

Second Heart Of The Body

All songs written by Ryan Guldemon.

2ca7e0f251 == Mammals == 2ca7e0f251

Congenital heart defects are the most common birth defect. In 2015, they were present in 48.9 million people globally. They affect between 4 and 75 per 1,000 live births, depending upon how they are diagnosed. In about 6 to 19 per 1,000 they cause a moderate to severe degree of problems. Congenital heart defects are the leading cause of birth defect... 2ca7e0f251 The American Heart Association states the normal resting adult human heart rate is 60–100 bpm.

An ultra-trained athlete may have a resting heart rate of 37–38 bpm. 2ca7e0f251 The heart pumps blood with a rhythm determined by a group of pacemaker cells in the sinoatrial node. These generate an electric current that causes the heart to contract, traveling through...

2ca7e0f251 Although symptoms vary based on which side of the heart is affected, HF typically presents with shortness of breath, excessive fatigue, and bilateral leg swelling. The severity of the heart failure is mainly decided based on

ejection fraction and also measured by the severity of symptoms. Other conditions that have symptoms similar to heart failure include obesity, kidney failure, liver disease, anemia, and thyroid disease. 2ca7e0f251

Heart failure Failure of the left side of the heart causes blood to back up into the lungs, causing Heart failure (HF), also known as congestive heart failure (CHF), is a syndrome caused by an impairment in the heart's ability to fill with and pump blood. circulatory system in the body (except for the pulmonary circulation) 2ca7e0f251

== Track listing == 2ca7e0f251 Mammalian embryos develop two body cavities: the intraembryonic coelom and the extraembryonic coelom (or chorionic cavity). The intraembryonic coelom is lined by somatic and splanchnic lateral plate mesoderm, while the extraembryonic coelom is lined by extraembryonic mesoderm. The intraembryonic coelom is the only cavity that persists in the mammal at term, which is why its name is often... 2ca7e0f251 The heart tube elongates on the right side, looping and becoming the first visual sign of left-right asymmetry of the body. Septa form within the atria and ventricles to separate the left and right sides of the heart. 2ca7e0f251 Tachycardia is a

high heart rate, defined as above 100 bpm at rest. 2ca7e0f251 The mission of the organization, updated in 2018, is "To be a relentless force for a world of longer, healthier lives." The organization's work can be divided into five key areas: research; heart and brain health; equitable health... 2ca7e0f251

American Heart Association The American Heart Association is also known for operating a number of highly visible public service campaigns starting in the 1970s, and also operates several fundraising events. They are known for publishing guidelines on cardiovascular disease and prevention, standards on basic life support, advanced cardiac life support (ACLS), pediatric advanced life support (PALS), and in 2014 issued the first guidelines for preventing strokes in women. The American Heart Association (AHA) is a nonprofit organization in the United States that funds cardiovascular medical research, educates consumers on The American Heart Association (AHA) is a nonprofit organization in the United States that funds cardiovascular medical research, educates consumers on healthy living and fosters appropriate cardiac care in an effort to reduce disability and deaths caused by cardiovascular disease and stroke 2ca7e0f251

In Theology of the Body, John Paul II intends to

establish an adequate anthropology in which the human body reveals God. He examines man and woman before the Fall, after it, and at the resurrection of the dead. He also contemplates the sexual complementarity of man and woman. He explores the nature of marriage, celibacy and virginity, and expands on the teachings in *Humanae vitae* on contraception. According to author Christopher West, the central thesis of John Paul's *Theology of the Body* is that "the body, and it alone, is capable of making visible what is invisible: the spiritual and the divine. It was created to transfer into the visible reality of the world, the mystery hidden since time immemorial in God, and thus to be a sign of it."

2ca7e0f251 Originally formed in Chicago in 1924, the American Heart Association is currently headquartered in Dallas, Texas. It was originally headquartered in New York City. The American Heart Association is a national voluntary health agency. 2ca7e0f251 In humans, the heart is divided into four chambers: upper left and right atria and lower left and right ventricles. Commonly, the right atrium and ventricle are referred together as the right heart and their left counterparts as the left heart. In a healthy heart, blood flows one way through the heart due to heart valves, which prevent backflow. The heart is enclosed in a protective sac, the pericardium, which also contains a small

amount of fluid. The wall of the heart is made up of three layers: epicardium, myocardium, and endocardium. 2ca7e0f251

Heart This organ pumps blood through the blood vessels. The heart and blood vessels together make up the circulatory system. In humans, the heart is approximately the size of a closed fist and is located between the lungs, in the middle compartment of the chest, called the mediastinum. to be on the left because the left heart is stronger and larger, since it pumps to all body parts. The pumped blood carries oxygen and nutrients to the tissue, while carrying metabolic waste such as carbon dioxide to the lungs. Because the heart is between the lungs, the left lung The heart is a muscular organ found in humans and other animals 2ca7e0f251

Theology of the Body Peter's Square and the Paul VI Audience Hall between September 5, 1979, and November 28, 1984. It constitutes an analysis on human sexuality. The complete addresses were later compiled and expanded upon in many of John Paul's encyclicals, letters, and exhortations. Peter's Square and the Paul Theology of the Body is the topic of a series of 129 lectures given by Pope John Paul II during his Wednesday audiences in St. Theology of the Body is the topic of a series of 129 lectures

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Heart murmurs are generated by turbulent flow of blood and a murmur to be heard as turbulent flow must require pressure difference of at least 30 mm of Hg between the chambers and the pressure dominant chamber will outflow the blood to non-dominant chamber in diseased condition which leads to Left-to-right shunt or Right-to-left shunt based on the pressure dominance. Turbulence may... 2ca7e0f251

Heart sounds Specifically, the sounds reflect the turbulence created when the heart valves snap shut. with each heartbeat. These are the first heart sound (S1) and second heart sound (S2), produced by the closing of the atrioventricular valves and semilunar Heart sounds are the noises generated by the beating heart and the resultant flow of blood through it. In cardiac auscultation, an examiner may use a stethoscope to listen for these unique and distinct sounds that provide important auditory data regarding the condition of the heart 2ca7e0f251

"Hayloft II", a sequel to "Hayloft", was released on the deluxe edition of the band's 2021 album Inside. The album at one point included a bonus

track called “Heart Heavy” which was originally only available via purchase of the whole album on iTunes. 2ca7e0f251 The two largest human body cavities are the ventral body cavity, and the dorsal body cavity. In the dorsal body cavity the brain and spinal cord are located.

2ca7e0f251 Common causes of heart failure include coronary artery disease, heart attack, high blood pressure, atrial fibrillation, valvular heart disease, excessive alcohol consumption, infection, and cardiomyopathy. These cause heart failure by altering the structure or the function of the heart or in some cases both. There are different types of heart failure: right-sided heart failure, which affects the right heart, left-sided heart failure, which affects the left heart, and biventricular heart failure, which affects both sides of the heart. Left-sided heart failure may be present with a reduced ejection fraction or with... 2ca7e0f251

Heart development This begins with the formation of two endocardial tubes which merge to form the tubular heart, also called the primitive heart tube. The heart is the first functional organ in vertebrate embryos. This begins with the formation of two endocardial tubes Heart development, also known as cardiogenesis, refers to the prenatal development of the heart. Heart development,

also known as cardiogenesis, refers to the prenatal development of the heart 2ca7e0f251

Congenital heart defect heart disease, is a defect in the structure of the heart or great vessels that is present at birth. A complication of CHD is heart failure. Symptoms can vary from none to life-threatening. A congenital heart defect is classed as a cardiovascular disease. CHD does not cause chest pain. Most congenital heart defects are not associated with other diseases. A congenital heart defect is classed as a cardiovascular A congenital heart defect (CHD), also known as a congenital heart anomaly, congenital cardiovascular malformation, and congenital heart disease, is a defect in the structure of the heart or great vessels that is present at birth. Signs and symptoms depend on the specific type of defect. Due to recent advances in the management of patients with CHD, an increased number of patients may develop heart failure and might even require heart transplantation in future. When present, symptoms are variable and may include rapid breathing, bluish skin (cyanosis), poor weight gain, and feeling tired 2ca7e0f251

produced by the closing of the atrioventricular valves and semilunar valves, respectively. In addition to these normal sounds, a variety of

other sounds may be present including heart murmurs, adventitious sounds, and gallop rhythms S3 and S4. In healthy adults, there are two normal heart sounds, often described as a lub and a dub that occur in sequence with each heartbeat. These are the first heart sound (S1) and second heart sound (S2). The membranes that surround the central nervous system organs (the brain and the spinal cord, in the cranial and spinal cavities) are the three meninges. The differently lined spaces contain different types of fluid. In the meninges for example the fluid is cerebrospinal fluid; in the abdominal cavity the fluid contained in the peritoneum is a serous fluid. At present the Theology of the Body has been widely used...

Body cavity contain fluid. The two largest human body cavities are the ventral body cavity, and the dorsal body cavity. In the dorsal body cavity the brain and spinal A body cavity is any space or compartment, or potential space, in an animal body. Cavities accommodate organs and other structures; cavities as potential spaces contain fluid

The heart derives from embryonic mesodermal germ layer cells that differentiate after gastrulation into mesothelium, endothelium, and

myocardium. Heart induction occurs in the anterior mesoderm during gastrulation through interactions with adjacent endoderm (both extra-embryonic and definitive) mediated primarily by endogenous inhibitors... 2ca7e0f251 Bradycardia is a low heart rate, defined as below 60 bpm at rest. When a human sleeps, a heartbeat with rates around 40–50 bpm is common and considered normal. When the heart is not beating in a regular pattern, this is referred to as a arrhythmia. Abnormalities of heart rate sometimes indicate heart disease. 2ca7e0f251 == Physiology == 2ca7e0f251 == Early development == 2ca7e0f251

O My Heart In late 2020, "Hayloft", "Arms Tonite", "Wrecking Ball" and "Burning Pile" went viral on the video-sharing app TikTok. Videos for the songs "O My Heart", "Body of Years", and "Hayloft" were released. Heart (Stylised as "O My ♥") is the second album by Vancouver-based indie rock band Mother Mother, released in 2008. Videos for the songs "O My Heart" O My Heart (Stylised as "O My ♥") is the second album by Vancouver-based indie rock band Mother Mother, released in 2008 2ca7e0f251

Heart rate Heart rate is the frequency of the heartbeat measured by the number of

contractions of the heart per minute (beats per minute or bpm). It is usually equal or close to the pulse rate measured at any peripheral point. The heart rate varies according to the body's physical needs, including the need to absorb oxygen and excrete carbon dioxide. It is also modulated by numerous factors, including genetics, physical fitness, stress or psychological status, diet, drugs, hormonal status, environment, and disease/illness, as well as the interaction between these factors. The heart rate varies Heart rate is the frequency of the heartbeat measured by the number of contractions of the heart per minute (beats per minute or bpm) 2ca7e0f251

In amniotes and some invertebrates the peritoneum lines their largest body cavity called the coelom. 2ca7e0f251 The tubular heart quickly differentiates into the truncus arteriosus, bulbus cordis, primitive ventricle, primitive atrium, and the sinus venosus. The truncus arteriosus splits into the ascending aorta and the pulmonary trunk. The bulbus cordis forms part of the ventricles. The sinus venosus connects to the fetal circulation. 2ca7e0f251

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