

Anatomy & Physiology: Muscles—Brachioradialis.

STRUCTURE.

- Origin: lateral border of distal end of humerus.
- Insertion: superior to styloid process of radius.

FUNCTION.

- Concentric action: elbow flexion; supinates and pronates forearm at radioulnar joints to neutral position.
- Reverse mover action: arm flexion at elbow; supination; pronation; medial rotation of arm at glenohumeral joint.
- Eccentric action: elbow extension.
- Isometric action: stabilization of the elbow.
- Innervation: radial nerve.
- Arterial supply: branches of brachial artery; radial artery.

CLINICAL SIGNIFICANCE.

References

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