

Histology - UG

مُلخص لأنواع (Epithelium)

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Bowman's capsule	<p>A) inner/ visceral layer (podocytes)</p> <p>B) outer/ parietal layer (simple squamous epithelium)</p>
Juxtaglomerular cells (granular) cells	- Modified smooth muscle cells
Loop of Henle	<p>- Thin segment : lined by simple squamous</p> <p>- Thick segment : lined by simple cubical</p>
Collecting duct	-lined with simple cuboidal epithelium
Urters	- Mucosa: Transitional epithelium
Urinary bladder	- Mucosa: Transitional epithelium
Male urethra	<p>– Prostatic urethra: Lined e transitional epithelium.</p> <p>– Membranous urethra: Lined e stratified columnar epithelium.</p> <p>– Penile urethra: Lined e stratified columnar epith which→ stratified squamous in its distal part (fossa navicularis).</p>
Female urethra	- Lined with transitional epithelium, then stratified squamous at its distal part.
Seminiferous tubules	- Lined e stratified epithelium called spermatogenic epithelium.
Tubuli recti	- lined e Sertoli cells only
Rete testis	- lined e cuboidal cells
Vasa efferentia (ductus efferentia)	- Lined e simple cuboidal partially ciliated.
Epididymis	- Lined e Principle cells: pseudo-stratified columnar with stereocilia
Vas deferens	- Its mucosa covered e pseudostratified columnar e stereocilia.
The ejaculatory duct	- Lined e pseudo-stratified columnar epithelium.
Seminal vesicles	<p>- Mucosa:</p> <p>Lined e pseudostratified columnar epithelium</p>
L/M of prostatic acinus	- Highly folded pseudo-stratified columnar epithelium

Bulbo - urethral (Cowper's) glands	- Their acini lined with simple cuboidal epithelium
The Ovary	- Its outer surface is covered by a layer of simple cuboidal epithelium called germinal epithelium
Fallopian Tubes (Oviducts)	- mucosa : Simple columnar
The Uterus	- Endometrium (mucosa) Lined with simple columnar epithelium partially ciliated
Cervix of Uterus	<ul style="list-style-type: none">• Its mucosa lined with simple columnar mucus secreting epithelium• External os :<ul style="list-style-type: none">- lined e stratified squamous epithelium.
The Vagina	- Non keratinized stratified squamous epithelium.
The mammary Gland	<ul style="list-style-type: none">• Lactating state:<ul style="list-style-type: none">- The acini lined by simple columnar cells