

Anatomy & Physiology: Muscles—Longus Capitis.

STRUCTURE.

- Origin: anterior tubercles of C3-C5.
- Insertion: inferior surface of basilar occiput, anterior to foramen magnum.

FUNCTION.

- Concentric action: neck and head flexion. Lesser: lateral flexion of head and neck.
- Reverse mover action: flexion and lateral flexion of lower neck.
- Eccentric action: controls/restrains/slows extension and contralateral lateral flexion of head and neck.
- Isometric action: stabilization of upper cervical spine.
- Innervation: cervical spinal nerves.
- Arterial supply: inferior thyroid artery, vertebral artery, ascending pharyngeal artery.

CLINICAL SIGNIFICANCE.

References

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