

# Longus capitis

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# 1 OIAN

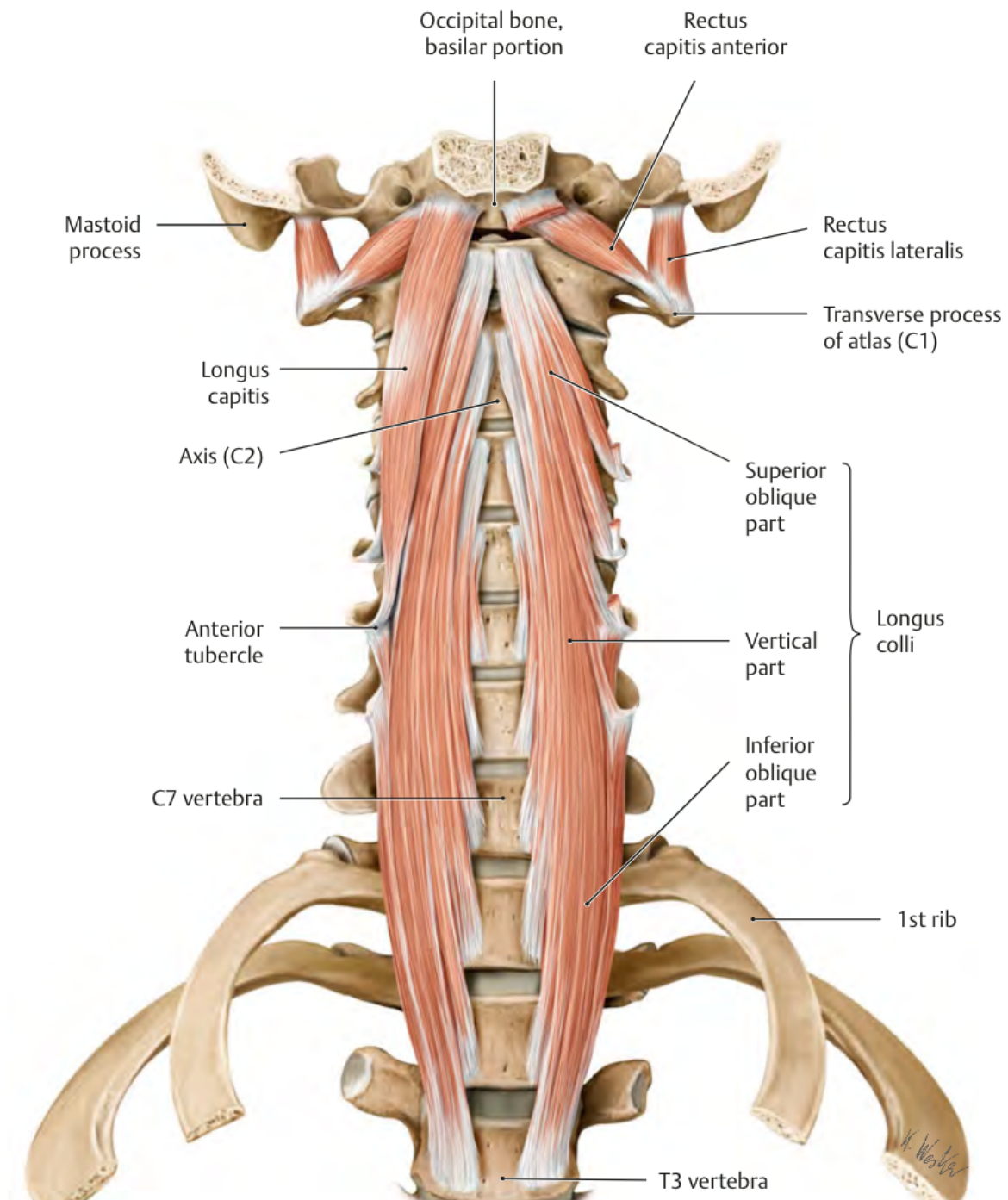


Figure 1: Prevertebral muscles anterior view<sup>1</sup>

Table 1: Longus capitis OIAN

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

### 1.1 Origin

C3-C6 (TP, ant tubercles)<sup>1</sup>

### 1.2 Insertion

Occipital bone (basilar part)<sup>1</sup>

### 1.3 Innervation

Direct branches from cervical plexus (C1-C3)<sup>1</sup>

### 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.