There are eleven pairs between T1/T2 and T11/T12.

Proximal Attachment

Rotatores thoracis (Slide 1 and Slide 2) arise from the supero-posterior aspect of the transverse processes of the thoracic vertebrae.

Distal Attachment

They pass superiorly to the inferior border and lateral surface of the laminae of the vertebra above.

Nerve Supply

They are supplied by the dorsal rami of T1 to T11.

Action

They are responsible for rotation between adjacent thoracic vertebrae.

Occasionally, there are rotator muscles in the lumbar region, 'rotatores lumborum'. They consist of irregular and variable muscle bundles between T12 and L5 and are responsible for rotation between adjacent lumbar vertebrae.