

Download Cross-sectional Analysis Of The Chest And Abdominal Wall

Chest Wall and Diaphragm. Describe the structure of the chest wall and diaphragm and to relate these to respiratory mechanics. The chest wall is formed by the ribs and intercostal muscles: Pain can arise from any of the structures within the abdomen or the abdominal wall. In addition, pain messages originating in the chest, back, or pelvis can sometimes be perceived as coming from the abdomen. Aortic dissection (AD) occurs when an injury to the innermost layer of the aorta allows blood to flow between the layers of the aortic wall, forcing the layers apart. In most cases, this is associated with a sudden onset of severe chest or back pain, often described as "tearing" in character. Abdominal obesity, also known as central obesity, occurs when excessive abdominal fat around the stomach and abdomen has built up to the extent that it is likely to have a negative impact on health.