

## Anatomy & Physiology: Muscles—Mylohyoid.

### STRUCTURE.

- Origin: inner mandibular surface.
- Insertion: body of hyoid.

### FUNCTION.

- Concentric action: elevates and hyoid and floor of mouth; depresses mandible; head/neck flexion.
- Reverse mover action: elevate hyoid.
- Eccentric action: controls/restrains/slows elevation of mandible, head/neck extension, depression of hyoid.
- Isometric action: stabilizes mandible and hyoid.
- Innervation: mandibular division of trigeminal V nerve.
- Arterial supply: inferior alveolar artery.

### CLINICAL SIGNIFICANCE.

## References

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