

Ruptured Abdominal Aortic Aneurysm

Unruptured inflammatory AAAs... 75c3a43847

Aortic rupture Aortic rupture is distinct from aortic dissection, which is a tear through the inner wall of the aorta that can block the flow of blood through the aorta to the heart or abdominal organs. The most common cause is an abdominal aortic aneurysm that has ruptured spontaneously. Aortic rupture is distinct from aortic dissection, which is a tear Aortic rupture is the breakage of all walls of the aorta, the largest artery in the body. The most common cause is an abdominal aortic aneurysm that has ruptured spontaneously.

Aortic rupture is a rare, extremely dangerous condition that is considered a medical emergency 75c3a43847

Aneurysm of the aortic sinus The aorta normally has three small pouches that sit directly above the aortic valve (the sinuses of Valsalva), and an aneurysm of one of these sinuses is a thin-walled swelling. description of sinus of Valsalva aneurysm was made in 1939. These aneurysms may not cause any symptoms but if large can cause shortness of breath, palpitations or blackouts. Aortic sinus aneurysms can burst or rupture into adjacent cardiac chambers, which can lead to heart failure if untreated. Aortic aneurysm Thoracic aortic aneurysm Abdominal aortic aneurysm Topi, Bernard; John Jinu (2012) Aneurysm of the aortic sinus, also known as the sinus of Valsalva, is a rare abnormality of the aorta, the largest artery in the body. Aneurysms may affect the right (65-85%), non-coronary (10-30%), or rarely the left (< 5%) coronary sinus 75c3a43847

Aneurysm Aneurysms can arise in the heart following a heart attack, including both ventricular and atrial septal aneurysms. Although they may occur in any blood vessel, particularly lethal examples include aneurysms of the circle of Willis in the brain, aortic aneurysms affecting the thoracic aorta, and abdominal aortic aneurysms. Aneurysms may be a result of a hereditary condition or an acquired disease. include aneurysms of the circle of Willis in the brain, aortic aneurysms affecting the thoracic aorta, and abdominal aortic aneurysms. As an aneurysm increases in size, the risk of rupture increases, which could lead to uncontrolled bleeding. Aneurysms can arise An aneurysm is an outward bulging, likened to a bubble or balloon, caused by a localized, abnormal, weak spot on a blood vessel wall. Aneurysms can also be a nidus (starting point) for clot formation (thrombosis) and embolization. There are congenital atrial septal aneurysms, a rare heart defect 75c3a43847

Blue scrotum sign of Bryant It generally appears three or four days after first The blue scrotum sign of Bryant, also known as Bryant's

blue sign, is bruising of the scrotum, typically associated with a ruptured abdominal aortic aneurysm (AAA). is bruising of the scrotum, typically associated with a ruptured abdominal aortic aneurysm (AAA). It generally appears three or four days after first experiencing pain, though may occur hours after and sometimes weeks after the rupture 75c3a43847

Tumors, both benign and cancerous, can cause rupture and acute bleeding in the liver, kidneys, gallbladder, adrenal gland, and other organs. 75c3a43847 == Signs and symptoms == 75c3a43847 An aortic rupture can be classified according to its cause into one of the following main types: 75c3a43847 A thoracic aortic aneurysm is the "ballooning" of the upper aspect of the aorta, above the diaphragm. Untreated or unrecognized they can be fatal due to dissection or "popping" of the aneurysm leading to nearly instant death. Thoracic aneurysms are less common than an abdominal aortic aneurysm. However, a syphilitic aneurysm is more likely to be a thoracic aortic aneurysm than an abdominal aortic aneurysm. This condition is commonly treated via a specialized multidisciplinary approach with both vascular surgeons and cardiac surgeons. 75c3a43847

Abdominal aortic aneurysm Large aneurysms can sometimes be felt by pushing on the abdomen. An AAA usually causes no symptoms, except during rupture. 2 in) or more than 50% larger than normal. Abdominal aortic aneurysm (AAA) is a localized enlargement of the abdominal aorta such that the diameter is greater than 3 cm (1. Occasionally, abdominal, back, or leg pain may occur. Rupture may result in pain in the abdomen or back, low blood pressure, or loss of consciousness, and often results in death. 2 in) or more than 50% Abdominal aortic aneurysm (AAA) is a localized enlargement of the abdominal aorta such that the diameter is greater than 3 cm (1 75c3a43847

Thoracic aortic aneurysm Thoracic aneurysms are less common than an abdominal aortic aneurysm. However, a syphilitic aneurysm is more A thoracic aortic aneurysm is an aortic aneurysm that presents primarily in the thorax. the aneurysm leading to nearly instant death 75c3a43847

Blue scrotum sign of Bryant is a medical sign associated with a ruptured abdominal aortic aneurysm (AAA) that is leaking relatively slowly. 75c3a43847 Patients with aneurysms require elective repair of their aneurysm when it reaches a diameter large enough (typically greater than... 75c3a43847 The cause remains an area of active research. Known causes include trauma, infection, and inflammatory disorders. Risk factors include cigarette smoking, heavy alcohol consumption, advanced age, harmful patterns of high cholesterol in the blood, high blood pressure, and coronary artery disease. The pathophysiology of the disease is related to an initial arterial insult causing a cascade of inflammation and extracellular matrix protein breakdown by proteinases leading to arterial wall weakening. They are most commonly located in the abdominal aorta, but can also be located in the thoracic aorta. 75c3a43847 == Etymology == 75c3a43847 Aortic sinus aneurysms may occur in isolation, or may be seen in association with other diseases of the

aorta including Marfan syndrome, Loeys-Dietz syndrome, and bicuspid aortic valve. They can be diagnosed using an echocardiogram or cardiac magnetic resonance imaging (MRI) scan. Treatment includes blood pressure control but surgical repair may be needed, especially if the aneurysm ruptures. 75c3a43847 Aortic aneurysms result from a weakness in the wall of the aorta and increase the risk of aortic rupture. When rupture occurs, massive internal bleeding results and, unless treated immediately, shock and death can occur. One review stated that up to 81% of people having abdominal aortic aneurysm rupture will die directly as a consequence thereof, with... 75c3a43847 Traumatic aortic rupture 75c3a43847 Inflammatory Aortic Aneurysms occur typically in a younger population compared to the typical Abdominal Aortic Aneurysm group. Risk of rupture for the IAA group, due to thinning of aneurysm walls, are also rare due to inflammation and fibrosis 75c3a43847 Aortic rupture secondary to an aortic aneurysm 75c3a43847 Standard EVAR is appropriate for aneurysms that begin below the renal arteries, where there exists an adequate length of normal aorta (the "proximal aortic neck") for reliable attachment of the endograft without leakage of blood around the device ("endoleak"). If the proximal aortic neck is also involved with the aneurysm, the patient may be a candidate for complex visceral EVAR with a fenestrated or branched EVAR. 75c3a43847 The sign is named after British physician John Henry Bryant, who first described it in 1903. 75c3a43847 == Presentation == 75c3a43847

Abdominal apoplexy Examples of these include a ruptured abdominal aortic aneurysm, or a rupture of any arterial visceral aneurysm (e. primarily ruptured (torn) blood vessels. g Abdominal apoplexy, also called spontaneous intra-abdominal hemorrhage or idiopathic spontaneous intraperitoneal hemorrhage (ISIH), is a surgical emergency 75c3a43847

If unruptured, sinus of Valsalva aneurysm (commonly abbreviated SVA or SOVA) is usually asymptomatic and typically goes undetected... 75c3a43847 == Symptoms and signs == 75c3a43847 AAAs occur most commonly in men, those over 50, and those with a family history of the disease. Additional risk factors include smoking, high blood pressure, and other heart or blood vessel diseases. Genetic conditions with an increased risk include Marfan syndrome and Ehlers-Danlos syndrome. AAAs are the most common form of aortic aneurysm. About 85% occur below the kidneys, with the rest either at the level of or above the kidneys. In the United States, screening with abdominal ultrasound is recommended for males between 65 and 75 years of age with a history of smoking. In the United Kingdom and Sweden, screening all men over 65 is recommended. Once an aneurysm is found, further ultrasounds are typically done regularly... 75c3a43847 == Causes == 75c3a43847

Endovascular aneurysm repair In 2003, EVAR surpassed open aortic surgery as the most common technique for repair of AAA, and in 2010, EVAR accounted for 78% of all intact AAA repair in the United States. " EVAR involves the placement of an expandable stent graft within the aorta to treat aortic disease without operating directly on the aorta. aneurysm repair (EVAR) is a type of minimally-

invasive endovascular surgery used to treat pathology of the aorta, most commonly an abdominal aortic aneurysm Endovascular aneurysm repair (EVAR) is a type of minimally-invasive endovascular surgery used to treat pathology of the aorta, most commonly an abdominal aortic aneurysm (AAA). When used to treat thoracic aortic disease, the procedure is then specifically termed TEVAR for "thoracic endovascular aortic/aneurysm repair 75c3a43847

External causes of internal abdominal bleeding include the effects of anticoagulation therapy and physical trauma (e.g., from a fall, a car wreck, or a violent incident). 75c3a43847 Inflammation, such as pancreatitis, spontaneous rupture of the spleen due to infectious mononucleosis, and polyarteritis nodosa can sometimes cause abdominal bleeding. 75c3a43847

Aortic aneurysm One review stated that up to 81% of people having abdominal aortic aneurysm rupture will die directly as a consequence thereof, with 32% dying An aortic aneurysm is an enlargement (dilatation) of the aorta to greater than 1.5 times normal size. Typically, there are no symptoms except when the aneurysm dissects or ruptures, which causes sudden, severe pain in the abdomen and lower back. occur 75c3a43847

There are many causes of internal bleeding in the abdomen. They include vascular causes, primarily ruptured (torn) blood vessels. Examples of these include a ruptured abdominal aortic aneurysm, or a rupture of any arterial visceral aneurysm (e.g., a torn hepatic artery) or varices associated with portal hypertension. 75c3a43847

Inflammatory aortic aneurysm Some common symptoms of IAA may include back pain, abdominal tenderness, fevers, weight loss or elevated Erythrocyte sedimentation rate (ESR) levels. Inflammatory aortic aneurysm (IAA), also known as Inflammatory abdominal aortic aneurysm (IAAA), is a type of abdominal aortic aneurysm (AAA) where the Inflammatory aortic aneurysm (IAA), also known as Inflammatory abdominal aortic aneurysm (IAAA), is a type of abdominal aortic aneurysm (AAA) where the walls of the aneurysm become thick and inflamed. Similar to AAA, IAA occurs in the abdominal region. IAA occurs mainly in a population that is on average younger by 10 years than most AAA patients. Corticosteroids and other immunosuppressive drugs have been found to decrease symptoms and the degree of peri-aortic inflammation and fibrosis. IAA is closely associated and believed to be a response to and extensive peri-aneurysmal fibrosis, which is the formation of excess fibrous connective tissue in an organ or tissue in a reparative or reactive process IAA accounts for 5-10% of aortic aneurysms 75c3a43847

== Definition == 75c3a43847 == Medical uses == 75c3a43847 The word is from Greek: ἀνεύρυσμα, aneurysma, "dilation", from ἀνευρύναι, aneurynein, "to dilate". 75c3a43847 Among women, bleeding can be caused by a ruptured ectopic pregnancy, by uterine rupture, and by various problems that cause the ovaries or the ovarian artery to start bleeding, including ovarian cancer and corpus

luteum cysts. 75c3a43847

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