

## Anatomy & Physiology: Muscles—Medial Pterygoid.

### STRUCTURE.

- Origin: medial surface of lateral portion of pterygoid process of sphenoid; maxilla.
- Insertion: angle and ramus of mandible.

### FUNCTION.

- Concentric action: elevates, contralaterally deviates, and protracts mandible.
- Reverse mover action: move cranium inferiorly, posteriorly and laterally (ipsilateral deviation) toward mandible.
- Eccentric action: controls/restrains/slows depression, retraction, and ipsilateral deviation of mandible.
- Isometric action: stabilizes mandible.
- Innervation: trigeminal V nerve.
- Arterial supply: maxillary artery.

### CLINICAL SIGNIFICANCE.

## References

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