

Pain In Right Upper Abdomen

Referred pain referred pain in the upper abdomen, the oblique muscles, and the throat. Referred pain has been described since the late 1880s. An example is the case of angina pectoris brought on by a myocardial infarction (heart attack), where pain is often felt in the left side of the neck, left shoulder, and back rather than in the thorax (chest), the site of the injury. The International Association for the Study of Pain has not officially defined the term; hence, several authors have defined it differently. Local pain in the prostate can radiate referred pain to the abdomen, lower back Referred pain, also called reflective pain, is pain perceived at a location other than the site of the painful stimulus. Despite an increasing amount of literature on the subject, the biological mechanism of referred pain is unknown, although there are several hypotheses 8f08cf4937

The epigastrium is one of the nine regions of the abdomen, along with the right and left hypochondria, right and left lateral regions (lumbar areas or flanks), right and left inguinal regions (or fossae), and the umbilical and pubic regions. It is located between the costal margins and the subcostal plane. 8f08cf4937

Right ventricular hypertrophy It is located towards the right lower chamber of the heart and it receives deoxygenated blood from the right upper chamber (right atrium) and pumps blood into the lungs. Feeling of fullness in the upper abdominal area Discomfort or pain in the right upper abdomen Reduced appetite Swelling (oedema) of the legs, ankles or feet Right ventricular hypertrophy (RVH) is a condition defined by an abnormal enlargement of the cardiac muscle surrounding the right ventricle. The right ventricle is one of the four chambers of the heart 8f08cf4937

== Signs and symptoms == 8f08cf4937 In vertebrates, the abdomen is a large body cavity enclosed by the abdominal muscles, at the front and to the sides, and by part of the vertebral column at the back. Lower ribs can also enclose ventral and lateral walls. The abdominal cavity is continuous with, and above, the pelvic cavity. It is attached to the thoracic cavity by the diaphragm. Structures such as the aorta, inferior vena... 8f08cf4937 The liver is in the right hypochondrium, extending through the epigastrium and reaching the left hypochondrium. The spleen and some of the stomach are in the left hypochondrium. 8f08cf4937 Common causes of pain in the abdomen include gastroenteritis and irritable bowel syndrome. About 15% of people have a more serious underlying condition such as appendicitis, leaking or ruptured abdominal aortic aneurysm, diverticulitis, or ectopic pregnancy. In a third of cases, the exact cause is unclear. 8f08cf4937

Abdomen In arthropods, it is the posterior tagma of the body; it follows the thorax or cephalothorax. The area occupied by the abdomen is called the abdominal cavity. An abdomen (also belly or stomach in vertebrates, or metasoma in arthropods) is the front part of the torso between the thorax (chest) and pelvis in humans An abdomen (also belly or stomach in vertebrates, or metasoma in arthropods) is the front part of the torso between the thorax (chest) and pelvis in humans and in other vertebrates 8f08cf4937

During breathing, the diaphragm contracts and flattens, displacing the viscera and producing an outward movement of the upper abdominal wall (epigastric region). It is a convergence of the diaphragm and the abdominals, so that "when both sets of muscles (diaphragm and abdominals) tense, the epigastrium pushes forward". Therefore, the epigastric region is not a muscle nor is it an organ, but it is a zone of activity where the actions of the rectus abdominis and the diaphragm produce an outward bulging of the upper abdominal wall. 8f08cf4937

Epigastrium It is located between the costal margins and the subcostal In anatomy, the epigastrium (or epigastric region) is the upper central region of the abdomen. In anatomy, the epigastrium (or epigastric region) is the upper central region of the abdomen. It is located between the costal margins and the subcostal plane. Pain may be referred to the epigastrium from damage to structures derived from the foregut 8f08cf4937

== Structure == 8f08cf4937

Hypochondrium They are located on the lateral sides of the abdominal wall respectively, inferior to (below) the thoracic cage, being separated by the epigastrium. refers to the two hypochondriac regions in the upper third of the abdomen; the left hypochondrium and right hypochondrium. They are located on the lateral In anatomy, the division of the abdomen into regions can employ a nine-region scheme. The hypochondrium refers to the two hypochondriac regions in the upper third of the abdomen; the left hypochondrium and right hypochondrium 8f08cf4937

Quadrants and regions of abdomen The quadrants are referred to as the left lower quadrant, left upper quadrant, right upper quadrant and right lower quadrant. quadrant in other animals. 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. The equivalent in other animals is right anterior The human abdomen is divided into quadrants and regions by anatomists and physicians for the purposes of study, diagnosis, and treatment. These terms are not used in comparative anatomy, since most other animals do not stand erect. The right upper quadrant extends from umbilical plane to the right ribcage 8f08cf4937

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. 8f08cf4937

Chest pain Those with diabetes or the elderly may have less clear symptoms. 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. Associated symptoms may include pain in the shoulder, arm, upper abdomen, or jaw, along with nausea, sweating, or shortness of breath Chest pain is pain or discomfort in the chest, typically the front of the chest. heaviness or squeezing. It may be described as sharp, dull, pressure, heaviness or squeezing. It can be divided into heart-related and non-heart-related pain 8f08cf4937

Since RVH is an enlargement of muscle it arises when the muscle is required to work harder. Therefore, the main causes of RVH are pathologies of systems related to the right ventricle such as the pulmonary artery, the tricuspid valve or the airways. In humans, the abdomen stretches from the thorax at the thoracic diaphragm to the pelvis at the pelvic brim. The pelvic brim stretches from the lumbosacral joint (the intervertebral disc between L5 and S1) to the pubic symphysis and is the edge of the pelvic inlet. The space above this inlet and under the thoracic diaphragm is termed the abdominal cavity. The boundary of the abdominal cavity is the abdominal wall in the front and the peritoneal surface at the rear.

Rovsing's sign If palpation of the left lower quadrant of a person's abdomen increases the pain felt in the right lower quadrant, the patient is said to have a positive Rovsing's sign, named after the Danish surgeon Niels Thorkild Rovsing (1862–1927), is a sign of appendicitis. The phenomenon was first described by Swedish surgeon Emil Samuel Perman (1856–1945) writing in the journal *Hygiea* in 1904. If palpation of the left lower quadrant of a person's abdomen increases the pain felt in the right lower quadrant, the patient is said to have a positive Rovsing's sign and may have appendicitis

Some sources have disputed usage of the term for the parts of the anterior... == Definitions, etymology, and modern controversies == 2... 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. RVH can be benign and have little impact on day-to-day life or it can lead to conditions such as heart failure, which has a poor prognosis. == Referral of pain == Advantages == In acute appendicitis, palpation in the left iliac fossa may produce pain in the right iliac fossa. The word derives from the Greek word *υποχόνδριο* ("hypochondrio"). This Greek word means literally "below the cartilage" which refers to the costal cartilages. In other words, the word refers to the area of the ventral trunk that is located below the costal cartilages. The word once referred only to the soft portion of the abdomen between the rib cage and the navel (the region once believed to be the seat of hypochondriasis), but it is not used that way in modern anatomy's schemes for the regions of the abdomen. The nine regions offer more detailed anatomy and are delineated by two vertical and two horizontal lines. Management of chest pain is based on the underlying cause. Initial treatment often includes the medications aspirin and nitroglycerin. The response to... Multidetector CT (MDCT) can clearly delineate anatomic structures in the abdomen, which is critical in the diagnosis of internal diaphragmatic and other nonpalpable or unsuspected hernias. MDCT also offers clear detail of the abdominal wall allowing wall hernias to be identified accurately.

Abdominal pain Abdominal pain, also known as a stomach ache, is a symptom associated with both non-serious and serious medical issues. Since the abdomen contains most of the body's vital organs, it can be an indicator of a wide variety of diseases. Given that, approaching the examination of a person and planning of a differential diagnosis is extremely important. Since the abdomen contains most Abdominal pain, also known as a stomach ache, is a symptom associated with both non-serious and serious medical issues

Computed tomography of the abdomen and pelvis CT is also the first line for detecting solid organ injury after trauma. Renal stones Computed tomography of the

abdomen and pelvis is an application of computed tomography (CT) and is a sensitive method for diagnosis of abdominal diseases. It is used frequently to determine stage of cancer and to follow progress. Renal stones, appendicitis, pancreatitis, diverticulitis, abdominal aortic aneurysm, and bowel obstruction are conditions that are readily diagnosed and assessed with CT. abdominal pain (especially of the lower quadrants, whereas ultrasound is the preferred first line investigation for right upper quadrant pain). It is also a useful test to investigate acute abdominal pain (especially of the lower quadrants, whereas ultrasound is the preferred first line investigation for right upper quadrant pain) 8f08cf4937

Radiating pain is slightly different from referred pain; for example, the pain related to a myocardial infarction could either be referred or radiating pain from the chest. Referred pain is when the pain is located away from or adjacent to the organ involved; for instance, when a person has pain only in their jaw or left arm, but not in the chest. Radiating pain would have an origin, where the patient can perceive pain, but the pain also spreads ("radiates") out from this origin point to cause... 8f08cf4937

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