RENAL HISTOLOGY
Renal Corpuscle

Renal corpuscle = BC + Glomerulus
Lining of BC
Parietal – Simple squamous Visceral-
Podocytes
Figure 2

- Basement membrane
- Capillary endothelium with fenestrations
- Podocyte with nucleus
- Filtration slits
- Foot processes of podocytes (blue and green)
- Glomerular basement membrane
- Endothelial cell with fenestrations
- Filtration slits with slit diaphragm
Mesangial Cells

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Proximal Convoluted Tubule
Loop of Henle
Distal Convoluted Tubule
Juxtaglomerular Apparatus
Collecting Tubule
Ureter
Urinary Bladder

Empty

Full
Prostatic urethra

Periurethral glands

Prostate stroma
Urethra

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Thank you