

Anatomy & Physiology: Muscles— Serratus Posterior Superior.

STRUCTURE.

- Origin: spinous processes and supraspinous ligaments of C7-T2.
- Insertion: posterior aspect of ribs 2-5.

FUNCTION.

- Concentric action: elevate ribs 2-5.
- Reverse mover action: contralateral rotation of C7-T3.
- Eccentric action: controls/restrains/slows depression of ribs 2-5; ipsilateral rotation of C7-T3.
- Isometric action: stabilization of the upper ribs, C7, and upper thoracic spine.
- Innervation: intercostal nerves.
- Arterial supply: dorsal branches of posterior intercostal arteries.

CLINICAL SIGNIFICANCE.

References

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