

Human Being Internal Organs

The main male sex organs are the penis and the scrotum, which contains the testicles that produce semen and sperm, which, as part of sexual intercourse, fertilize an ovum in the female's body; the fertilized ovum (zygote) develops into a fetus, which is later born as an infant. The corresponding system in females is the female reproductive system. 963773c74a Involuntary organ harvesting was once legal on criminals, but outlawed in 2015. Growing concerns about possible ethical abuses arising from coerced consent and corruption led medical groups and human rights organizations, by the 1990s, to condemn the practice. These concerns resurfaced in 2001, when a Chinese asylum-seeking doctor testified that he had taken part in organ extraction operations. 963773c74a As of April 21, 2026, there were 103,223 people waiting for life-saving organ transplants in... 963773c74a == Procedures == 963773c74a Donation after circulatory death (DCD), also called donation after cardiac death, refers to organ donation from patients in whom life-sustaining... 963773c74a

Human trafficking This exploitation may include forced labor, sexual slavery, or other forms of commercial sexual exploitation. Human trafficking is the unlawful act of entrapping, transporting, transferring, harboring, or buying human beings through force, fraud, or coercion for Human trafficking is the unlawful act of entrapping, transporting, transferring, harboring, or buying human beings through force, fraud, or coercion for the purpose of exploiting them for profit. Efforts to combat human trafficking involve international laws, national policies, and non-governmental organizations. It is believed that human trafficking has become more common over the past two and a half decades. It is a form of modern slavery, a crime against humanity and serious violation of human rights 963773c74a

Human digestive system The process of digestion has three stages: the cephalic phase, the gastric phase, and the intestinal phase. Digestion involves the breakdown of food into smaller and smaller components, until they can be absorbed and assimilated into the body. The human digestive system consists of the gastrointestinal tract plus the accessory organs of digestion (the tongue, salivary glands, pancreas, liver The human digestive system consists of the gastrointestinal tract plus the accessory organs of digestion (the tongue, salivary glands, pancreas, liver, and gallbladder) 963773c74a

Human body cells that together create tissues and subsequently organs and then organ systems. It is composed of many different types of cells that together create tissues and subsequently organs and then organ systems. The external human body consists of a head, hair, neck, torso (which The human body is the entire structure of a human being 963773c74a

The first stage, the cephalic phase of digestion, begins with secretions from gastric glands in response to the sight and smell of food, and continues in the mouth with the mechanical breakdown of food by chewing, and the chemical breakdown by digestive enzymes in the saliva. Saliva contains amylase, and lingual lipase, secreted by the salivary glands, and serous glands on the tongue. Chewing mixes the food with saliva to produce a food bolus to be swallowed down the esophagus to enter the stomach. The second stage, the gastric phase, takes place in the stomach, where the food is further broken down by mixing with gastric juice until it passes into the duodenum, the first part of the small intestine. The intestinal phase where the partially digested food is mixed with pancreatic... 963773c74a If the organ donor is human, most countries require that the donor be legally dead for consideration of organ transplantation (e.g., cardiac death or brain death). For some organs, a living donor can be the source of the organ. For example, living donors can donate one kidney or part of their liver to a well-matched recipient. 963773c74a Constructing and installing artificial organs, an extremely research-intensive and expensive process initially, may entail many years of ongoing maintenance services... 963773c74a Practitioners of internal medicine are referred to as internists in North America and physicians in Britain and most Commonwealth nations. Internists possess specialized skills in managing patients with undifferentiated or multi-system disease processes. They provide care to both hospitalized (inpatient) and ambulatory (outpatient) patients, as their patients are frequently seriously ill or require extensive medical tests. Internists often have subspecialty interests in diseases affecting particular organs or organ systems, and often contribute significantly to teaching and research. The certification process and available subspecialties may vary across different countries. 963773c74a The external human body consists of a head, hair, neck, torso (which includes the thorax and abdomen), genitals, arms, hands, legs, and feet. The internal human body includes organs, teeth, bones, muscles, tendons, ligaments, blood vessels and blood, lymphatic vessels and lymph. 963773c74a In 2019, Spain had the highest donor rate in the world at 46.91 per million people, followed by the US (36.88 per million), Croatia (34.63 per million), Portugal (33.8 per million), and France (33.25 per million). 963773c74a

Artificial organ For example, replacement bones and joints, such as those found in hip replacements, could also be considered artificial organs. The replaced function does not have to be related to life support, but it often is. An artificial organ is a human-made organ device or tissue that is implanted or integrated into a human - interfacing with living tissue - to replace An artificial organ is a human-made organ device or tissue that is implanted or integrated into a human - interfacing with living tissue - to replace a natural organ, to duplicate or augment a specific function or functions so the patient may return to a normal life as soon as possible 963773c74a

The study of the human body includes anatomy, physiology, histology, and embryology. The body varies anatomically in known ways. Physiology focuses on the systems and organs of the human body and their functions. Many systems and mechanisms interact in order to maintain homeostasis, with safe levels of substances such as sugar, iron, and oxygen in the blood. 963773c74a

Organ procurement Organ procurement (also called surgical recovery) is a surgical procedure that removes organs or tissues for reuse, typically for organ transplantation Organ procurement (also called surgical recovery) is a surgical procedure that removes organs or tissues for reuse, typically for organ transplantation 963773c74a

The uterus also produces secretions which help the transit of sperm to the fallopian tubes, where one of them can fertilize the ovum. During the menstrual cycle, an ovary releases an ovum, which transits through the fallopian tube and into the uterus. If the egg cell meets with sperm on its way to the... 963773c74a Organs cannot be procured after the heart has stopped beating for a long time. Thus, donation after brain death is generally preferred because the organs are still receiving blood from the donor's heart until minutes before being removed from the body and placed on ice. To standardize brain death evaluation, the American Academy of

Neurology (AAN) updated guidelines in 2010, requiring coma with known cause, absent brain stem reflexes, and apnea; recent practices emphasize critical care coordination to optimize donor stability and increase procurement rates. 963773c74a Donation may be for research or, more commonly, healthy transplantable organs and tissues may be donated to be transplanted into another person. When the donor is still living, this is called a living organ donation; about 6,500 of these occur in the U.S. each year. 963773c74a == Purpose == 963773c74a The human body is studied by health professionals, physiologists, anatomists, and artists to assist them in their work. 963773c74a Internists are qualified doctors who have undergone postgraduate training in internal medicine, and should not be confused with "interns", a term commonly used for a doctor who has obtained a medical degree but does not yet have a license to practice medicine... 963773c74a

Male reproductive system These organs are located on the outside of the body and within the pelvis. reproductive system consists of a number of sex organs that play a role in the process of human reproduction. These organs are located on the outside of the body The male reproductive system consists of a number of sex organs that play a role in the process of human reproduction 963773c74a

== Composition == 963773c74a Human trafficking can occur both within a single country or across national borders. It is distinct from people smuggling, which involves the consent of the individual being smuggled and typically ends upon arrival at the destination. In contrast, human trafficking involves exploitation and a lack of consent, often through force, fraud, or coercion. Human trafficking is widely condemned as a violation of human rights by international agreements such as the United Nations Protocol to Prevent, Suppress and Punish Trafficking in Persons. Despite this condemnation, legal protections... 963773c74a Implied by definition, is that the device must not be continuously tethered to a stationary power supply or other stationary resources such as filters or chemical processing units. (Periodic rapid recharging of batteries, refilling of chemicals, and/or cleaning/replacing of filters would exclude a device from being called an artificial organ.) Thus, a dialysis machine, while a very successful and critically important life support device that almost completely replaces the duties of a kidney, is not an artificial organ. 963773c74a Common transplantations include kidneys, heart, liver, pancreas, intestines, lungs, bones, bone marrow, skin, and corneas. Some organs and tissues can be donated by living donors, such as a kidney or part of the liver, part of the pancreas, part of the lungs or part of the intestines. 963773c74a

Female reproductive system The reproductive The human female reproductive system is made up of the internal and external sex organs that function in the reproduction of new offspring. The female reproductive tract is made of several connected internal organs—the vagina, uterus, and fallopian tubes—and is prone to infections. The tract is protected by a fold called the labia majora and a flap called the labia minora. The vagina allows for sexual intercourse and childbirth, and is connected to the uterus at the cervix. The reproductive system is immature at birth and develops at puberty to be able to release matured ova from the ovaries, facilitate their fertilization with sperm, and create a protective environment for the developing fetus during pregnancy. The small external part of the clitoris, just below the mons Venus, helps with arousal and orgasm. The human female reproductive system is made up of the internal and external sex organs that function in the reproduction of new offspring. The uterus (or womb) accommodates the embryo by developing the uterine lining 963773c74a

Internal medicine Practitioners of internal medicine are referred to as Internal medicine, also known as general medicine in Commonwealth nations, is a specialty for medical doctors focused on the prevention, diagnosis, and treatment of diseases in adults. Internal refers to the "treatment of diseases of the internal organs". treatment of diseases in adults. Internal refers to the "treatment of diseases of the internal organs" 963773c74a

== External genitalia == 963773c74a

Organ donation not a life saving organ as per the Transplantation of Human Organs Act (2011). Recently a scoring system, Seth-Donation of Organs and Tissues (S-DOT) Organ donation is defined as the process when a person authorizes an organ of their own to be removed and transplanted to another person, legally, either by consent while the donor is alive, through a legal authorization for deceased donation made prior to death, or for deceased donations through the authorization by the legal next of kin 963773c74a

In 2006, allegations emerged that many Falun Gong practitioners had been killed to supply China's organ transplant industry. An initial investigation stated "the source of 41,500 transplants for the six year period 2000 to 2005 is unexplained... 963773c74a

Organ transplantation in China has encouraged some countries—such as India—to trade in human organs. Official registries are not fully accessible to outside researchers, making independent verification of transplant numbers and the sources of organs difficult. However, independent academic analyses have raised questions about the accuracy of these official figures and highlighted gaps in the transparency of China’s transplant data. Reports of organs being removed from executed prisoners in China for sale internationally Organ transplantation in China has taken place since the 1960s, and by the early 2000s had become one of the world’s largest transplant programmes, with official figures reporting over 13,000 liver and kidney transplants in 2004 963773c74a

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