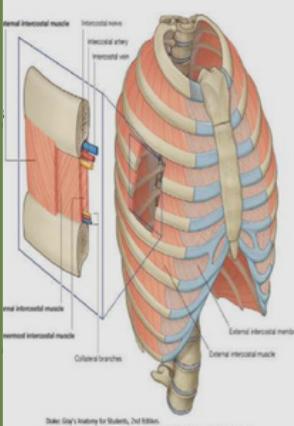
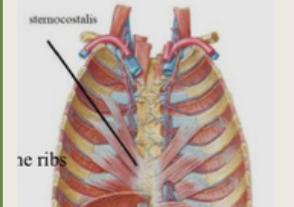


THE INTERCOSTAL SPACES

| MUSCLES | ORIGIN | INSERTION | ACTIONS | EXTENSION | NERVE SUPPLY | PHOTO |
|-------------------------------------|---|---|--|--|-------------------|---|
| EXTERNAL INTERCOSTAL MUSCLE | from the lower border of the rib above. Direction of fibers: obliquely downwards & forwards | into the upper border of the rib below | Elevations of ribs during inspiration | From the tubercle of the rib to the costo-chondral Junction to become the ant. intercostal membrane extending to sternum | Intercostal nerve |  |
| INTERNAL INTERCOSTAL MUSCLE | floor of costal groove of the rib above Direction of fibers: obliquely downwards & backwards | into the upper border of the rib below. | Elevations of ribs during inspiration | From lateral border of the sternum to angle of the rib to become the posterior intercostal membrane | Intercostal nerve | |
| INNERMOST INTERCOSTAL MUSCLE | upper border of costal groove of the rib above Direction of fibers: obliquely downwards & backwards | into the upper border of the rib below. | Elevations of ribs during inspiration | middle 2/4 of the intercostal space considered a slip separated from int. intercostal by intercostal n. & vessels | Intercostal nerve | |
| STERNOCOSTALIS MUSCLE | : 4 or 5 slips from the post-surface of the lower part of the sternum. Direction of fibers: upwards and laterally | the inner surfaces of the Costal Cartilages from the 2nd to the 6th | Support sternocostal joints during movement of the ribs | it lies in the ant-part of the inner surface of the chest wall | Intercostal nerve |  |
| SUBCOSTALIS MUSCLE | Inner surface of the rib medial to the angle Direction of fibers: downwards and medially | Inner surface of 2nd. Or 3rd rib below | Support costotransverse joints during movement of the ribs | _____ | Intercostal nerve |  |