

Anatomy & Physiology: Muscles—Transversus Thoracis.

STRUCTURE.

- Origin: lower 1/3 of inner side of sternum and lower three costosternal junctions.
- Insertion: costal cartilages 2-6.

FUNCTION.

- Concentric action: depression of ribs 2-6.
- Reverse mover action: sternum elevation.
- Eccentric action: controls/restrains/slows elevation of ribs 2-6, depression of sternum.
- Isometric action: stabilization rib cage and sternum.
- Innervation: intercostal nerves.
- Arterial supply: anterior intercostal arteries.

CLINICAL SIGNIFICANCE.

References

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