

Medial Pterygoid muscle

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1 OIAN

Muscle	Origin	Insertion	Nerve	Action
Medial Pterygoid	SF Head: Maxilla (tuberosity); Deep head: Medial surface of lateral pterygoid plate and pterygoid fossa	Pterygoid tuberosity on medial surface of the mandibular angle	Mandibular (V_3) division of CN V via medial pterygoid n.	BIL: Elevates mandible with masseter and contributes to protrusion; UNIL: Small grinding movements

2 Origin

SF Head: Maxilla (tuberosity); **Deep head:** Medial surface of lateral pterygoid plate and pterygoid fossa¹

3 Insertion

Pterygoid tuberosity on medial surface of the mandibular angle¹

4 Innervation

Mandibular (V_3) division of CN V via medial pterygoid n.¹

5 Action

BIL: Elevates mandible with masseter and contributes to protrusion; **UNIL:** Small grinding movements¹

Clinical Significance

1. Gilroy AM, MacPherson BR, Wikenheiser JC, Voll MM, Wesker K, Schünke M, eds. *Atlas of Anatomy*. 4th ed. Thieme; 2020.