

Anatomy & Physiology: Muscles—Extensor Carpi Ulnaris.

STRUCTURE.

- Origin: lateral epicondyle of humerus, and posterior border of ulna.
- Insertion: fifth metacarpal.

FUNCTION.

- Concentric action: extends and adducts hand (ulnar deviation) at wrist joint. Lesser: elbow extension, pronation.
- Reverse mover action: wrist extension, ulnar deviation, elbow extension, pronation, lateral rotation at shoulder joint.
- Eccentric action: controls/restrains/slows wrist flexion, radial deviation, elbow flexion, supination.
- Isometric action: stabilize wrist and elbow.
- Innervation: deep radial nerve.
- Arterial supply: posterior interosseus artery.

CLINICAL SIGNIFICANCE.

References

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