

Anatomy & Physiology: Muscles—Temporalis.

STRUCTURE.

- Origin: temporal bone.
- Insertion: coronoid process and ramus of mandible.

FUNCTION.

- Concentric action: elevates and retracts mandible.
- Reverse mover action: move temporal bone inferior and anteriorly toward mandible.
- Eccentric action: controls/restrains/slows depression and protraction of mandible.
- Isometric action: stabilization of mandible at TMJ.
- Innervation: trigeminal nerve.
- Arterial supply: maxillary and superficial temporal arteries.

CLINICAL SIGNIFICANCE.

References

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