# 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)<sup>1</sup>

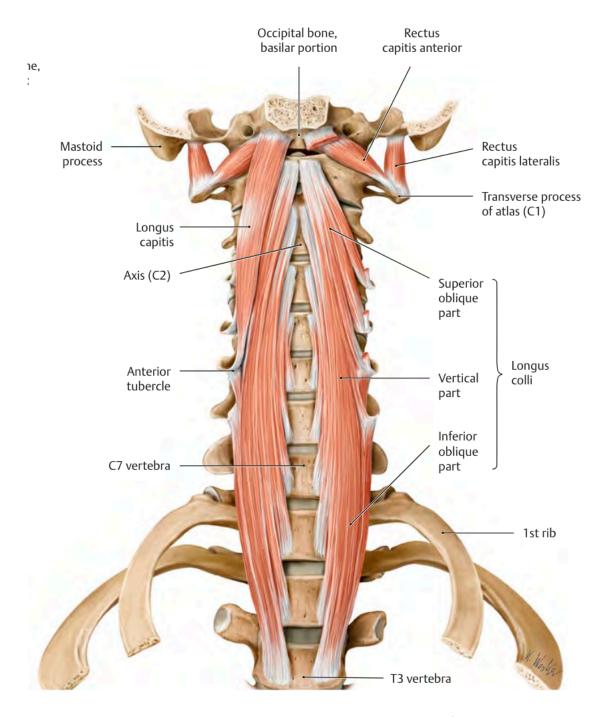


Figure 1: Prevertebral muscles anterior view  $^1$ 

#### 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.