

Spinalis Muscle

Nathaniel Yomogida, SPT

Chloë Kerstein, SPT

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1 OIAN

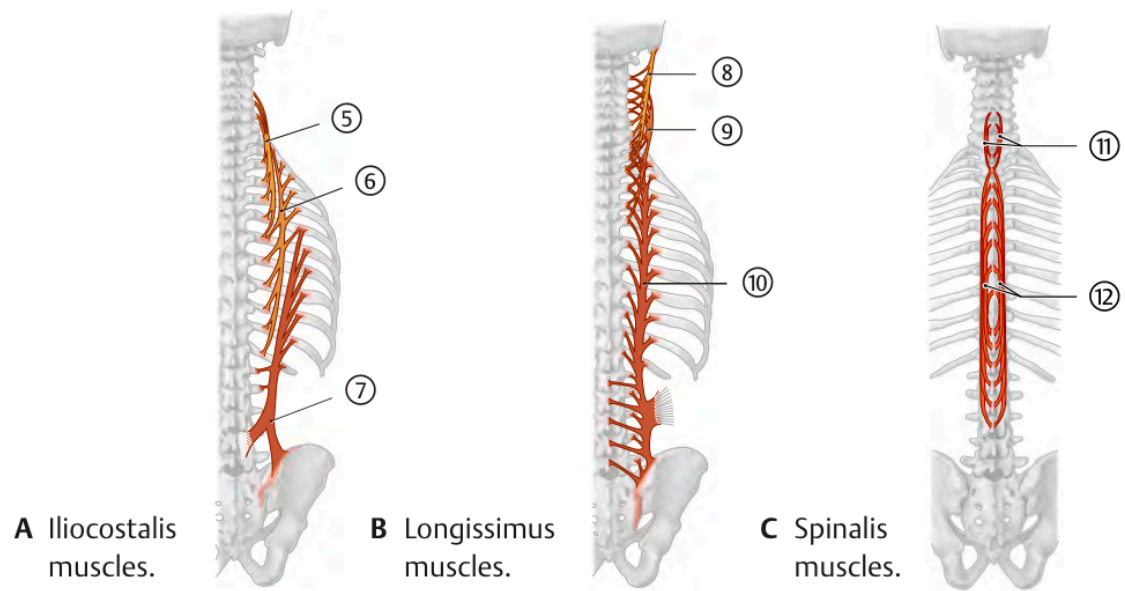


Figure 1: Schematic view of the intermediate intrinsic muscles of the back (Erector spinae)¹

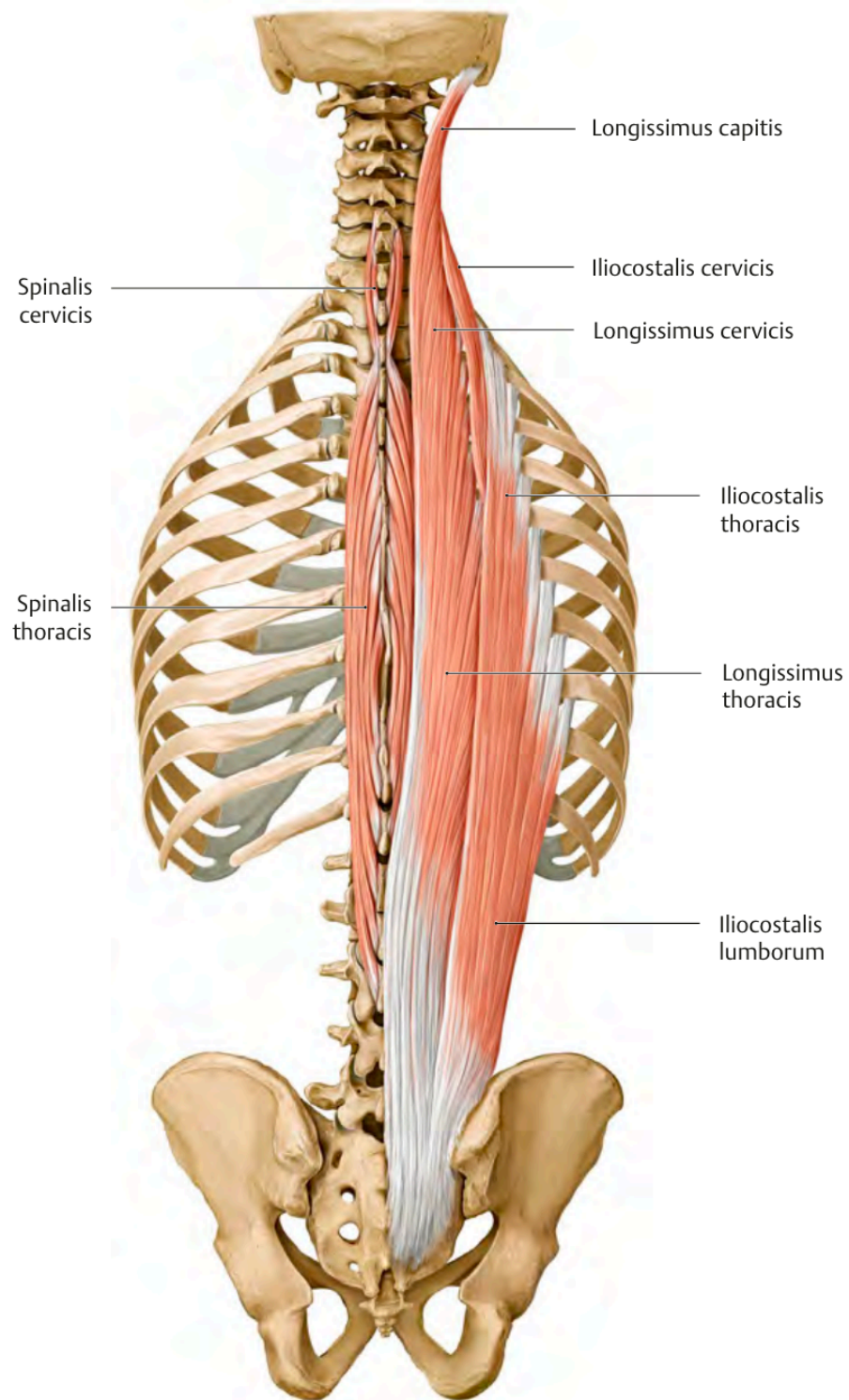


Figure 2: Intermediate intrinsic muscles of the back / Erector spinae (Posterior view)¹

Table 1: Spinalis Muscle OIAN

Muscle	Origin	Insertion	Nerve	Action
Spinalis Cervicis	C5-T2 (SP)	C2-C5 (SP)	Spinal nn. (Posterior Rami)	BIL: Extends C/S and T/S; UNIL: I/L SB cervical and thoracic spine
Spinalis Thoracis	T10-L3 (SP, lat surface)	T2-T8 (SP, lat surface)	Spinal nn. (Posterior Rami)	BIL: Extends C/S and T/S; UNIL: I/L SB cervical and thoracic spine

2 Spinalis Cervicis

2.1 Origin

C5-T2 (SP)¹

2.2 Insertion

C2-C5 (SP)¹

2.3 Innervation

Spinal nn. (Posterior Rami)¹

2.4 Action

- **BIL:** Extends C/S and T/S¹
- **UNIL:** I/L SB cervical and thoracic spine¹

3 Spinalis Thoracis

3.1 Origin

T10-L3 (SP, lat surface)¹

3.2 Insertion

T2-T8 (SP, lat surface)¹

3.3 Innervation

Spinal nn. (Posterior Rami)¹

3.4 Action

- **BIL:** Extends C/S and T/S¹
- **UNIL:** I/L SB cervical and thoracic spine¹

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