Genital System
Developmental Origins
Genital System

Genital tubercle
Developmental Origins

Urethral Fold
Developmental Origins

Labioscrotal Fold or Swelling
Overview of the Male System
Overview of the Male System

Scrotum
Overview of the Male System

Testis
Overview of the Male System

Spermatic Cord
Overview of the Male System

Spermatic Cord

Ductus deferens
Overview of the Male System

**Spermatic Cord**

Testicular vessels and nerves
Overview of the Male System

Seminal Glands or Vesicles
Overview of the Male System

Prostate Gland
Overview of the Male System

Penis
Overview of the Male System
Spermatic Ducts of Egress

**Ducts**

Seminiferous tubules
Spermatid Ducts of Egress

**Ducts**

Rete testis
Spermatc Ducts of Egress

**Ducts**

Efferent ductules of testis
Spermatic Ducts of Egress

**Ducts**

Epididymis
Spermatic Ducts of Egress

Ducts

Ductus deferens
Spermatic Ducts of Egress

**Ducts**

Ejaculatory duct
Spermatic Ducts of Egress

**Ducts**

Urethra
Prostatic urethra
Spermatic Ducts of Egress

**Ducts**

Urethra

Intermediate or membranous urethra
Spermatic Ducts of Egress

Ducts

Urethra
Spongy urethra
Spermatic Ducts of Egress

Passage of Sperm
Genital System

Accessory Glands of the Male

Source of Semen
Accessory Glands of the Male

**Source of Semen**

Seminal glands or vesicles
Accessory Glands of the Male

Source of Semen

Prostate gland
Accessory Glands of the Male

**Source of Semen**

Bulbourethral glands
Accessory Glands of the Male

**Ejaculate**

Seminal secretions + sperm
Anatomy of the Penis
Anatomy of the Penis

Gross Structures

Prepuce or foreskin
Anatomy of the Penis

Gross Structures

Glans
Anatomy of the Penis

Gross Structures

Body of penis
Anatomy of the Penis

**Gross Structures**

Root of penis
Anatomy of the Penis

**Gross Structures**
Crura of penis
Anatomy of the Penis

Erectile Tissue Bodies
Anatomy of the Penis

Erectile Tissue Bodies

Corpus cavernosum penis
Anatomy of the Penis

Erectile Tissue Bodies

Corpus cavernosum penis
Deep arteries of the penis
Anatomy of the Penis

Erectile Tissue Bodies

Corpus spongiosum penis
Erectile Tissue Bodies

Corpus spongiosum penis
Bulb versus body
Anatomy of the Penis

Erectile Tissue Bodies

Corpus spongiosum penis
Spongy urethra
Erectile Tissue Bodies

Surrounding connective tissue
Anatomy of the Penis

Erectile Tissue Bodies

Deep veins of penis
Overview of the Female System
Overview of the Female System

Internal Genitalia

Ovaries
Overview of the Female System

**Internal Genitalia**

Uterine tubes
Overview of the Female System

Internal Genitalia

Uterus
Overview of the Female System

Internal Genitalia

Vagina
Overview of the Female System

External Genitalia

Labia majora
Overview of the Female System

External Genitalia

Labia minora
Overview of the Female System

External Genitalia

Clitoris
Overview of the Female System
Overview of the Female System

External Genitalia
Overview of the Female System

External Genitalia

Labia majora
Overview of the Female System

External Genitalia

Labia minora
Overview of the Female System

External Genitalia

Clitoris
Crus of clitoris
Overview of the Female System

External Genitalia

Clitoris
Body of clitoris
Overview of the Female System

External Genitalia

Vestibule
Overview of the Female System

External Genitalia

Bulb of vestibule
Overview of the Female System

External Genitalia

Greater vestibular glands
Overview of the Female System

External Genitalia
Pathway of Ovum
Pathway of Ovum

Uterine Tube
Pathway of Ovum

**Uterine Tube**

- Fimbriae
- Abdominal ostium
Pathway of Ovum

**Uterus**

Fundus and body
Pathway of Ovum

Uterus

Cervix
Pathway of Ovum

**Uterus**
- Uterine wall
- Myometrium
- Endometrium
Pathway of Ovum

**Uterus**

Relationship to Abdominal Cavity
Penile Receptacle/Birth Canal

**Vagina**

Vaginal fornix
Tunics of the Vagina

Tunica mucosa
Rugae
Penile Receptacle/Birth Canal

**Vagina**

- Tunica spongiosa
- Between mucosa and muscularis
Penile Receptacle/Birth Canal

Tunics of the Vagina

Tunica muscularis
Penile Receptacle/Birth Canal

Tunics of the Vagina

Tunica adventitia
Male and Female Comparisons

Genital Homologies