

Anatomy & Physiology: Muscles—Longissimus, Capitis Division.

STRUCTURE.

- Origin: transverse processes of T1-T4; articular processes of C4-C7.
- Insertion: mastoid process of temporal bone.

FUNCTION.

- Concentric action: extend head; laterally flex and rotate head to same side as contracting muscle.
- Eccentric action.
- Isometric action: stabilization of the spine.
- Innervation: middle and inferior cervical and spinal nerves.
- Arterial supply: branches from occipital artery from the external carotid artery.

CLINICAL SIGNIFICANCE.

References

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