

Anatomy & Physiology: Muscles—Levatores Costarum.

STRUCTURE.

- Origin: transverse processes C7 to T11.
- Insertion: posterior surface and angle of rib below.

FUNCTION.

- Concentric action: elevate ribs.
- Reverse mover action: trunk lateral flexion, extension, and contralateral rotation.
- Eccentric action: controls/restrains/slows rib depression; trunk contralateral lateral flexion, flexion, and ipsilateral rotation.
- Isometric action: stabilizes sternocostal and costospinal joints and thoracic spine.
- Innervation: spinal nerves.
- Arterial supply: dorsal branches of posterior intercostal arteries.

CLINICAL SIGNIFICANCE.

References

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