

## Anatomy & Physiology: Muscles—Intertransversarii.

### STRUCTURE.

- Origin: transverse processes of all vertebrae.
- Insertion: transverse process of vertebra above the origin.

### FUNCTION.

- Concentric action: extend vertebral column (acting together); lateral flexion and stabilization (acting singly).
- Reverse mover action: lateral flexion of lower spine.
- Eccentric action: controls/restrains/slows lateral neck and trunk flexion.
- Isometric action: stabilization of neck and trunk.
- Innervation: cervical, thoracic, and lumbar spinal nerves.
- Arterial supply: dorsal branches of posterior intercostal arteries.

### CLINICAL SIGNIFICANCE.

## References

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