

INTERCOSTAL MUSCLES

MUSCLE	LOCATION	FIBER DIRECTION	EXTENSION	REPLACED BY
EXTERNAL COSTAL	The most superficial layer	Downwards and forward	<p>*from the inferior border of the rib above to the superior border of the rib below.</p> <p>*from the rib tubercle behind to the costochondral junction in front.</p>	Anteriorly by anterior intercostal membrane
INTERNAL COSTAL	Forms the intermediate layer	downwards and backwards	<p>*From the costal groove of the rib above to the upper border of the rib below.</p> <p>*from the side of the sternum in front to the angles of the ribs behind</p>	posterior (internal) intercostal membrane

INTERCOSTAL MUSCLES

MUSCLE	LOCATION	FIBER DIRECTION	ORIGIN	INSERTION
SUBCOSTALIS	near the angles of the ribs, mainly in the lower intercostal spaces	Parallel with those of the innermost intercostal	Posterior surface of rib	superior surface of rib below
TRANSVERSUS THORACIS	Lower 1/3 of posterior surface of sternum and costal cartilage of the lower true ribs	Horizontal...and become continuous with the transversus abdominis muscle	Sternum and costal cartilages	Internal surface of upper costal cartilages