

Rotatores Muscle

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1 OIAN

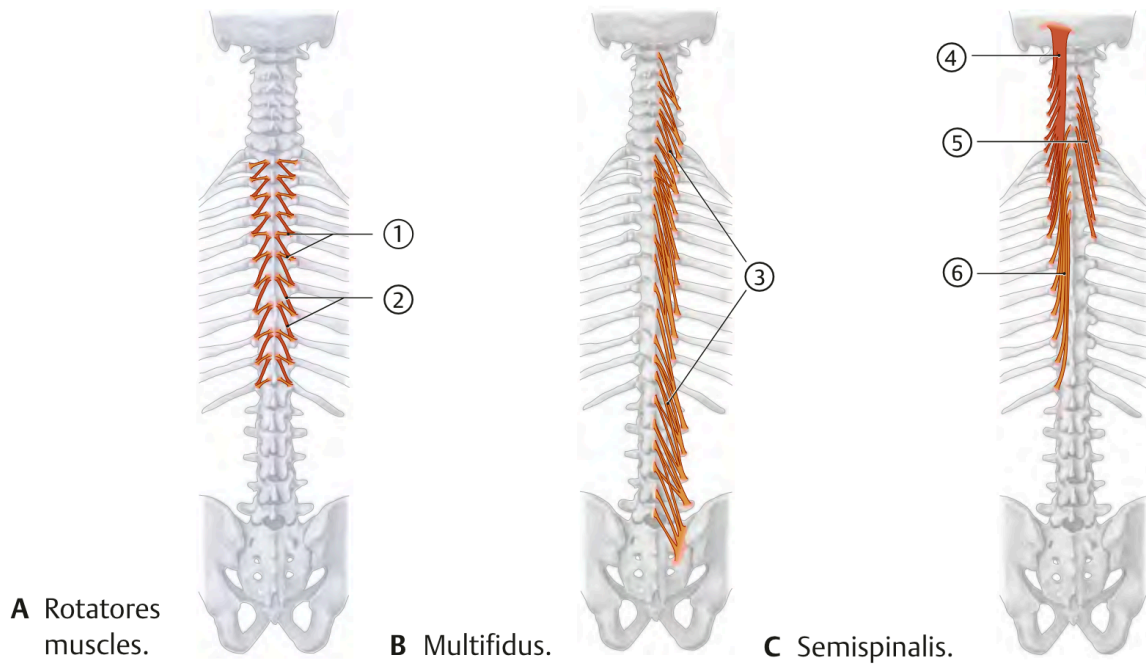


Figure 1: Schematic, posterior view of the transversospinalis muscles¹

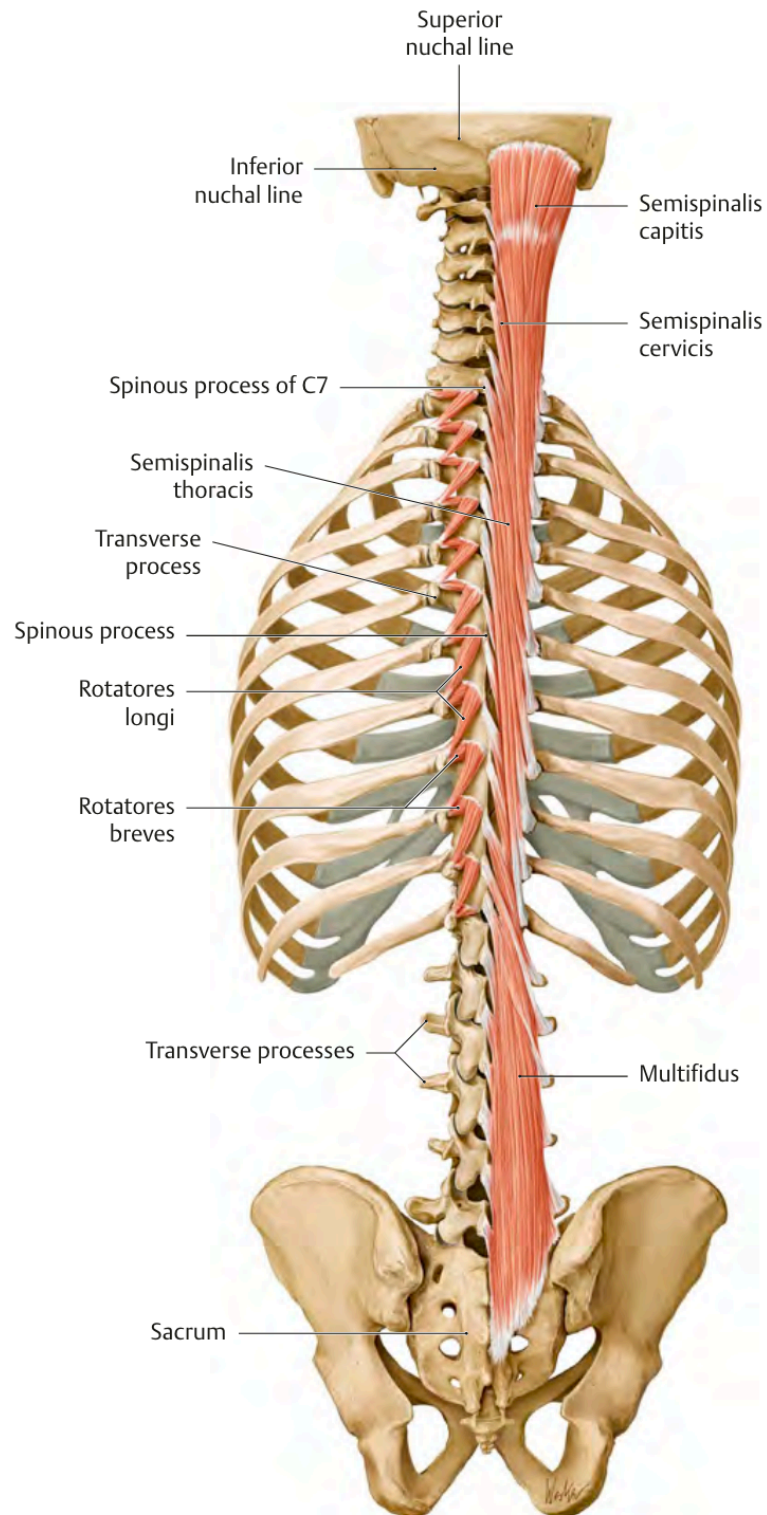


Figure 2: Posterior view of the Transversospinalis muscles¹

Table 1: Rotatores muscle OIAN

Muscle	Origin	Insertion	Nerve	Action
Rotatores Breves	T1-T12 TP of lower vertebrae	T1-T12: SP of adjacent vertebrae	Spinal nn. (Posterior Rami)	BIL: Extends T/S; UNIL: C/L Rotation of T/S
Rotatores Longi	T1-T12 TP of lower vertebrae	T1-T12: SP of vertebrae 2 above (it skips a vertebrae)	Spinal nn. (Posterior Rami)	BIL: Extends T/S; UNIL: C/L Rotation of T/S

2 Rotatores Breves

2.1 Origin

T1-T12 TP of lower vertebrae¹

2.2 Insertion

T1-T12: SP of adjacent vertebrae¹

2.3 Innervation

[Spinal nn. \(Posterior Rami\)](#)¹

2.4 Action

- **BIL:** Extends T/S¹
- **UNIL:** C/L Rotation of T/S¹

3 Rotatores Longi

3.1 Origin

T1-T12 TP of lower vertebrae¹

3.2 Insertion

T1-T12: SP of vertebrae 2 above (it skips a vertebrae)¹

3.3 Innervation

Spinal nn. (Posterior Rami)¹

3.4 Action

- **BIL:** Extends T/S¹
- **UNIL:** C/L Rotation of T/S¹

1. Gilroy AM, MacPherson BR, Wikenheiser JC, Voll MM, Wesker K, Schünke M, eds. *Atlas of Anatomy*. 4th ed. Thieme; 2020.