Female Reproductive Organ Diagram

Mesonephric duct The term Wolffian duct is named after Caspar Friedrich Wolff, a The mesonephric duct, also known as the Wolffian duct, archinephric duct, Leydig's duct or nephric duct, is a paired organ that develops in the early stages of embryonic development in humans and other mammals. important structure that plays a critical role in the formation of male reproductive organs. It is an important structure that plays a critical role in the formation of male reproductive organs. The term Wolffian duct is named after Caspar Friedrich Wolff, a German physiologist and embryologist who first described it in his dissertation in 1759 3a0e60d721

In humans, the lower end of the uterus is a narrow part known as the isthmus that connects to the cervix, the anterior gateway leading to the vagina. The upper end, the body of the uterus, is connected to the fallopian tubes at the uterine horns; the rounded part, the fundus, is above the openings to the fallopian tubes. The connection of the uterine cavity with a fallopian tube is called the uterotubal junction. The fertilized egg is carried to the uterus along the fallopian tube. It will have divided on its journey to form a blastocyst that will implant itself into the lining of the uterus – the endometrium, where it will receive nutrients and develop into the embryo proper, and later fetus, for the duration of the pregnancy... 3a0e60d721 During embryonic development, the mesonephric duct form as a part of the urogenital system. 3a0e60d721

List of related male and female reproductive organs related male and female reproductive organs shows how the male and female reproductive organs and the development of the reproductive system are related This list of related male and female reproductive organs shows how the male and female reproductive organs and the development of the reproductive system are related, sharing a common developmental path. These organs differentiate into the respective sex organs in males and females. This makes them biological homologues 3a0e60d721

Uterus). uterus, pl. : uteri or uteruses) or womb (/wuːm/) is the organ in the reproductive system of most female mammals, including humans, that accommodates the embryonic The uterus (from Latin uterus, pl. : uteri or uteruses) or womb () is the organ in the reproductive system of most female mammals, including humans, that accommodates the embryonic and fetal development of one or more fertilized eggs until birth. (The term uterus is also applied to analogous structures in some non-mammalian animals. The uterus is a hormone-responsive sex organ that contains glands in its lining that secrete uterine milk for embryonic nourishment 3a0e60d721

== Structure == 3a0e60d721 == Mesonephric ducts == 3a0e60d721 In many marine gastropods, there are separate sexes (male and female); most terrestrial gastropods however are hermaphrodites. 3a0e60d721 The subserosa (sub- + serosa) is to a serous membrane what the submucosa (sub- + mucosa) is to a mucous membrane. 3a0e60d721 == Anatomy == 3a0e60d721 Gastropods reproductive systems vary significantly from one taxonomic group to another. They can be separated into three categories: marine, freshwater, and land. Reproducing in marine or freshwater environments makes getting sperm to egg much easier for gastropods, while on land, it is much more difficult to get sperm to egg. The majority of gastropods have internal fertilization, but there are some prosobranch species that have external fertilization. Gastropods are capable of being either male or female, or hermaphrodites, and this makes their reproduction system... 3a0e60d721 The urinary and reproductive organs are developed from the intermediate mesoderm. The permanent organs of the adult are preceded by a set of structures which are purely embryonic, and which with the exception of the ducts disappear almost entirely before birth. These embryonic structures are on either side; the pronephros, the mesonephros and the metanephros of the kidney, and the Wolffian and Müllerian ducts of the sex organ. The pronephros disappears very early; the structural elements of the mesonephros mostly degenerate, but the gonad is developed in their place, with which the Wolffian duct remains as the duct in males, and the Müllerian as that of the female. Some of the tubules of the mesonephros form part of the permanent kidney. 3a0e60d721

Development of the reproductive system Due to its large overlap with development of the urinary system, the two systems are typically described together as the genitourinary system. Due The development of the reproductive system is the part of embryonic growth that results in the sex organs and contributes to sexual differentiation. The development of the reproductive system is the part of embryonic growth that results in the sex organs and contributes to sexual differentiation 3a0e60d721

Subserosa Learning System at Boston University "Female Reproductive System: oviduct; infundibulum" Histology at uio. de v t e - The subserosa or tela subserosa, is a thin layer of tissue in the walls of various organs. no Diagram at uniklinik-saarland. It is a layer of connective tissue (usually of the areolar type) between the muscular layer (muscularis externa) and the serosa (serous membrane) 3a0e60d721

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. 3a0e60d721

Female reproductive system The tract is protected by a fold called the labia majora and a flap called the labia minora. The uterus (or womb) accommodates the embryo by developing the uterine lining. 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 vagina allows for sexual intercourse and childbirth, and is connected to the uterus at the cervix. human female reproductive system is made up of the internal and external sex organs that function in the reproduction of new offspring. The small external part of the clitoris, just below the mons Venus, helps with arousal and orgasm. The female reproductive tract is made of several connected internal organs—the vagina, uterus, and fallopian tubes—and is prone to infections. The reproductive system The human female reproductive system is made up of the internal and external sex organs that function in the reproduction of new offspring 3a0e60d721

== External genitalia == 3a0e60d721 Courtship is a part of the behaviour of mating gastropods. In some families of pulmonate land snails, one unusual feature of the reproductive system and reproductive behavior is the creation and utilization of love darts, the throwing of which has been identified as a form of sexual selection. 3a0e60d721 == Pronephros and Wolffian duct == 3a0e60d721 == References == 3a0e60d721

Reproductive system of gastropods Their reproductive strategies also vary greatly. In many marine gastropods, there are separate sexes

(male and female); most terrestrial The reproductive system of gastropods (slugs and snails) varies greatly from one group to another within this very large and diverse taxonomic class of animals. Their reproductive strategies also vary greatly. of animals 3a0e60d721

The reproductive organs develop from the intermediate mesoderm and are preceded by more primitive structures that are superseded before birth. These embryonic structures are the mesonephric ducts (also known as Wolffian ducts) and the paramesonephric ducts, (also known as Müllerian ducts). The mesonephric duct gives rise to the male seminal vesicles, epididymides and vasa deferentia. The paramesonephric duct gives rise to the female fallopian tubes, uterus, cervix, and upper part of the vagina. 3a0e60d721

Development of the urinary system development of the urogenital system – both the organs of the urinary system and the sex organs of the reproductive system. The development continues as a part The development of the urinary system begins during prenatal development, and relates to the development of the urogenital system – both the organs of the urinary system and the sex organs of the reproductive system. The development continues as a part of sexual differentiation 3a0e60d721

Fish reproduction Fish reproductive organs include testes and ovaries. The genital papilla is a small, fleshy tube behind the anus in some fishes, from which the sperm or eggs are released; the sex of a fish can often be determined by the shape of its papilla. In most species, gonads are paired organs of similar size, which can be partially or totally fused. There may also be a range of secondary organs that increase reproductive fitness. In most species, gonads are paired organs of similar size, which can be partially or totally fused Fish reproductive organs include testes and ovaries 3a0e60d721

Male reproductive system The male 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 and within the pelvis. These organs are located on the The male reproductive system consists of a number of sex organs that play a role in the process of human reproduction 3a0e60d721

The subserosa has clinical importance particularly in cancer staging (for example, in staging stomach cancer or uterine cancer). 3a0e60d721 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... 3a0e60d721 The mesonephric duct connects the primitive kidney, the mesonephros, to the cloaca. It also serves as the primordium for male urogenital structures including the epididymides, vasa deferentia, and seminal vesicles. 3a0e60d721 == List == 3a0e60d721

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