

Anatomy & Physiology: Muscles—Subclavius.

STRUCTURE.

- Origin: first rib.
- Insertion: clavicle.

FUNCTION.

- Concentric action: depress and move clavicle anteriorly at sternoclavicular joint (SC); protraction of clavicle at SC, downward rotation of clavicle at SC joint; helps stabilize pectoral girdle.
- Reverse mover action: elevate first rib of sternocostal and costospinal joints.
- Eccentric action: controls/restrains/slows clavicular retraction, elevation, upward rotation, and controls/restrains/slows depression of first rib.
- Isometric action: stabilization of the scapula. Stabilization of clavicle and first rib.
- Innervation: subclavian nerve.
- Arterial supply: clavicular branch of thoracoacromial trunk (branch of axillary artery), suprascapular artery (branch of thyrocervical trunk).

CLINICAL SIGNIFICANCE.

References

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