Longissimus Muscle

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1 OIAN

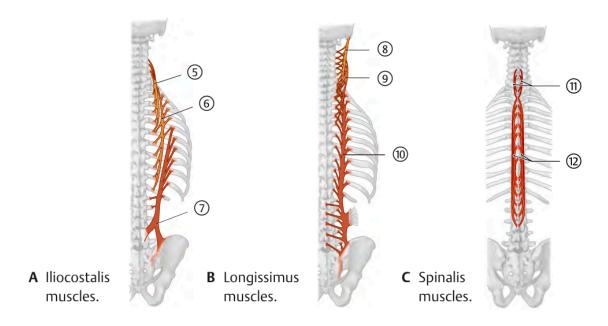


Figure 1: Schematic view of the intermediate intrinsic muscles of the back (Erector spinae)¹

Table 1: Longissimus OIAN

Muscle	Origin	Insertion	Nerve	Action
Longissimus	T1-T3 (TP),	Temporal	Spinal nn. C1-L5	BIL: Extends
Capitis	C4-C7 (TP &	bone (Mastoid	(Post rami, lateral	head; UNIL :
	articular process)	process)	branches)	Flexes and I/L rotation
Longissimus	T1-T6 (TP)	C2-C5 (TP)	Spinal nn. C1-L5	BIL : Extends
Cervicis			(Post rami, lateral branches)	spine; UNIL : I/L SB
Longissimus	Sacrum; Iliac	2nd-12th ribs;	Spinal nn. C1-L5	BIL: Extends
Thoracis	crest; Lumbar	Thoracic &	(Post rami, lateral	spine; UNIL:
	vertebrae (SP);	Lumbar	branches)	I/L SB
	Lower thoracic vertebrae (TP)	vertebrae (TP)		

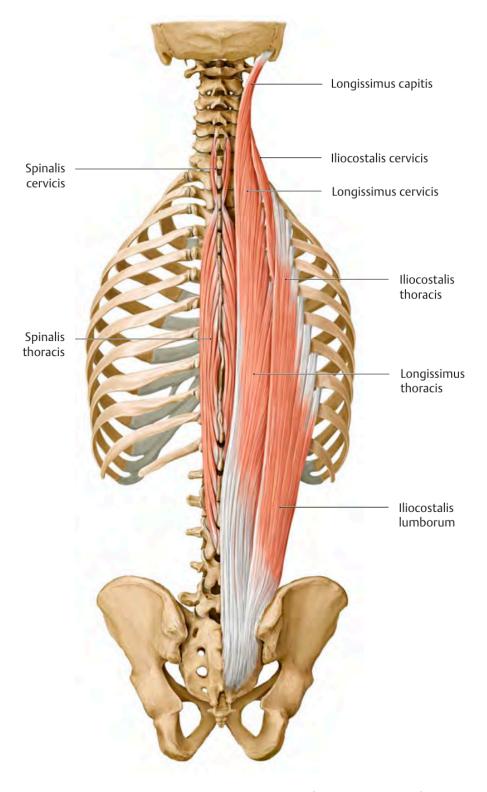


Figure 2: Intermediate intrinsic muscles of the back / Erector spinae (Posterior view) 1

2 Longissimus Capitis

2.1 Origin

T1-T3 (TP), C4-C7 (TP & articular process)¹

2.2 Insertion

Temporal bone (Mastoid process)

2.3 Innervation

Spinal nn. C1-L5 (Posterior Rami, lateral branches)¹

2.4 Action

- BIL: Extends head¹
- UNIL: Flexes and I/L rotation¹

3 Longissimus Cervicis

3.1 Origin

 $T1-T6 (TP)^{1}$

3.2 Insertion

 $C2-C5 (TP)^1$

3.3 Innervation

Spinal nn. C1-L5 (Posterior Rami, lateral branches)¹

3.4 Action

- BIL: Extends spine¹
- UNIL: I/L SB¹

4 Longissimus Thoracis

4.1 Origin

Sacrum; Iliac crest; Lumbar vertebrae (SP); Lower thoracic vertebrae (TP)¹

4.2 Insertion

2nd-12th ribs; Thoracic & Lumbar vertebrae $(TP)^1$

4.3 Innervation

Spinal nn. C1-L5 (Posterior Rami, lateral branches)¹

4.4 Action

- BIL: Extends spine¹
- UNIL: I/L SB¹
- 1. Gilroy AM, MacPherson BR, Wikenheiser JC, Voll MM, Wesker K, Schünke M, eds. *Atlas of Anatomy*. 4th ed. Thieme; 2020.