Injuries to the musculocutaneous nerve can lead to significant weakness in elbow flexion.
3. The musculocutaneous artery supplies blood to various muscles in the upper arm.
4. Understanding the anatomy of the musculocutaneous system is crucial for effective surgical interventions.
5. Physiotherapists often design rehabilitation programs that consider the musculocutaneous nerve's role in arm movement.

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