

Anatomy & Physiology: Muscles—Flexor Pollicis Brevis.

STRUCTURE.

- Origin: flexor retinaculum, trapezium, capitate, and trapezoid.
- Insertion: lateral side of proximal phalanx of thumb.

FUNCTION.

- Concentric action: flexes thumb at carpometacarpal and metacarpophalangeal joints; thumb abduction at CMC.
- Reverse mover action: flexion of trapezium at CMC; flexion of thumb at MCP; abduction of trapezium at CMC.
- Eccentric action: controls/restrains/slows thumb extension at CMC and MCP; adduction of thumb at CMC.
- Isometric action: stabilizes thumb at CMC and MCP.
- Innervation: median and ulnar nerves.
- Arterial supply: branches of radial artery.

CLINICAL SIGNIFICANCE.

References

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