

Pain By Ribs On Left Side

There are thirty-three vertebrae in the human vertebral column. The rib cage is associated with TH1–TH12. Ribs are described based on their location and connection with the... 8fa95d67b7 The thoracic diaphragm attaches to the costal margin. 8fa95d67b7 == Structure == 8fa95d67b7 A typical human thoracic cage consists of 12 pairs of ribs and the adjoining costal cartilages, the sternum (along with the manubrium and xiphoid process), and the 12 thoracic vertebrae articulating with the ribs. The thoracic cage also provides attachments for extrinsic skeletal muscles of the neck, upper limbs, upper abdomen and back, and together with the overlying skin and associated fascia and muscles, makes up the thoracic wall. 8fa95d67b7 == Etymology == 8fa95d67b7 == Causes == 8fa95d67b7

Subclavian artery On the left side of the body, the subclavian comes directly off the aortic arch, while on the right side it arises from the relatively In human anatomy, the subclavian arteries are paired major arteries of the upper thorax, below the clavicle. On the left side of the body, the subclavian comes directly off the aortic arch, while on the right side it arises from the relatively short brachiocephalic artery when it bifurcates into the subclavian and the right common carotid artery. supplying the head and thorax. The left subclavian artery supplies blood to the left arm and the right subclavian artery supplies blood to the right arm, with some branches supplying the head and thorax. They receive blood from the aortic arch 8fa95d67b7

Thorax : thoraces or thoraxes) or chest is a part of the anatomy of mammals and other tetrapod animals located between the neck and the abdomen. The thorax The thorax (pl. Whereas ribs 8 through 10 are termed false ribs as their costal cartilage articulates with the costal cartilage of the rib above. "floating" 8fa95d67b7

In tetrapods, the rib cage intrinsically holds the muscles of respiration (diaphragm, intercostal muscles, etc.) that are crucial for active inhalation and forced exhalation, and therefore has a major ventilatory function in the respiratory system. 8fa95d67b7 The usual branches of the subclavian on both sides of the body are the vertebral artery, the internal thoracic artery, the thyrocervical trunk, the costocervical trunk and the dorsal scapular artery, which may branch off the transverse cervical artery, which is a branch of the thyrocervical trunk. The subclavian becomes the axillary artery at the lateral border of the first rib. 8fa95d67b7 Rib fractures usually occur from a direct blow to the chest such as during a motor vehicle collision or from a crush injury. Coughing or metastatic cancer may also result in a broken rib. The middle ribs are most commonly fractured. Fractures of the first or second ribs are more likely to be associated with complications. Diagnosis can be made based on symptoms and supported by medical imaging. 8fa95d67b7 Management of chest pain is based on the underlying cause. Initial treatment often includes the medications aspirin and nitroglycerin. The response to... 8fa95d67b7 The thoracic spine begins at the base of the neck and extends to the middle of the trunk. Any pain in this area is considered "middle back pain". 8fa95d67b7

Rib fracture When several ribs are broken in several places a flail chest results. This typically results in chest pain that is worse with inspiration. The middle ribs are most commonly fractured. Fractures of the first or second ribs are more likely to be associated A rib fracture is a break in a rib bone. Potential complications include a pneumothorax, pulmonary contusion, and pneumonia. cancer may also result in a broken rib. Bruising may occur at the site of the break 8fa95d67b7

The exact cause of costochondritis is not known; however, it is believed to be due to repetitive minor trauma, called microtrauma. In rarer cases, costochondritis may develop as a result of an infectious factor. Diagnosis is predominantly clinical and based on physical examination, medical history, and ruling other conditions out. Costochondritis is often confused with Tietze syndrome, due to the similarity in location and symptoms, but with Tietze syndrome being differentiated by swelling of the costal cartilage. 8fa95d67b7 The nine regions offer more detailed anatomy and are delineated by two vertical and two horizontal lines. 8fa95d67b7

Middle back pain It has a few potential causes, ranging from muscle strain to collapse of a vertebra or rare serious diseases. vertebrae in this section attach to a rib on either side of the spine. Each of the ribs then curves around the side of the body and attaches to the breastbone Middle back pain, also known as thoracic back pain, is back pain that is felt in the region of the thoracic vertebrae, which are between the bottom of the neck and top of the lumbar spine. The upper spine is very strong and stable to support the weight of the upper body, as well as to anchor the rib cage which provides a cavity to allow the heart and lungs to function and protect them 8fa95d67b7

Pain control is an important part of treatment. This may include the use of paracetamol (acetaminophen), NSAIDs, or opioids. A nerve block may be another option. While fractured ribs can be wrapped, this may increase complications. In those with a flail chest, surgery may improve outcomes. They are a common injury following trauma. 8fa95d67b7 == Signs and symptoms == 8fa95d67b7 Costochondritis is considered a self-limited condition that will resolve on its own. Treatment... 8fa95d67b7 Like other ribs, the cervical ribs form by endochondral ossification. 8fa95d67b7 == Structure == 8fa95d67b7 Rib fractures can occur with or without direct trauma during recreational activity. Cardiopulmonary resuscitation (CPR) has also been known to cause... 8fa95d67b7

Rib cage All ribs are attached posteriorly The rib cage or thoracic cage is an endoskeletal enclosure in the thorax of most vertebrates that comprises the ribs, vertebral column and sternum, which protect the vital organs of the thoracic cavity, such as the heart, lungs and great vessels and support the shoulder girdle to form the core part of the axial skeleton. The rib cage is associated with TH1–TH12. vertebral column. Ribs are described based on their location and connection with the sternum 8fa95d67b7

Costochondritis 90% of patients are affected in multiple ribs on a single side, typically at the 2nd to 5th ribs. Chest pain,

the primary symptom of costochondritis, Costochondritis, also known as chest wall pain syndrome or costosternal syndrome, is a benign inflammation of the upper costochondral (rib to cartilage) and sternocostal (cartilage to sternum) joints. 90% of patients are affected in multiple ribs on a single side, typically at the 2nd to 5th ribs. One study found costochondritis was responsible for 30% of patients with chest pain in an emergency department setting. Chest pain, the primary symptom of costochondritis, is considered a symptom of a medical emergency, making costochondritis a common presentation in the emergency department 8fa95d67b7

Quadrants and regions of abdomen regions by anatomists and physicians for the purposes of study, diagnosis, and treatment. The quadrants are referred to as the left lower quadrant, left upper quadrant, right upper quadrant and right lower quadrant. These terms are not used in comparative anatomy, since most other animals do not stand erect. The division into four quadrants allows the localisation of pain and The human abdomen is divided into quadrants and regions by anatomists and physicians for the purposes of study, diagnosis, and treatment. The division into four quadrants allows the localisation of pain and tenderness, scars, lumps, and other items of interest, narrowing in on which organs and tissues may be involved 8fa95d67b7

The costal angle is the angle between the left and right costal margins where they join the sternum. 8fa95d67b7

Cervical rib In humans, pathological cervical ribs are usually not of clinical concern, although they can cause a form of thoracic outlet syndrome. They can, however, occur as a pathology. Cervical ribs are the ribs of the neck in many tetrapods. In most mammals, including humans, cervical ribs are not normally present as separate structures. In most mammals, including humans, cervical ribs are not normally present as separate structures Cervical ribs are the ribs of the neck in many tetrapods 8fa95d67b7

== Development == 8fa95d67b7 The left lower quadrant includes the left iliac fossa and half of the flank. The equivalent in other animals is left posterior quadrant. The left upper quadrant extends from the umbilical plane to the left ribcage. This is the left anterior quadrant in other animals. The right upper quadrant extends from umbilical plane to the right ribcage. The equivalent in other animals is right anterior quadrant. The right lower quadrant extends from the umbilical plane to the right inguinal ligament. This in other animals is the right posterior quadrant. 8fa95d67b7 The word thorax comes from the Greek θώραξ thórax "breastplate, cuirass, corslet" via Latin: thorax. 8fa95d67b7 == Structure == 8fa95d67b7 The exact symptoms associated with middle back pain will depend upon the underlying cause. Most middle back pain is not serious in nature. However, it does tend to have more serious pathology associated with it than pain in the neck or low... 8fa95d67b7 From its origin, the subclavian artery travels laterally, passing between anterior and middle scalene muscles, with the anterior scalene on its anterior side and the middle scalene on its posterior. This is in contrast to the subclavian vein... 8fa95d67b7

Costal margin It attaches The costal margin, also known as the costal arch, is the lower edge of the chest (thorax) formed by the bottom edge of the rib cage. (thorax) formed by the bottom edge of the rib cage. The costal margin is the medial margin formed by the cartilages of the seventh to tenth ribs 8fa95d67b7

The costal margin is the medial margin formed by the cartilages of the seventh to tenth ribs. It attaches to the body and xiphoid process of the sternum. 8fa95d67b7 In insects, crustaceans, and the extinct trilobites, the thorax is one of the three main divisions of the body, each in turn composed of multiple segments. 8fa95d67b7 Serious and relatively common causes include acute coronary syndrome such as a heart attack (31%), pulmonary embolism (2%), pneumothorax, pericarditis (4%), aortic dissection (1%) and esophageal rupture. Other common causes include gastroesophageal reflux disease (30%), muscle or skeletal pain (28%), pneumonia (2%), shingles (0.5%), pleuritis, traumatic and anxiety disorders. Determining the cause of chest pain is based on a person's medical history, a physical exam and other medical tests. About 3% of heart attacks, however, are initially missed. 8fa95d67b7 8fa95d67b7 In most cases, the pain is likely to be self-limiting; in that case no diagnostic tests are required, and simple pain relief is sufficient. More severe and prolonged cases may require more specific pain management strategies and occasionally investigations for underlying medical diseases. 8fa95d67b7 The human thorax includes the thoracic cavity and the thoracic wall. It contains organs including the heart, lungs, and thymus gland, as well as muscles and various other internal structures. The chest may be affected by many diseases, of which the most common symptom is chest pain. 8fa95d67b7

Chest pain It can be divided into heart-related and non-heart-related pain. Associated symptoms may include pain in the shoulder, arm, upper abdomen, or jaw, along with nausea, sweating, or shortness of breath. Pain due to insufficient blood flow to the heart is also called angina pectoris. It may be described as sharp, dull, pressure, heaviness or squeezing. Those with diabetes or the elderly may have less clear symptoms. Prinzmetal's angina: Chest pain is caused by coronary vasospasm. It is more common in women Chest pain is pain or discomfort in the chest, typically the front of the chest. nerve; lateral infarction is associated with left arm pain 8fa95d67b7

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