

Internal Organs Of Human Body

== Muscles == 740f9d960e Sex organs are typically differentiated into male and female types. 740f9d960e

Table of epithelia of human organs This table lists the epithelia of different organs of the human body. This table lists the epithelia of different organs of the human body 740f9d960e

In mammals (including humans), the male sex organs include the testicles, epididymides, and penis; the female sex organs include the clitoris, ovaries, oviducts, and vagina. The testicle in the male and the ovary in the female are called the primary sex organs. All other sex-related organs are known as secondary sex organs. The outer parts are known as the genitals or external genitalia, visible at birth in both sexes, while the inner parts are referred to as internal genitalia, which in both sexes, are always hidden. 740f9d960e In plants, male reproductive structures include stamens in flowering plants, which produce pollen. Female reproductive structures, such as pistils in... 740f9d960e

Development of the human body The resulting zygote develops through cell proliferation and differentiation, and the resulting embryo then implants in the uterus, where the embryo continues development through a fetal stage until birth. The process begins with fertilization, where an egg released from the ovary of a female is penetrated by a sperm cell from a male. This continues throughout life: through childhood and adolescence into adulthood. Further growth and development continues after birth, and includes both physical and psychological development that is influenced by genetic, hormonal, environmental and other factors. Development of the human body is the process of growth to maturity. The process begins with fertilization, where an egg released from the ovary of a female Development of the human body is the process of growth to maturity 740f9d960e

Body cavity Cavities accommodate organs and other structures; cavities as potential 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. A body cavity is any space or compartment, or potential space, in an animal body 740f9d960e

The human body is studied by health professionals, physiologists, anatomists, and artists to assist them in their work. 740f9d960e == Composition == 740f9d960e == Mammals == 740f9d960e

Sex organ Sex organs are responsible for producing and transporting gametes, as well as facilitating fertilization and supporting the development and birth of offspring. types. Sex organs constitute the primary sex characteristics of an organism. Sex organs are found in many species of animals and plants, with their features varying depending on the species. In mammals (including humans), the male sex organs include the testicles, epididymides, and

penis; the female sex organs include the clitoris, ovaries A sex organ, also known as a reproductive organ, is a part of an organism that is involved in sexual reproduction 740f9d960e

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. 740f9d960e There are 11 to 12 distinct organ systems. The endocrine and exocrine systems are sometimes referred to jointly as the endocrine system. 740f9d960e 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. 740f9d960e Donation after circulatory death (DCD), also called donation after cardiac death, refers to organ donation from patients in whom life-sustaining... 740f9d960e 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... 740f9d960e == Procedures == 740f9d960e 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. 740f9d960e

List of organs of the human body For example, this list contains more than 78 organs (about ~91). This article contains a list of organs in the human body. It is widely believed that there are 78 organs (the number increases if each bone and muscle This article contains a list of organs in the human body. Since there is no single standard definition of what constitutes an organ, the number of organs vary depending on how one defines an organ. It is widely believed that there are 78 organs (the number increases if each bone and muscle is also included); however, there is no universal standard definition of what constitutes an organ, and some tissue groups' status as one is debated 740f9d960e

Organ (biology) Two or more organs working together in the execution of a specific body function form an organ system, also called a biological system or body system. Tissues of different types combine to form an organ which has a specific function. The intestinal wall, for example, is formed by epithelial tissue and smooth muscle tissue. An organ's In a multicellular organism, an organ is a collection of tissues joined in a structural unit to serve a common function. Tissues are formed from same type cells to act together in a function. organs working together in the execution of a specific body function form an organ system, also called a biological system or body system. In the hierarchy of life, an organ lies between

tissue and an organ system 740f9d960e

The muscles of internal rotation include: 740f9d960e The list below is not comprehensive, as it is still not clear which definition of an organ is used for all the organs in the list. 740f9d960e

List of systems of the human body This is a list of the main systems of the human body, including organ systems. An organ system is a group of organs that work together to perform major This is a list of the main systems of the human body, including organ systems. An organ system is a group of organs that work together to perform major functions or meet physiological needs of the body 740f9d960e

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 740f9d960e

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. 740f9d960e 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. 740f9d960e == Organ related tables == 740f9d960e == Major organ systems == 740f9d960e

List of internal rotators of the human body The muscles of internal In anatomy, internal rotation (also known as medial rotation) is an anatomical term referring to rotation towards the center of the body. internal rotation (also known as medial rotation) is an anatomical term referring to rotation towards the center of the body 740f9d960e

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. 740f9d960e == Before birth == 740f9d960e

Human body together create tissues and subsequently organs and then organ systems. The external human body consists of a head, hair, neck, torso (which includes The human body is the entire structure of a human being. It is composed of many different types of cells that together create tissues and subsequently organs and then organ systems 740f9d960e

== References == 740f9d960e An organ's tissues are broadly classified into parenchyma, the functional tissue, and stroma, the structural tissue with supportive, connective, or ancillary functions. For example, the gland tissue that produces hormones is the parenchyma, while the stroma includes the nerves that innervate the parenchyma, the blood vessels that oxygenate and nourish it and remove metabolic wastes, and the connective tissues that provide

structure, placement, and anchoring. The primary tissues that form an organ generally have common embryologic origins, often arising from the same germ layer. Organs are present in most... 740f9d960e In amniotes and some invertebrates the peritoneum lines their largest body cavity called the coelom. 740f9d960e

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