

MALE REPRODUCTIVE ANATOMY

Functional Guide & Reference Chart

[Anatomical Diagram Illustration Area]

| ANATOMICAL PART | TYPE | PRIMARY BIOLOGICAL FUNCTION |
|----------------------|-----------------|--|
| Testes | Gonads | Production of sperm (spermatogenesis) and synthesis of testosterone. |
| Epididymis | Duct System | Storage and maturation site where sperm gain motility. |
| Vas Deferens | Duct System | The muscular tube that transports mature sperm to the urethra during ejaculation. |
| Seminal Vesicles | Accessory Gland | Secretes fructose-rich fluid (60% of semen) to provide energy for sperm. |
| Prostate Gland | Accessory Gland | Secretes alkaline fluid to neutralize vaginal acidity and protect sperm DNA. |
| Bulbourethral Glands | Accessory Gland | Produces pre-ejaculate fluid to lubricate the urethra and neutralize residual urine. |
| Scrotum | External | External sac that regulates testicular temperature (approx. 2C below body temp). |

**ANATOMICAL
PART**

TYPE

PRIMARY BIOLOGICAL FUNCTION

Penis / Urethra

External/Duct

The common conduit for the excretion of urine and the delivery of semen.

Educational Reference Material \hat{a} € ϕ Not for Clinical Diagnosis