

Anatomy & Physiology: Muscles—Digastric.

STRUCTURE.

- Origin: Anterior belly: digastric fossa on deep surface of symphysis menti. Posterior belly: mastoid process of temporal bone.
- Insertion: hyoid bone via intermediate tendon.

FUNCTION.

- Concentric action: depress, retract mandible; flexes head/neck; head extension.
- Reverse mover action: elevate hyoid.
- Eccentric action: controls/restrains/slows elevation and protraction of mandible; extension of head/neck; flexion of head; depression of hyoid.
- Isometric action: stabilization of hyoid.
- Innervation: trigeminal nerve V, facial nerve VII.
- Arterial supply: occipital, posterior auricular, and facial arteries.

CLINICAL SIGNIFICANCE.

References

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