

# Rotatores Muscle

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## 1 OIAN

Table 1: Rotatores muscle OIAN

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

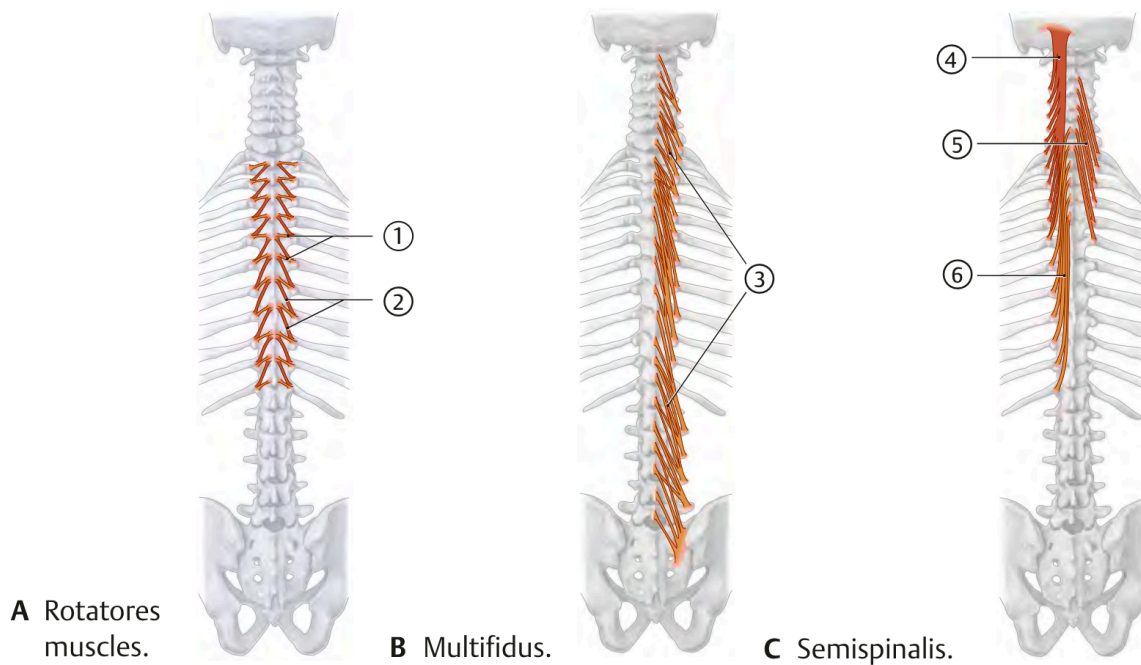


Figure 1: Schematic, posterior view of the transversospinalis muscles<sup>1</sup>

## 2 Rotatores Breves

### 2.1 Origin

T1-T12 TP of lower vertebrae<sup>1</sup>

### 2.2 Insertion

T1-T12: SP of adjacent vertebrae<sup>1</sup>

### 2.3 Innervation

Spinal nn. (Posterior Rami)<sup>1</sup>

### 2.4 Action

- **BIL:** Extends T/S<sup>1</sup>
- **UNIL:** C/L Rotation of T/S<sup>1</sup>

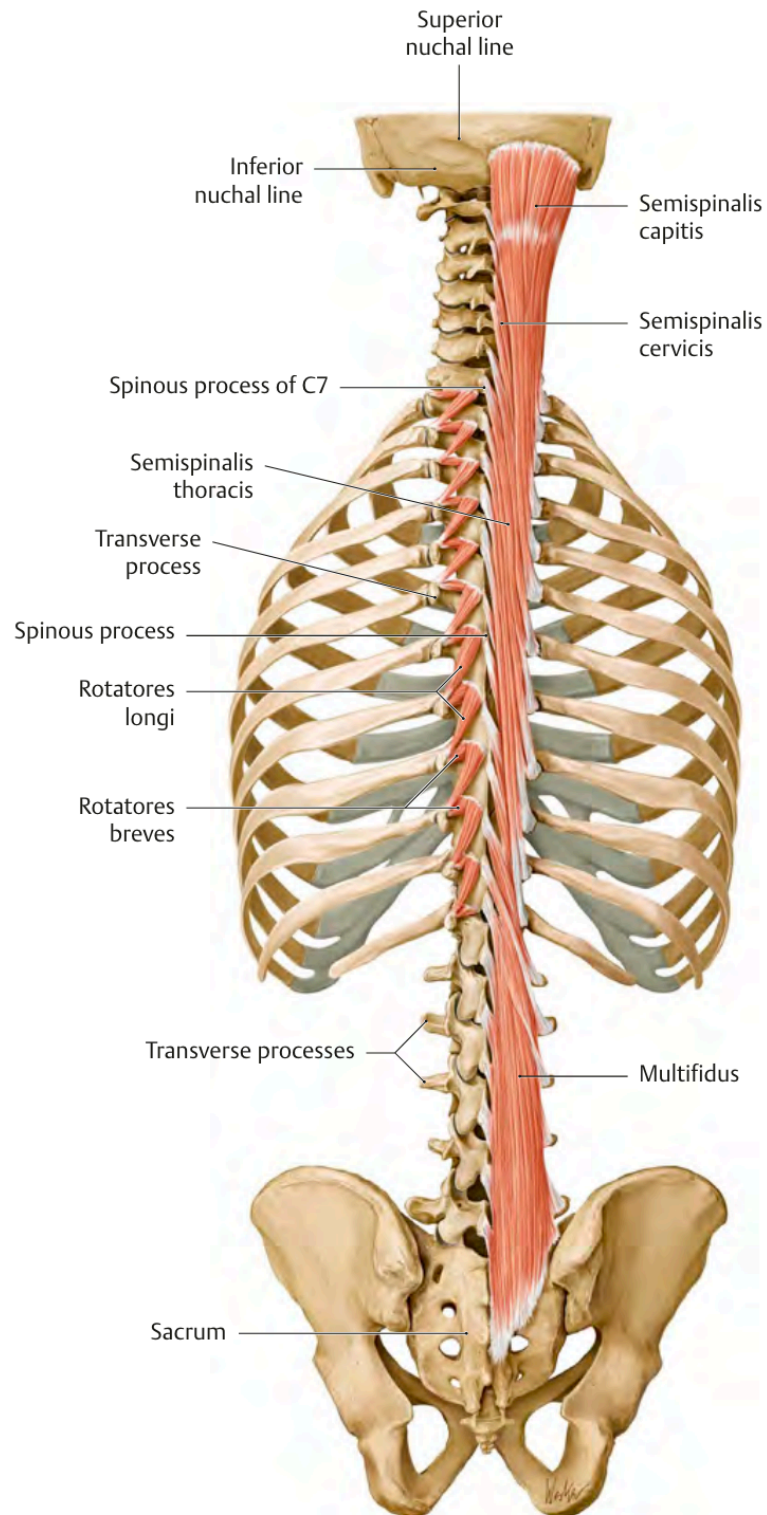


Figure 2: Posterior view of the Transversospinalis muscles<sup>1</sup>

## 3 Rotatores Longi

### 3.1 Origin

T1-T12 TP of lower vertebrae<sup>1</sup>

### 3.2 Insertion

T1-T12: SP of vertebrae 2 above (it skips a vertebrae)<sup>1</sup>

### 3.3 Innervation

Spinal nn. (Posterior Rami)<sup>1</sup>

### 3.4 Action

- **BIL:** Extends T/S<sup>1</sup>
- **UNIL:** C/L Rotation of T/S<sup>1</sup>

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