

Intercostal muscles

Musculi intercostales are divided into intercostales externi, interni and intimi.

- **External intercostal muscles**

they are directed obliquely from behind craniocaudally, as **the membrana intercostalis externa** they continue to the sternum.

Spacing : the lower edge of the rib

Attachment : the upper edge of the adjacent lower rib

Innervation : nn. intercostales T1-T11

Function : inspiratory muscles.

- **Internal intercostal muscles**

they go from front to back craniocaudally, as **membrana intercostalis interna** they continue to the spine

Distance: upper edge of rib

Insertion: the lower edge of the adjacent rib

Innervation : nn. intercostales T1-T11

Function: *expiratory muscles*

- **Musculi intercostales intimi**

the direction of the sheaves is the same as for mm. internal; they are clamped on the inside of sulcus costalis.

Function: *expiratory muscles, extend the chest*

Innervation: nervi intercostales I-XI.

Links

Related articles

- Chest muscles

References

- ČIHÁK, Radomír. *Anatomie 1*. 2. edition. Grada, 2001. 497 pp. ISBN 80-7169-970-5.