

Serratus Posterior Inferior

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1 OIAN

[Prevertebral muscles anterior view¹](/Alchemy Archive/Anatomy/OIANs/images/superficial intrinsic back mm fig3.8 gilroyAtlasAnatomy2020.png)

Table 1: Longus capitis OIAN

| Muscle | Origin | Insertion | Nerve | Action |
|-------------------------|--------------------------------|--|---------------------------|--|
| Rectus Capitis Anterior | C1 (lateral mass) ¹ | Occipital bone (basilar part) ¹ | C1 Ant ramus ¹ | Bilaterally flexes AOJ; Unilaterally I/L SB |

1.1 Origin

C1 (lateral mass)¹

1.2 Insertion

Occipital bone (basilar part)¹

1.3 Innervation

C1 Ant ramus¹

1.4 Action

- **Bilateral:** flex AO Joint
- **Unilateral:** Lateral Flexion of AO joint

2 Muscle groups

Rectus capitis anterior 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.