

Human reproduction

What is the function of the prostate gland?

Human reproduction

Why are the testes in the scrotum?

Human reproduction

What are the functions of the ovary and the oviduct?

Human reproduction

What does oestrogen do in the menstrual cycle?

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What does progesterone do in the menstrual cycle?

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Why does menstruation start?

Human reproduction

How do nutrients get from mother to embryo?

Human reproduction

Why does the placenta have villi?

It holds them outside the body where it is slightly cooler, which is better for sperm production.

It adds fluid to sperm to form semen. The fluid lets the sperm swim and contains nutrients.

It repairs and builds up the lining of the uterus.

The ovary makes eggs and hormones. The oviduct carries the egg to the uterus and is where fertilisation usually happens.

Progesterone falls, so the uterus lining is no longer maintained and breaks down.

It maintains the lining of the uterus.

They give a large surface area, so substances diffuse faster.

They diffuse from the mother's blood into the embryo's blood across the placenta.

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How does amniotic fluid protect the embryo?

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Name two effects of testosterone at puberty.

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Name two effects of oestrogen at puberty.

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Where are oestrogen and testosterone made?

Any two from: facial hair grows, voice deepens, muscles develop, shoulders broaden, sperm production starts.

It absorbs shocks and cushions the embryo against knocks.

Oestrogen is made by the ovaries.
Testosterone is made by the testes.

Any two from: breasts develop, hips widen, pubic and underarm hair grow, the menstrual cycle begins.