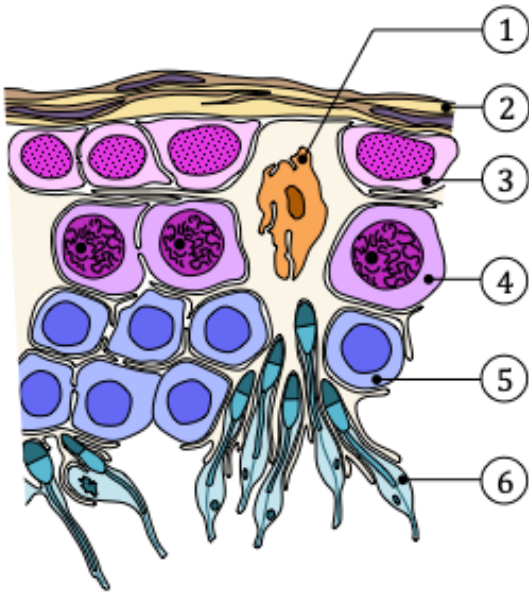


11.4 Sexual Reproduction

Male Reproduction

Annotate a diagram of the testis tissue



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

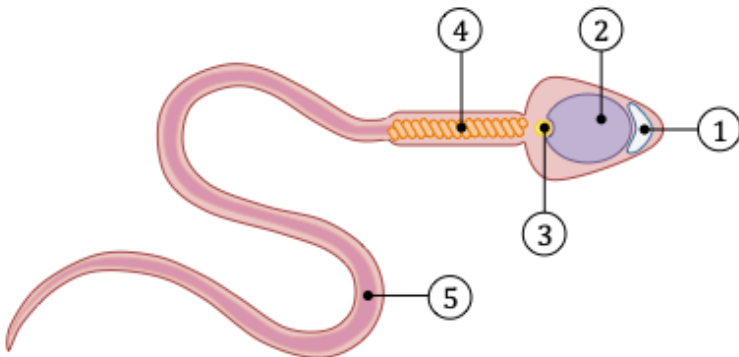
Outline the process of spermatogenesis

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Annotate a diagram of a mature sperm



- 1.
- 2.
- 3.
- 4.
- 5.

Outline the role of the following in the production of semen

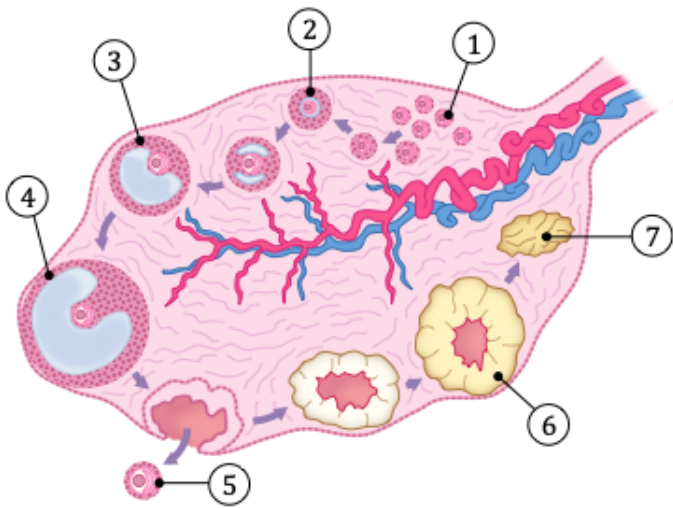
Epididymus:

Seminal Vesicle:

Prostate Gland:

Female Reproduction

Annotate a diagram of ovarian tissue



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

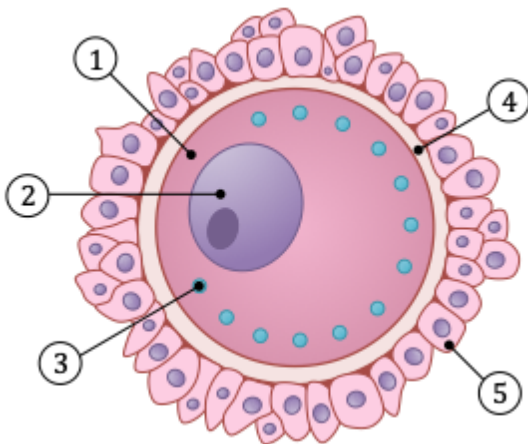
Outline the process of oogenesis

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Annotate a diagram of a mature egg



- 1.
- 2.
- 3.
- 4.
- 5.

Outline the events that precede the meiotic divisions of a developing egg cell

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Fertilisation

Compare the processes of spermatogenesis and oogenesis

Feature	Spermatogenesis	Oogenesis
Number of gametes produced		
Cytoplasmic division		
Duration of process		
Timing of gamete release		

Describe the conditions required for fertilisation

Capacitation

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Acrosome Reaction

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Cortical Reaction

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Embryo Development

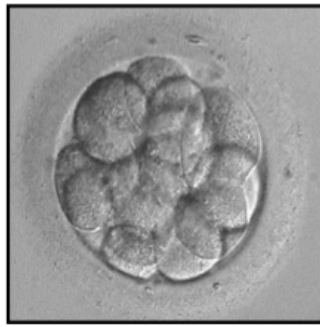
Outline the role of hCG in early pregnancy

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Outline, with the aid of the diagram, the early development of an embryo



Zygote



Morula



Blastocyst

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Explain how the structure of the placenta relates to its function

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List the materials that are exchanged between maternal blood and foetal blood within the placenta

Maternal → Foetal:

Foetal → Maternal:

Outline the hormonal role of the placenta

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Outline the role of hormones and positive feedback in the process of birth

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