

Endocrine and Reproductive Systems

Glands	Hormones	Gametes	Chemical
Embryo	Testosterone	Endocrine	Zygote
Ovaries	Fetus	Reproductive	Eggs
Estrogen	Pancreas	Insulin	Testes
Slow	Changes	Sperm	Pituitary
Fertilization	Sugar	Secrete	Blood

The _____ system produces and delivers _____ signals throughout the body. _____ are small organs that _____ (release) chemicals called _____. The _____ gland releases hormones that help control your growth and development while the _____ secretes _____ which is a chemical that helps control your blood sugar levels.

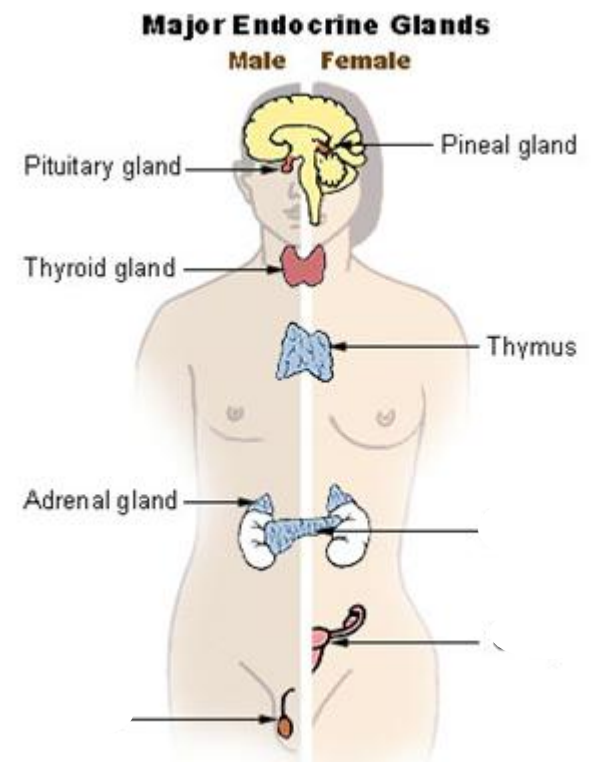
Your _____ system works very closely with your endocrine system. It contains the _____ for males and the _____ for females. The testes in the male secrete the hormone _____, which helps control growth rate in boys and gives boys male characteristics (like low voice, more body hair and muscle, etc.). The ovaries in females secrete the hormone _____ which controls growth rate in girls and gives girls female characteristics (like breast development and monthly periods).

The hormones that are produced by the endocrine glands are released directly into the _____. These hormones then cause very _____, long lasting _____ in the body such as the development of children into adults (puberty). Some hormones work quickly (like insulin from the pancreas) which helps control the amount of _____ in your blood after you eat.

Your endocrine and reproductive systems both contain the ovaries, which produce the female _____ called _____. These systems also contain the testes in males that produce the male gametes called _____. When a sperm and egg combine, it is called _____. Fertilization produces a _____, which is the beginning of a baby. A zygote then turns into a ball of cells called an _____, which then develops into a _____ inside the mother!

- Endocrine system -
- Reproductive system -
- Glands -
- Hormones -
- Ovaries -
- Testes -
- Estrogen -
- Testosterone -
- Gametes -
- Eggs -
- Sperm -
- Fertilization -
- Zygote -
- Embryo -
- Fetus -

1. What does the **endocrine** system do for your body?



2. How do the endocrine system and the reproductive system **work together**?

3. **Label** the endocrine/reproductive system above with the following labels: *ovaries, testes, pancreas*.