

# Medial Pterygoid muscle

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## 1 OIAN

Muscle	Origin	Insertion	Nerve	Action
Medial Pterygoid	<b>SF Head:</b> Maxilla (tuberosity); <b>Deep head:</b> 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.	<b>BIL:</b> Elevates mandible with masseter and contributes to protrusion; <b>UNIL:</b> Small grinding movements

## 2 Origin

**SF Head:** Maxilla (tuberosity); **Deep head:** Medial surface of lateral pterygoid plate and pterygoid fossa<sup>1</sup>

## 3 Insertion

Pterygoid tuberosity on medial surface of the mandibular angle<sup>1</sup>

## 4 Innervation

Mandibular ( $V_3$ ) division of CN V via medial pterygoid n.<sup>1</sup>

## 5 Action

**BIL:** Elevates mandible with masseter and contributes to protrusion; **UNIL:** Small grinding movements<sup>1</sup>

## Clinical Significance

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