

Anatomy & Physiology: Muscles—Pronator Quadratus.

STRUCTURE.

- Origin: distal portion of ulnar shaft.
- Insertion: distal portion of radial shaft.

FUNCTION.

- Concentric action: pronates forearm.
- Reverse mover action: pronates forearm; lateral rotation of arm at glenohumeral joint.
- Eccentric action: supination.
- Isometric action: stabilization of the distal radioulnar joint.
- Innervation: median nerve.
- Arterial supply: anterior interosseus artery (branch of ulnar artery).

CLINICAL SIGNIFICANCE.

References

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