

# Anatomy final

Structure	Histology
Glomerular capsule - parietal layer	SSE
Glomerular capsule - parietal layer - urinary pole	SSE → Cuboidal or low columnar
Glomerular capsule - visceral layer	Modified SSE
Glomerular tufts - externally	Mesangial
PCT	Cuboidal
Thick DLoH	Cuboidal
Thin DLoH	SSE
Thin ALoH	SSE
Thick ALoH	Cuboidal
DCT	Cuboidal
CT	Cuboidal to low columnar
PD	Simple columnar
Minor cx	TxE
Major cx	TxE
Renal pelvis	TxE
Ureter	TxE
Bladder	TxE
Prostatic urethra	TxE
Membranous urethra	Stratified or PSC
Pendulous urethra - proximally	PSC
Pendulous urethra - distally	PSC with stratified squamous areas
Female urethra	Stratified squamous with PSC areas
Seminiferous tubule	Complex stratified epithelium (spermatogonia cells + sertoli cells)
Straight tubule	Sertoli cells → Simple cuboidal
Rete testis	Simple cuboidal → Low columnar
Efferent ductule	PSC (tall cilliated + low microvilliated) + basal cells
Epididymus	PSC (steriocilliated)
Vas deferens	PSC (microvilliated)
Ejaculatory duct	PSC (microvilliated)
Seminal vesicle	PSC* or Simple columnar

Structure	Histology
Prostate	PSC or Simple columnar*
Bulbourethral gland	Simple columnar
Germinal epithelium	Simple cuboidal
Primordial follicle	Flattened
Primary follicle - unilaminar	Simple cuboidal
Primary follicle - multilaminar	Stratified cuboidal
Theca interna	Stratified cuboidal
Secondary (Antral) follicle	Stratified cuboidal
Mature (Graafian) follicle	Thinner stratified cuboidal
Corpus luteum	Granulosa lutein and theca lutein
Uterine tube	Simple columnar (peg + ciliated cells) + LP
Endometrium	Simple columnar (secretory (glands) + ciliated cells (cavity)) (SF (glands) +SB (smaller glands) +LP (simple branched glands))
Perimetrium	Simple squamous epithelium + LP
Cervix - internal	Mucus secreting simple columnar + tubular branched glands (Nabothian cysts if obstructed) + dense CT and SMCs
Cervix - portio vaginalis	Stratified squamous non-keratinized
Vagina	Stratified squamous non-keratinized + rich LP/FMCT + NO glands
Labia majora	Stratified squamous Contains adipose tissue
Labia minora	Stratified squamous Contains NO adipose tissue
Vestibule	Stratified squamous
Clitoris	Stratified squamous

## Abbreviations:

SSE = Simple squamous epithelium.

PCT = Proximal convoluted tubule.

DCT = Distal convoluted tubule.

ALoH = Ascending Loop of Henle.

DLoH = Descending Loop of Henle.

CT = Collecting tubule.

PD = Papillary duct.

TxE = Transitional epithelium.

PSC = Pseudostratified columnar.

SF = Stratum functionalis.

SB = Stratum basalis.

LP = Lamina propria.

FMCT = Fibromuscular connective tissue.

SMC = Smooth muscle cell.