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Human Female Reproductive System

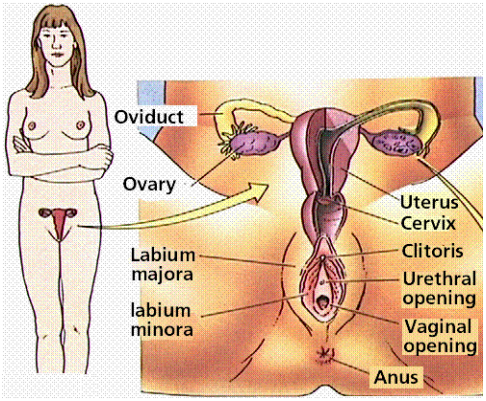
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Female Genital System

The female reproductive system also known as female genital system contains two main parts:

Parts of Female Reproductive System

- **The uterus:** Hosts the developing fetus, produces vaginal and uterine secretions, and passes the male'ssperm to the fallopian tubes.
- **The ovaries:** Produce the female's egg cells.

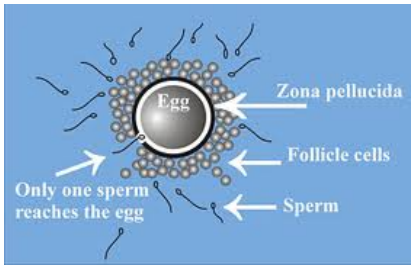


The Vagina

Meets the external organs at the vulva. Vulva includes the labia, clitoris and urethra.

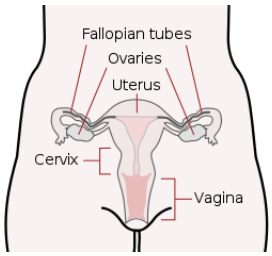
The vagina is attached to the uterus through the cervix, and the uterus is attached to the ovaries via the Fallopian tubes.

The ovaries release an ovum reaches the uterus through the Fallopian tube.



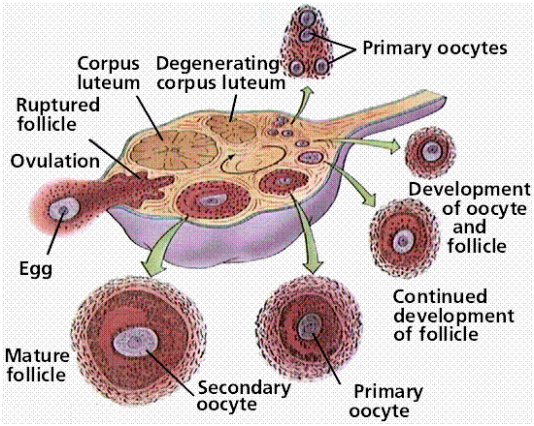
Fertilization Process

- The sperm penetrates the egg and fertilize it.
- Thefertilization occurs in theoviducts
- Can happen in theuterus
- Thezygote then implants itself in the uterus wall
- Embryogenesis andmorphogenesis processes have been beginning hereafter.
- After the complete development, thecervix dilates and uterus contracts and pushes the fetus throughvagina. This is called as Child Birth.



Ova – some details

- Larger thansperm
- Formed during female's birth.
- Approximately every month one ovum is produced.
- Sent down the Fallopian tube attached to itsovary in anticipation offertilization.
- The egg is flushed out throughmenstruation if fertilization not occurs.



Embryonic Development

Chromosome determines the sex of a child at conception. 23 pair of chromosomes is inherited from parents and 23 from each parent.

The mother's egg has one X chromosome (from the XX) and the father's sperm has either an X or Y chromosome (from XY).

That’s why it s proved that the sex of the child is determined by father.

If the baby inherits the X chromosome from the father, the baby will be a female child with XX chromosomes. But if the baby inherits the Y chromosome from the father it will be a male child with XY Chromosome.

Want to learn more about “Embryonic Development’? Click here to schedule live homework help from a certified tutor!

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Reference Links:

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