

Longus capitis

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1 OIAN

Table 1: Longus capitis OIAN

Muscle	Origin	Insertion	Nerve	Action
Longus Capitis	C3-C6 (TP, ant tubercles)	Occipital bone (basilar part)	Direct branches from cervical plexus (C1-C3)	BIL flexes head; UNIL flexes and slight I/L rotation

1.1 Origin

C3-C6 (TP, ant tubercles)¹

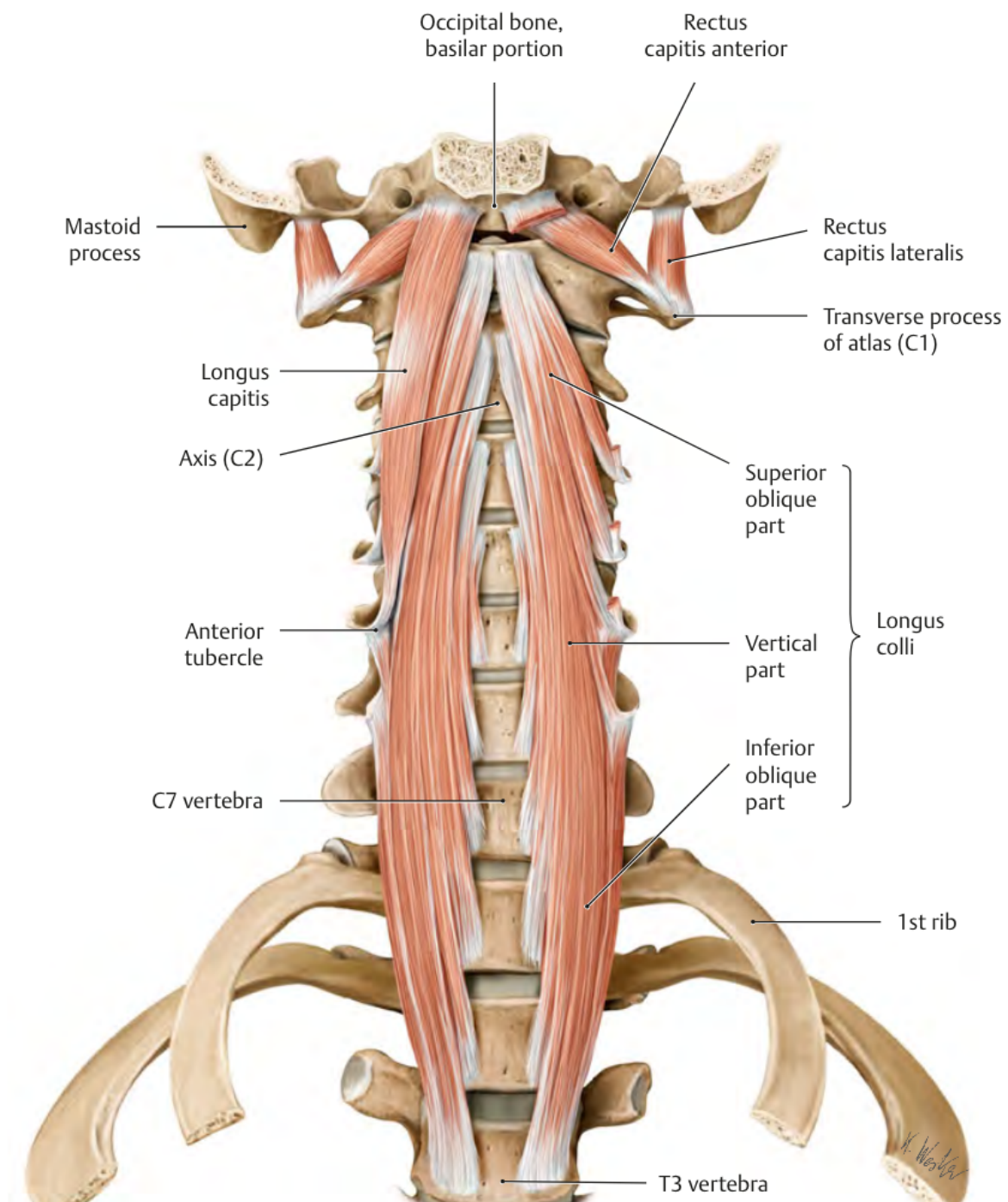


Figure 1: Prevertebral muscles anterior view¹

1.2 Insertion

Occipital bone (basilar part)¹

1.3 Innervation

Direct branches from cervical plexus (C1-C3)¹

1.4 Action

- **Bilateral:** Flexes head
- **Unilateral:** Flexes and slight I/L rotation

2 Muscle groups

Longus capitis is part of the [prevertebral muscle group](#)

3 Palpation

Clinical significance

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