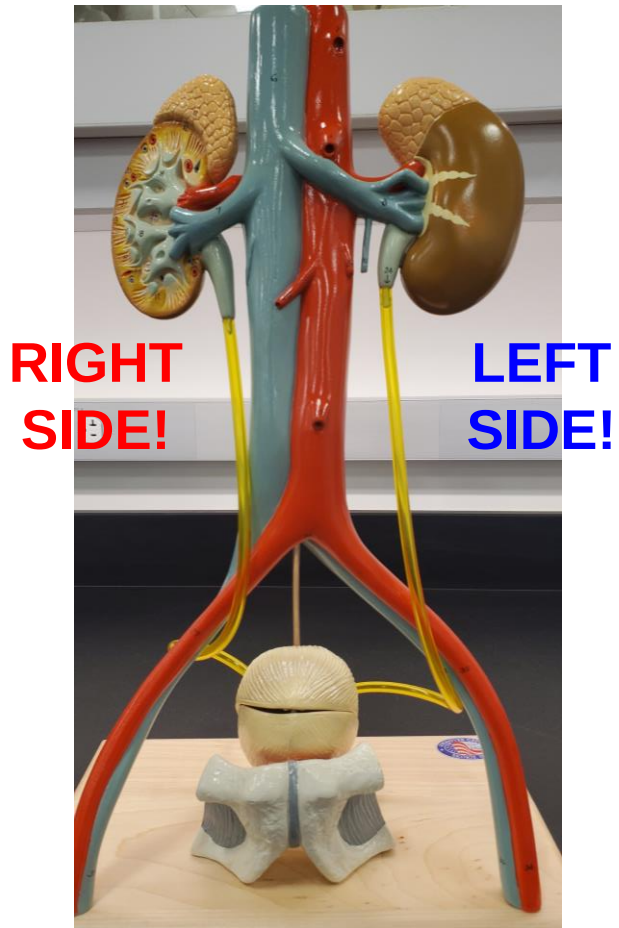
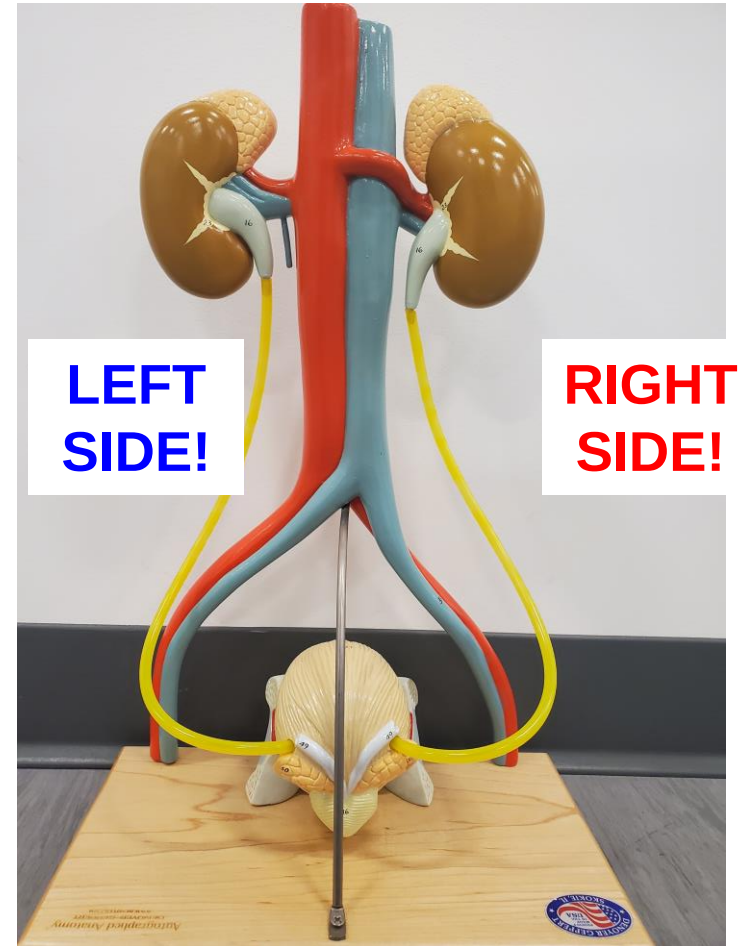


Urinary System Models

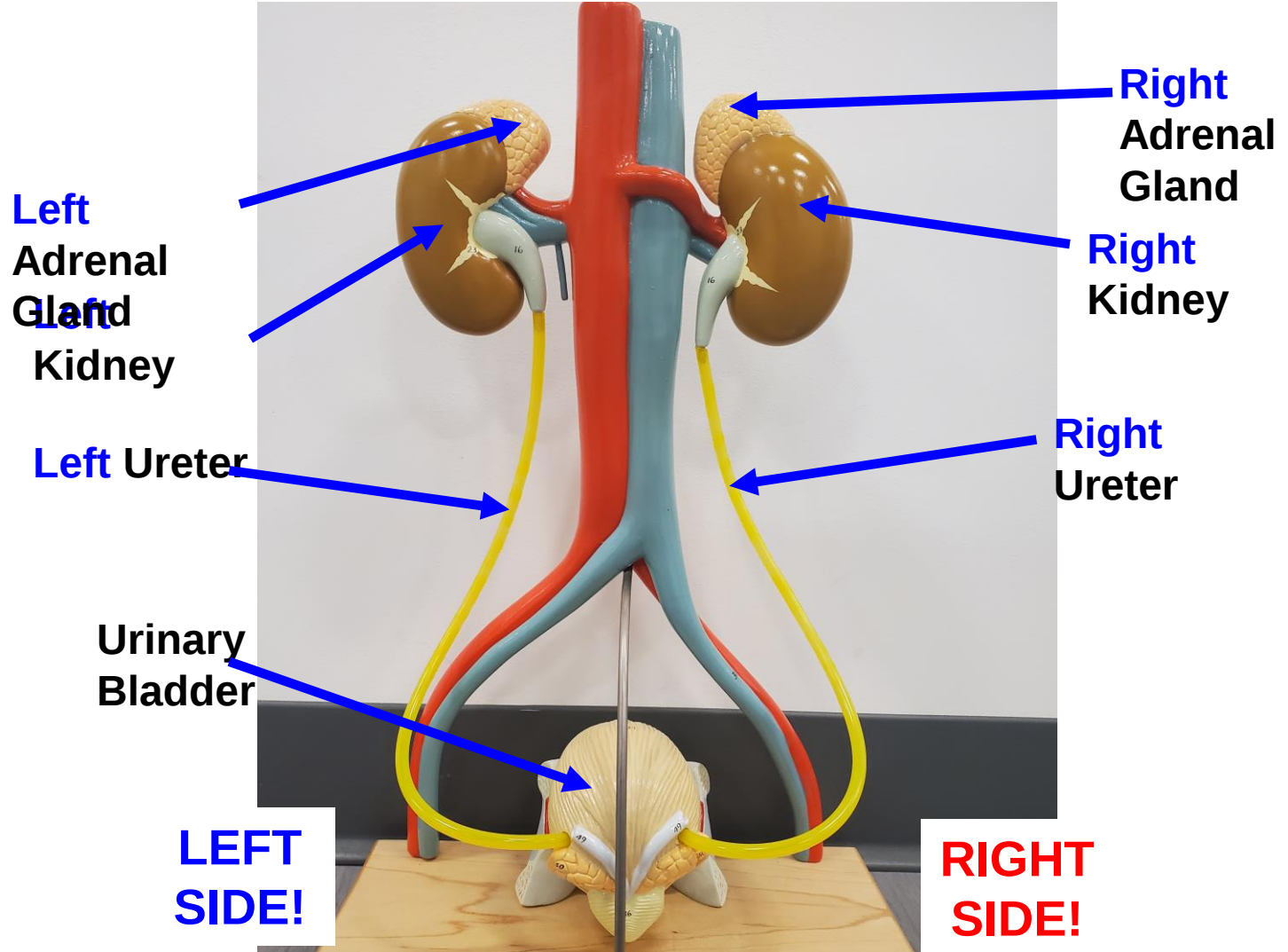


Anterior View

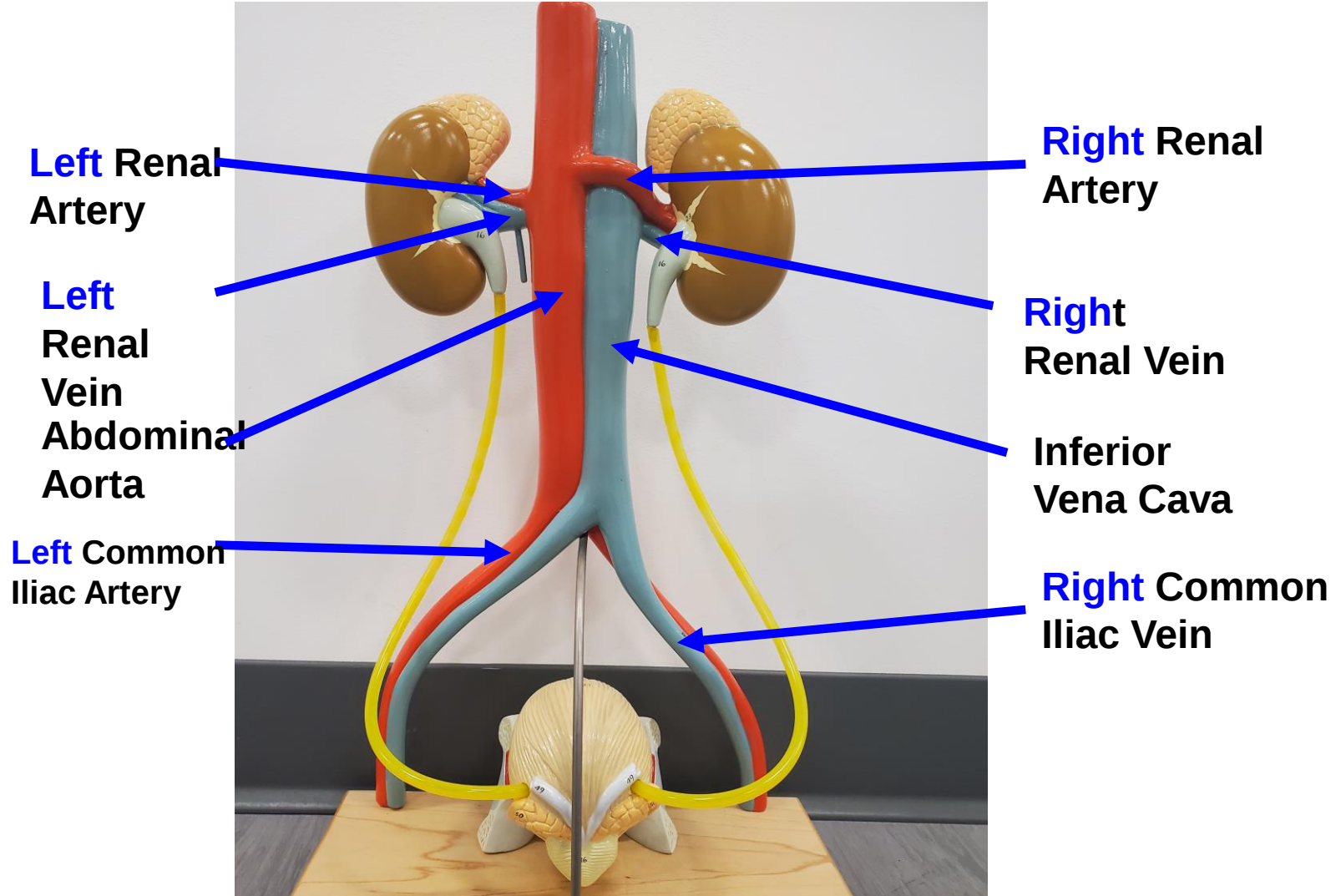


Posterior View

Urinary Tract Model



Urinary Tract Model



**LEFT
SIDE!**

**RIGHT
SIDE!**

**Urinary
Bladder**

Right Ductus (vas) Deferens

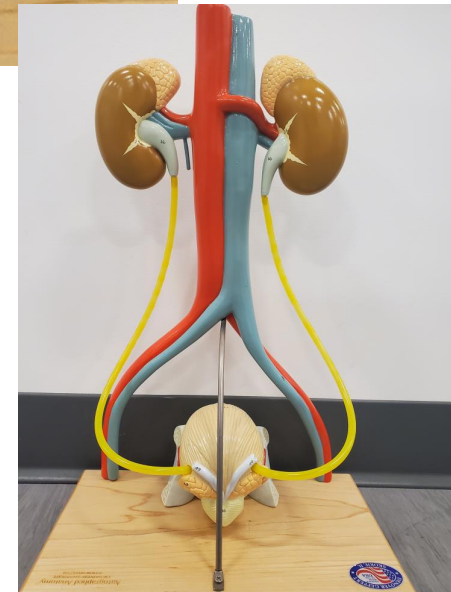
Left Ductus (vas) Deferens

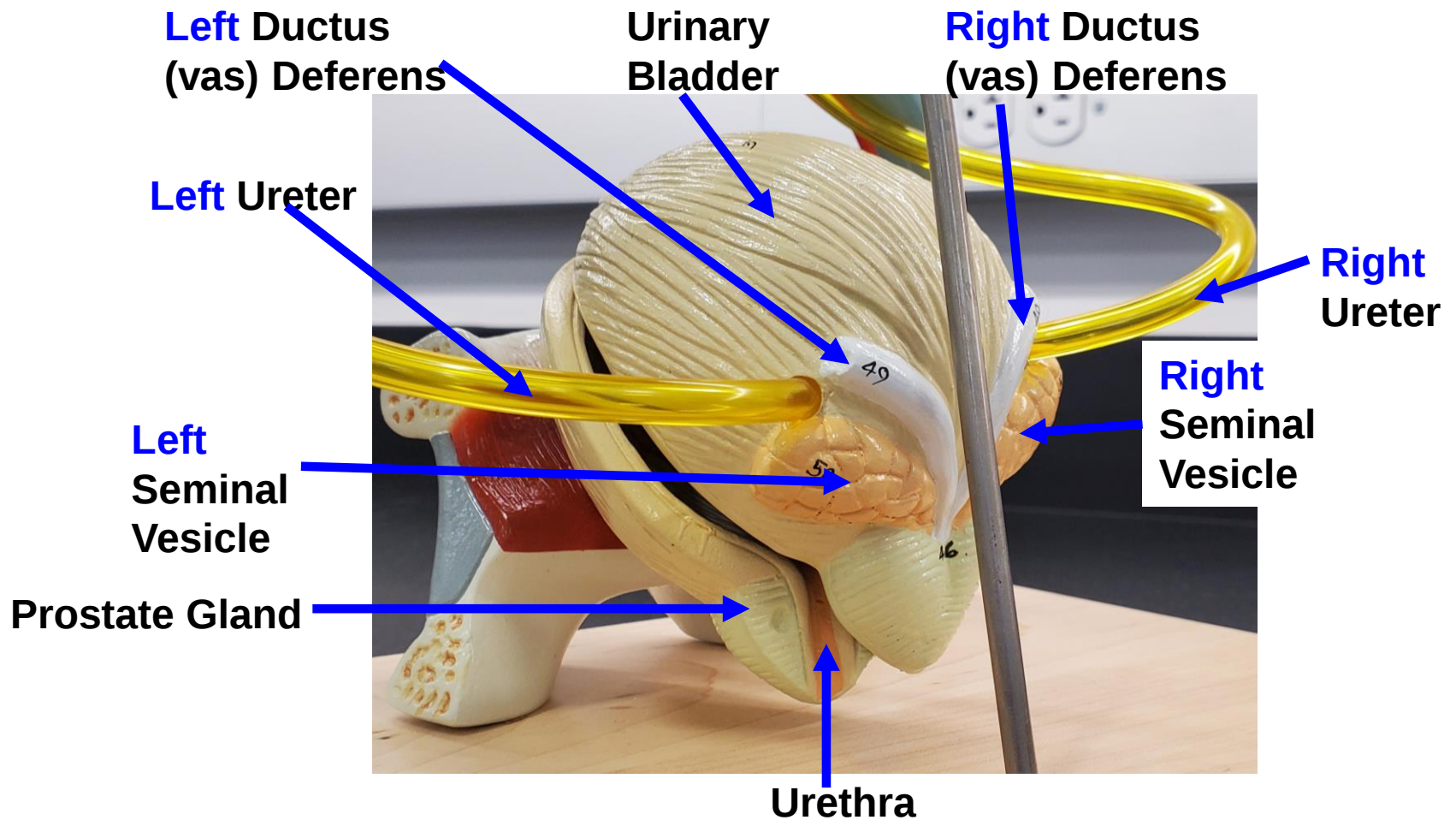
**Left Seminal
Vesicle**

**Right Seminal
Vesicle**

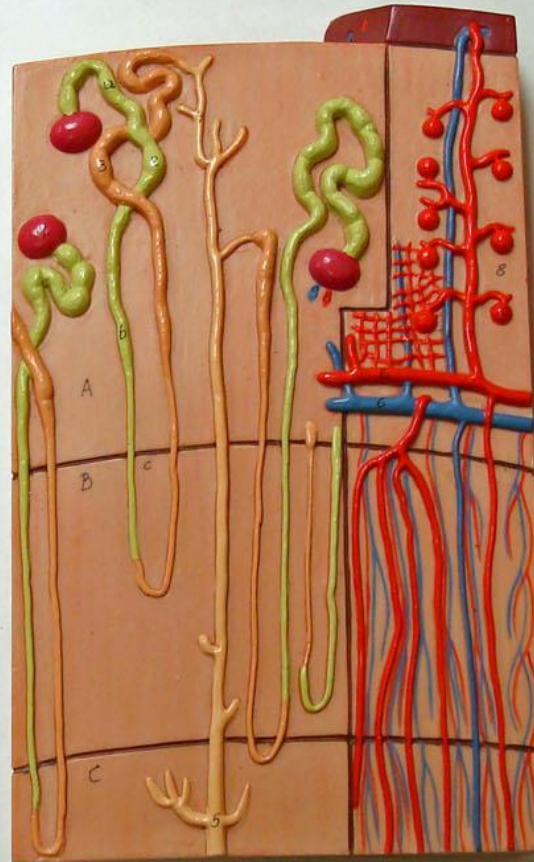
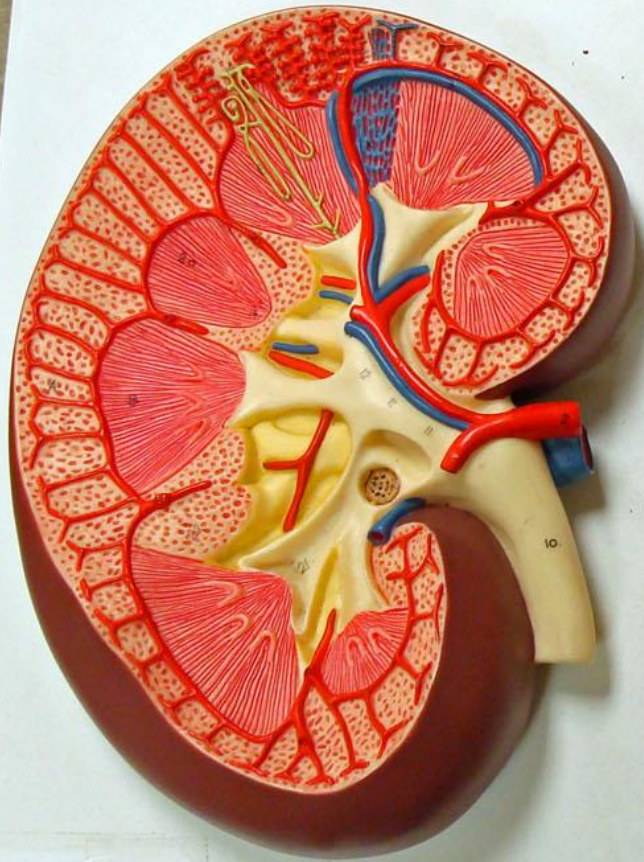
Prostate Gland

Posterior View



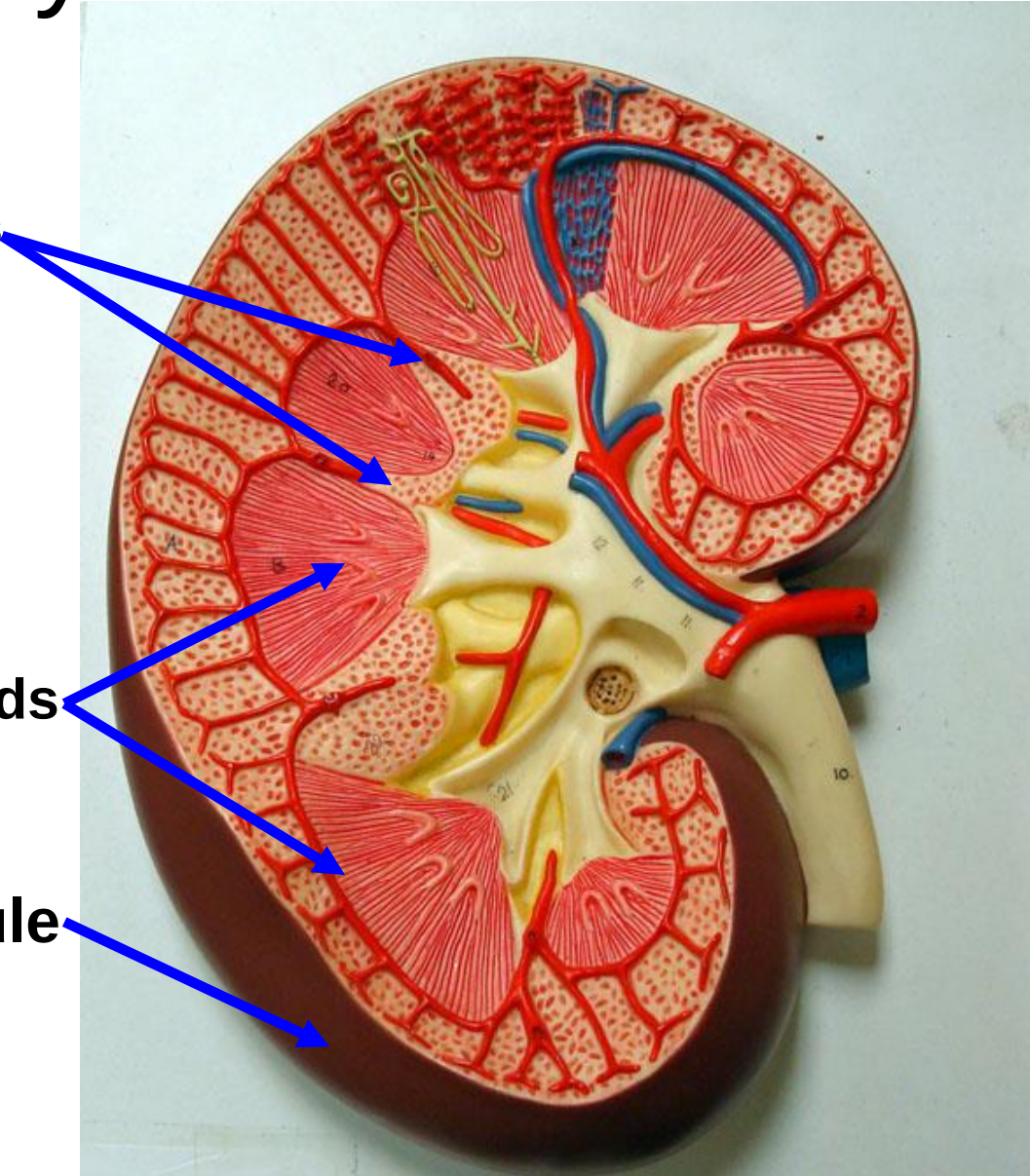


The Kidney Plaque



Kidney

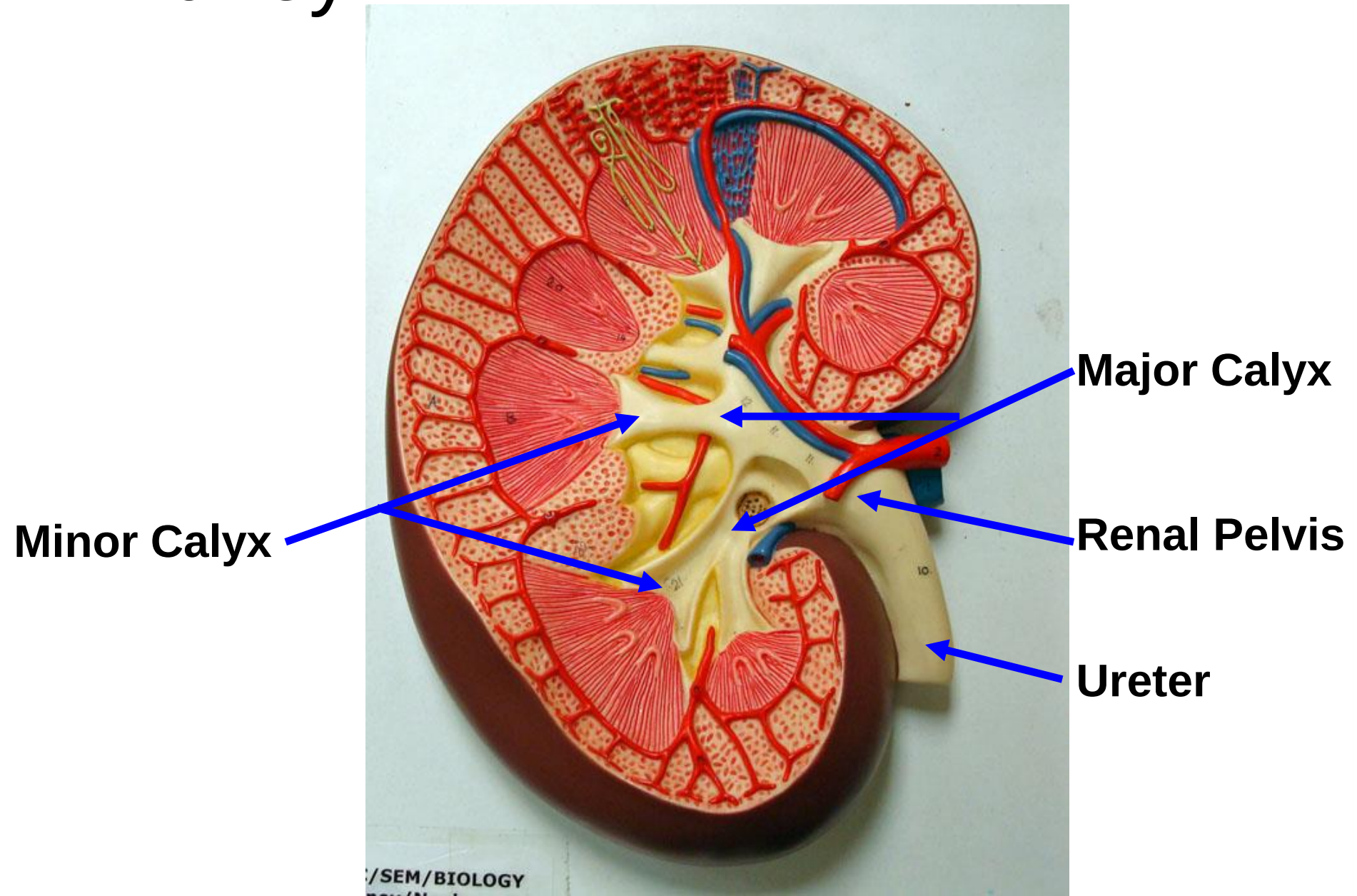
Renal Columns



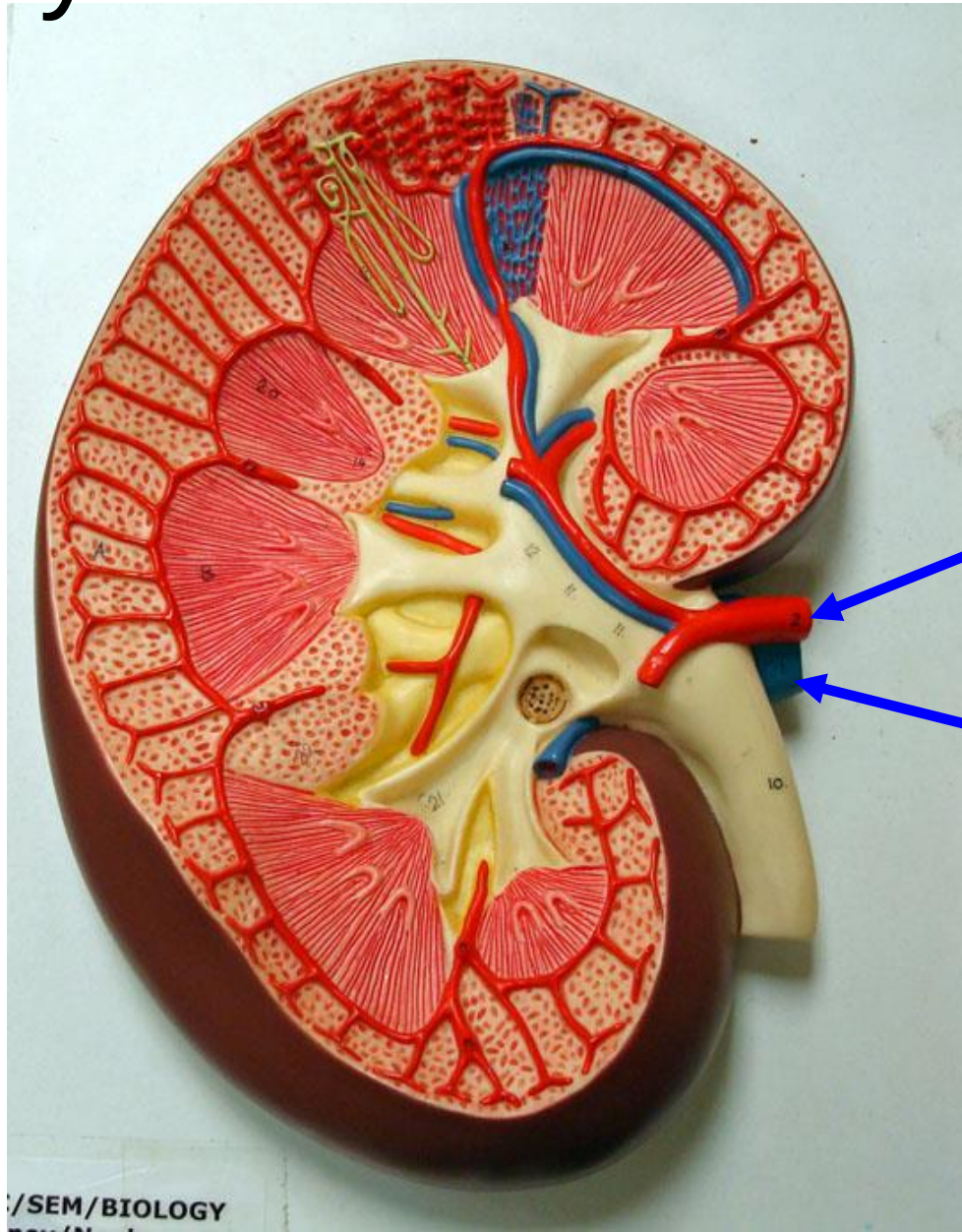
Renal Pyramids

Renal Capsule

Kidney



Kidney

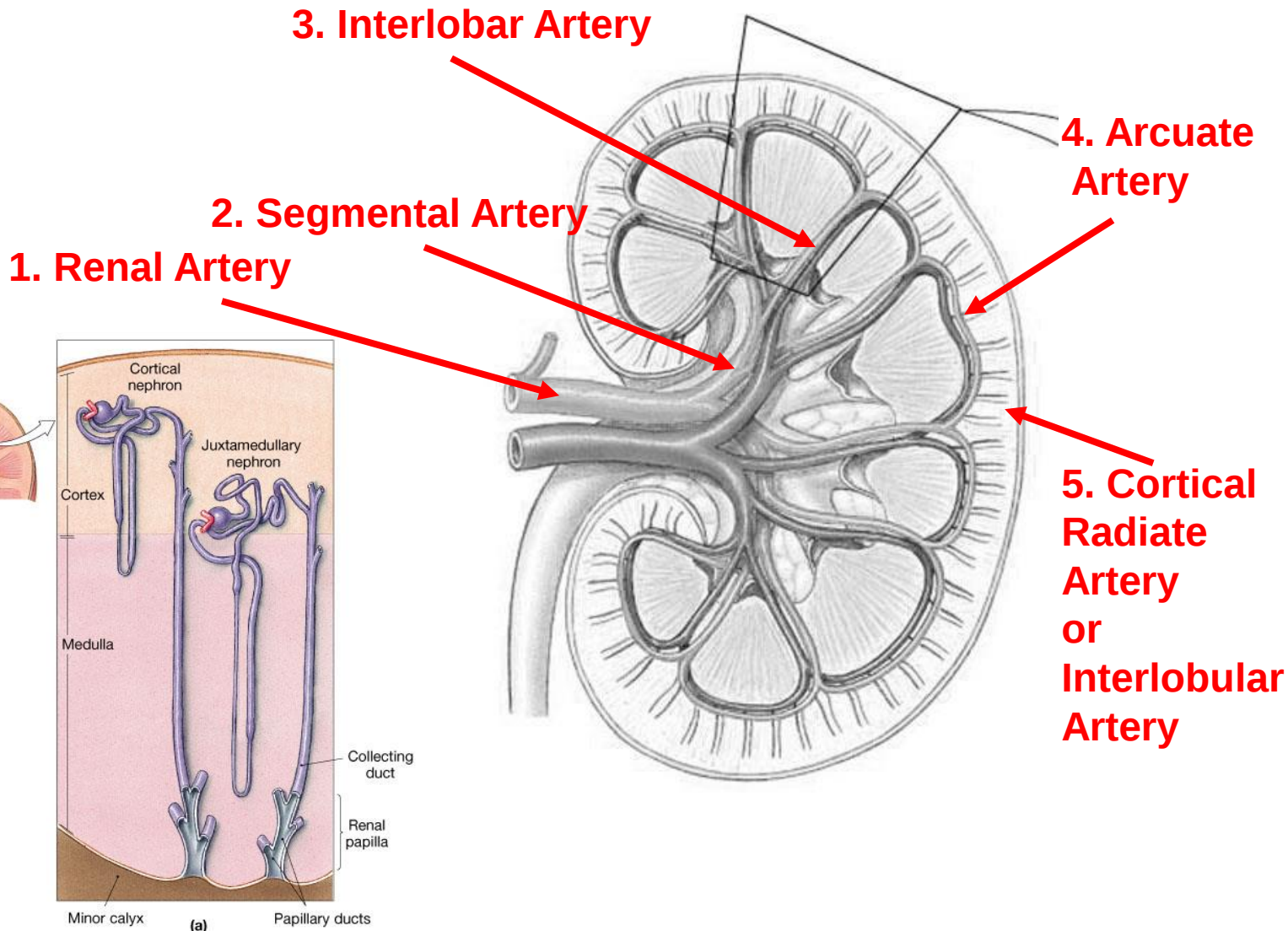


Renal Artery

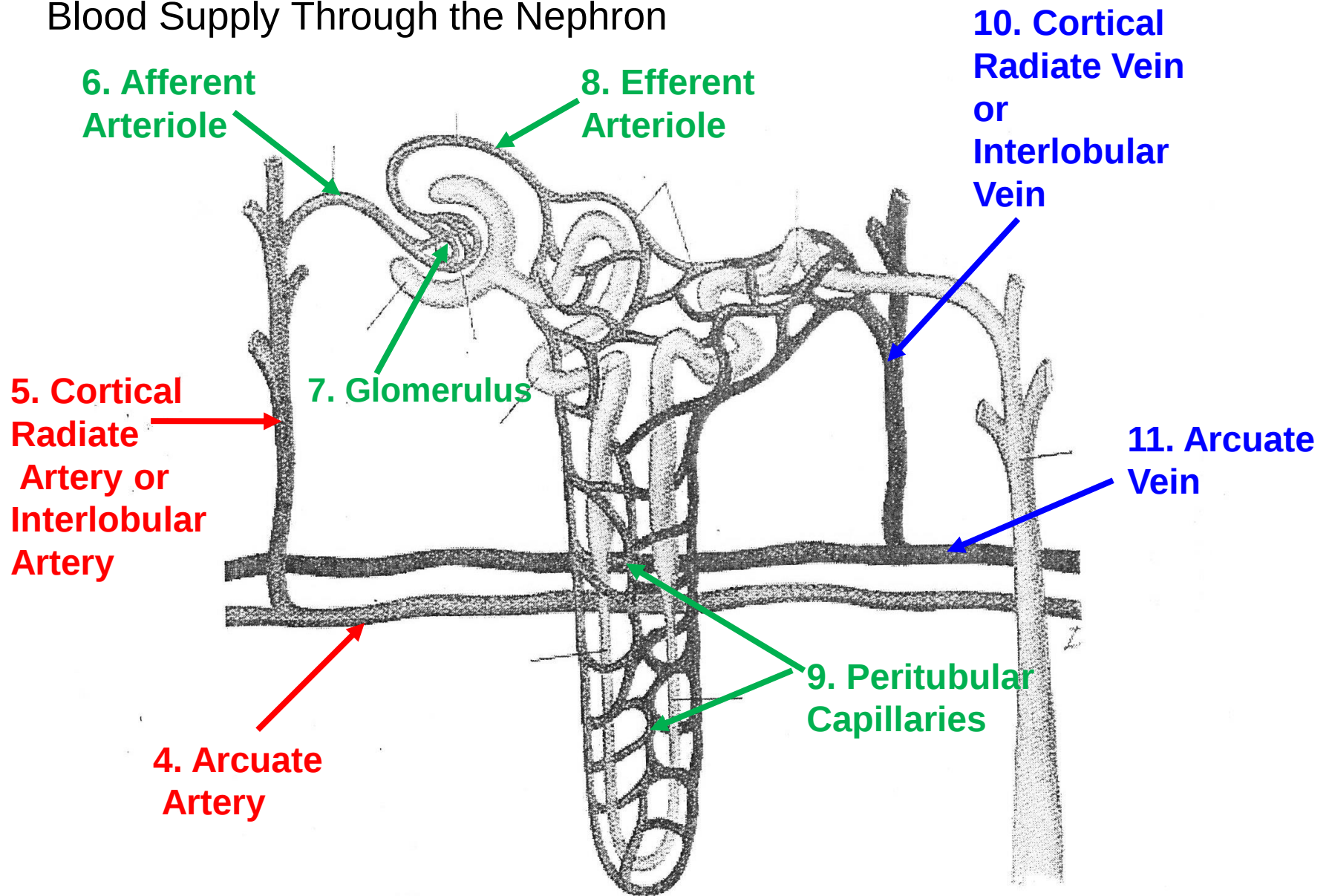
Renal Vein

Kidney Blood Supply

Blood Supply INTO the Kidney

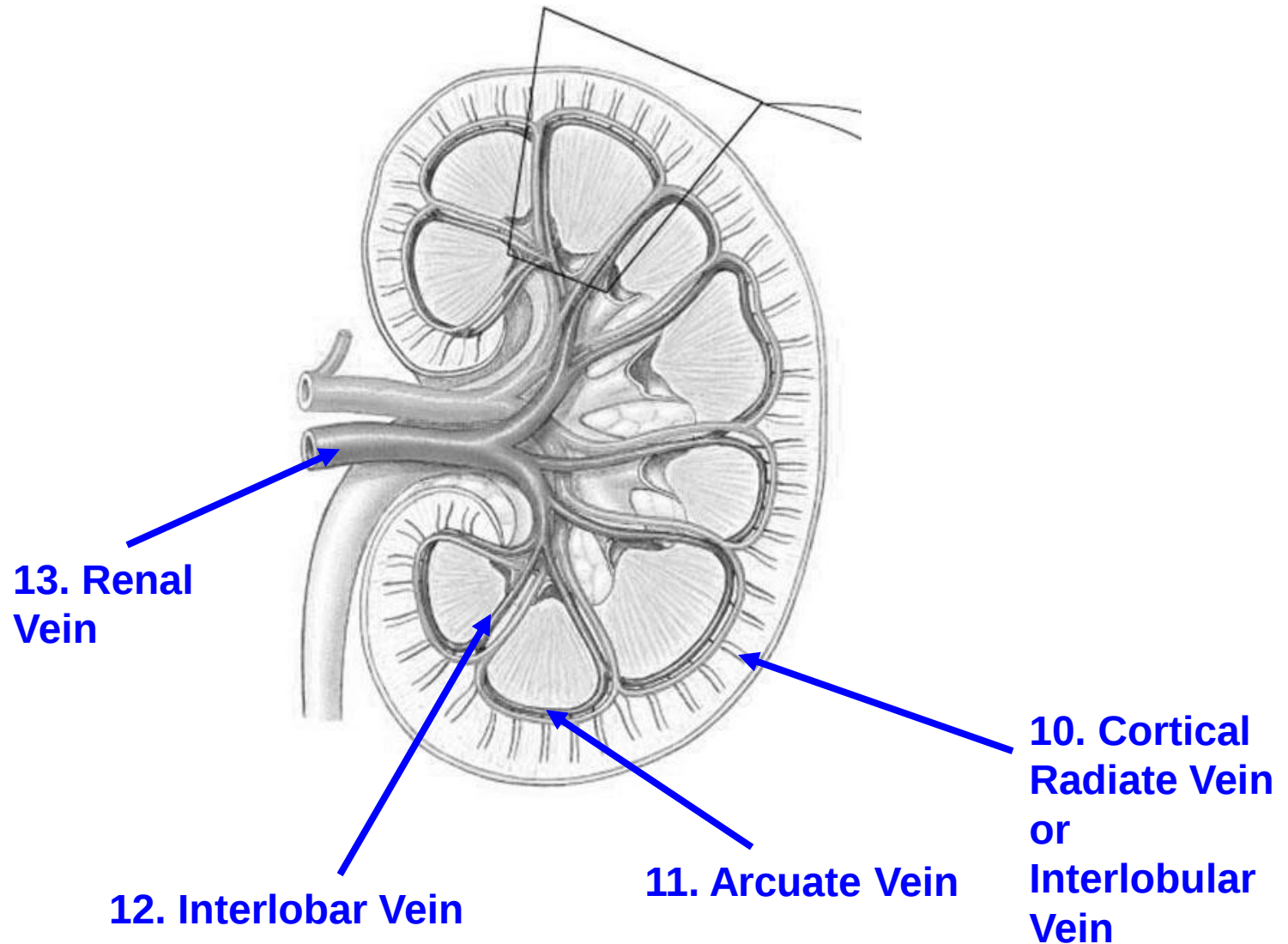


Blood Supply Through the Nephron

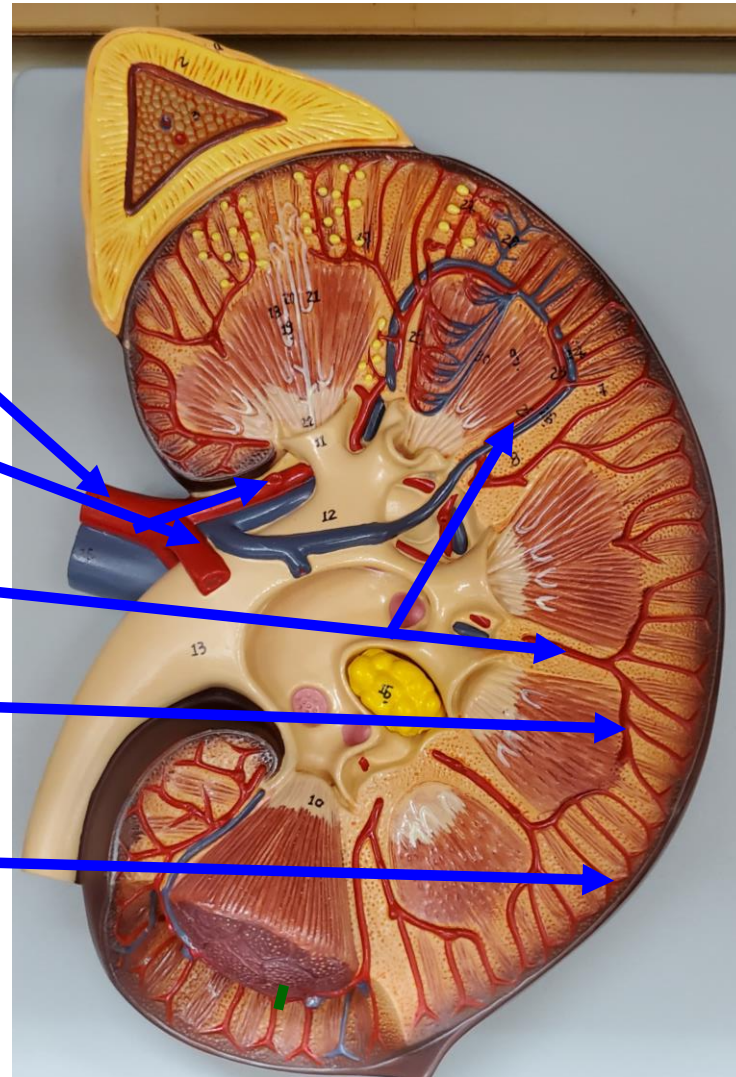
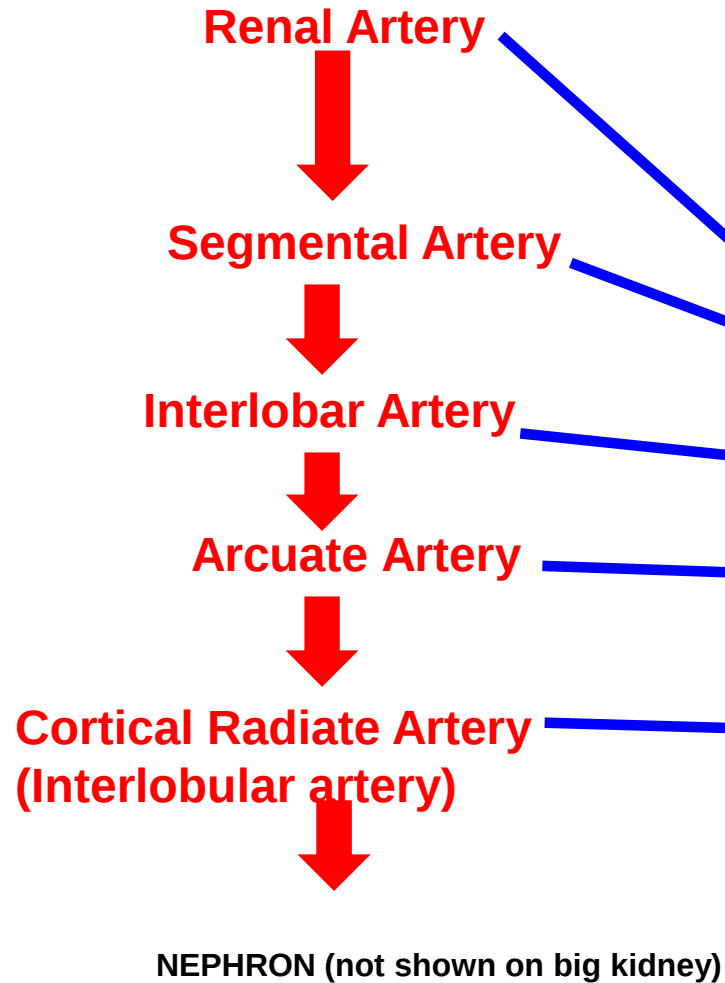


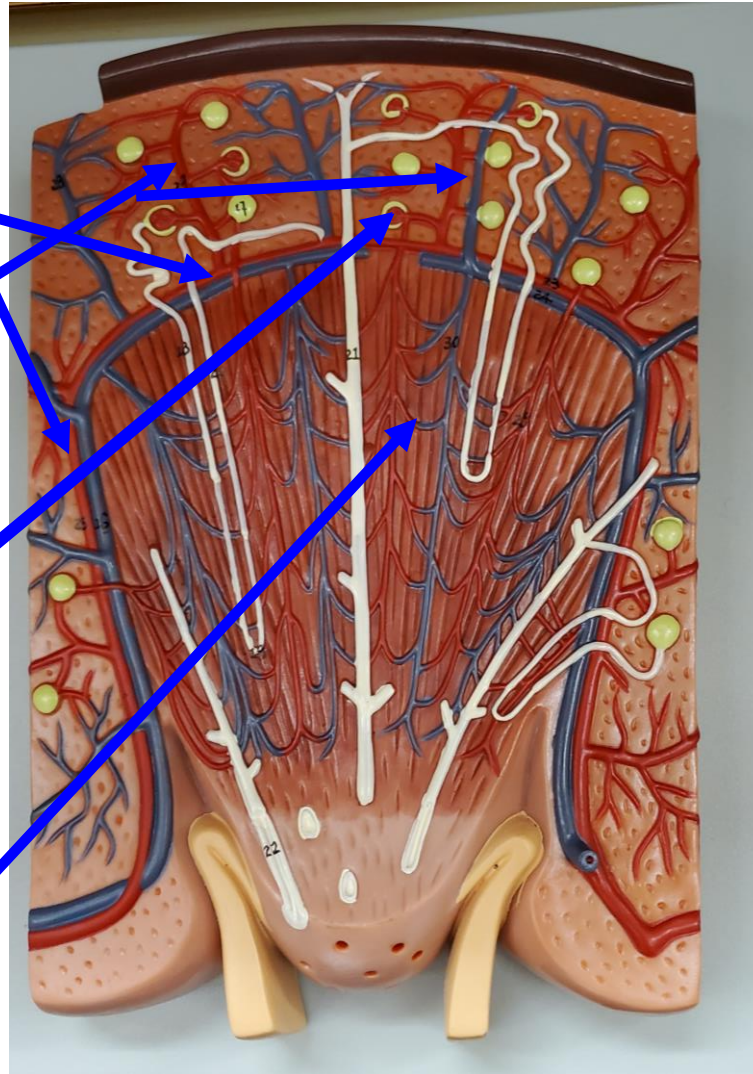
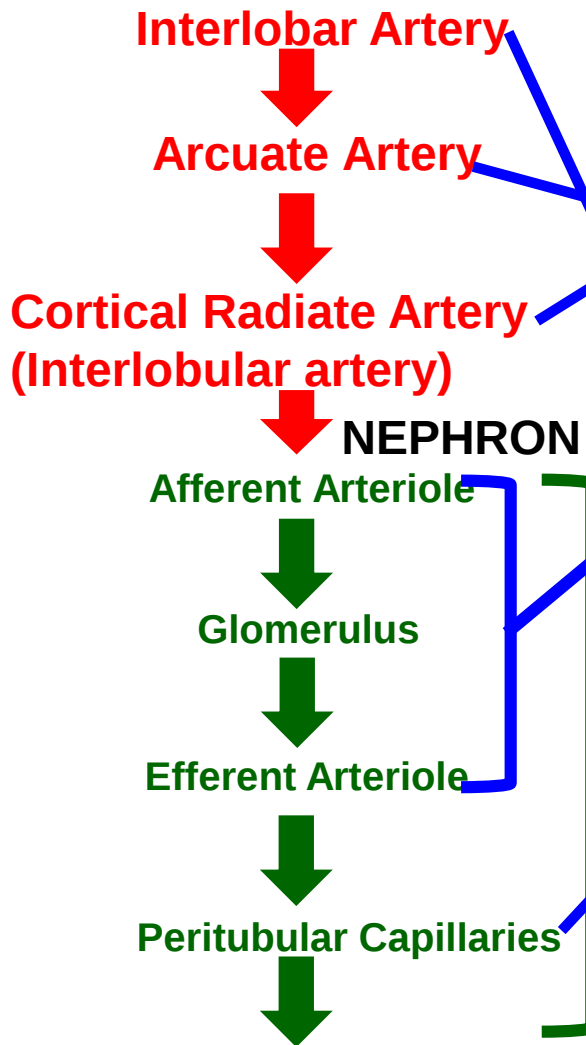
Kidney Blood Supply

Blood Supply OUT OF the Kidney



Arterial Blood Supply INTO the Kidney





Peritubular Capillaries



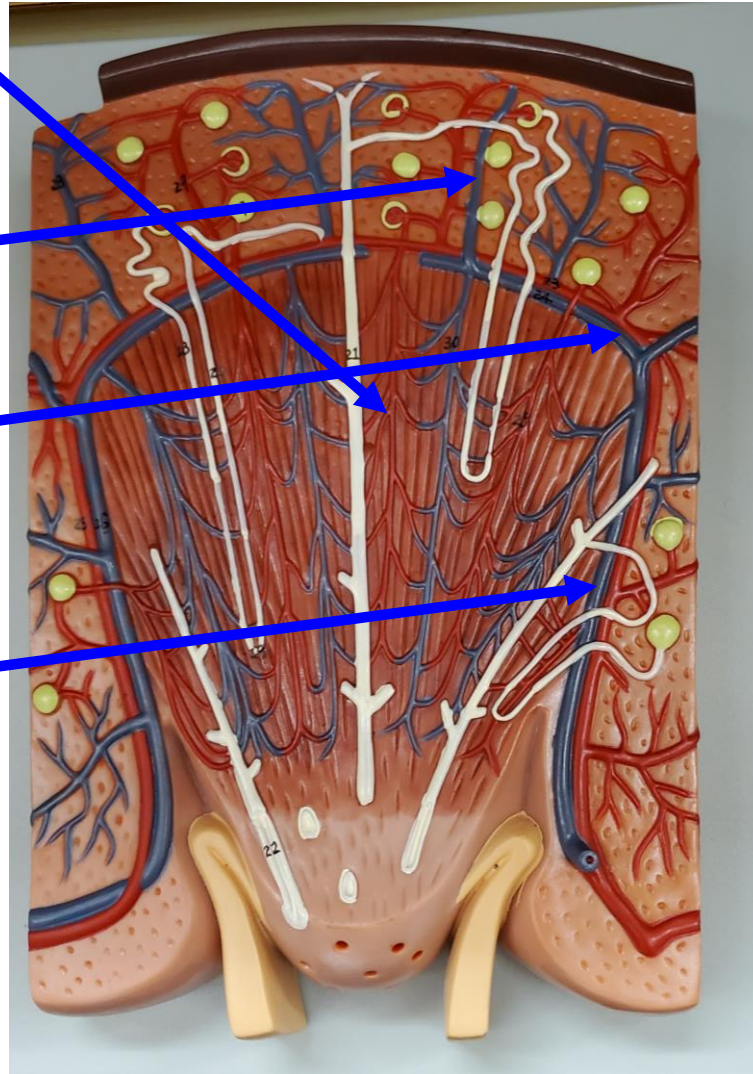
**Cortical Radiate Vein
(Interlobular Vein)**



Arcuate Vein



Interlobar Vein



Venous Blood Supply OUT OF the Kidney

**Cortical Radiate Vein
(interlobular vein)**



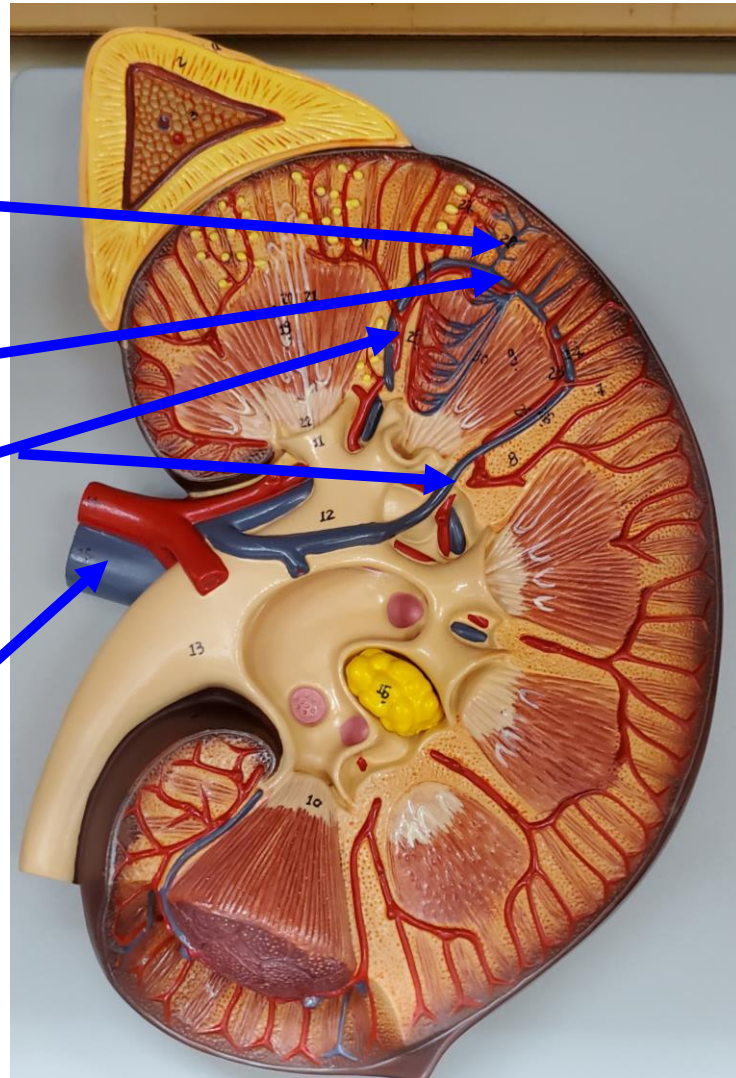
Arcuate Vein



Interlobar Vein



Renal Vein



Arterial Blood Supply INTO the Kidney

Renal Artery



Segmental Artery



Interlobar Artery



Arcuate Artery

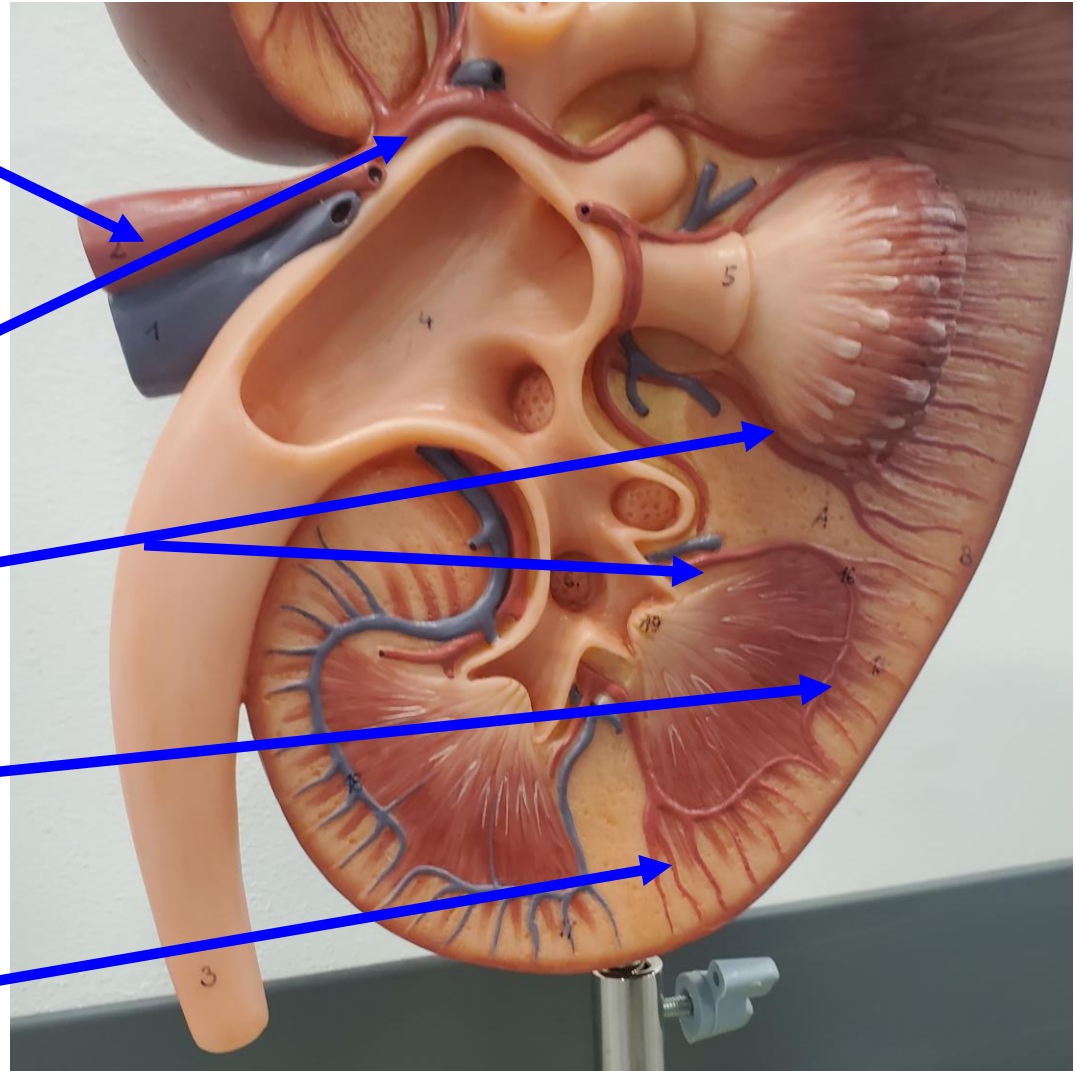


**Cortical Radiate Artery
(Interlobular artery)**



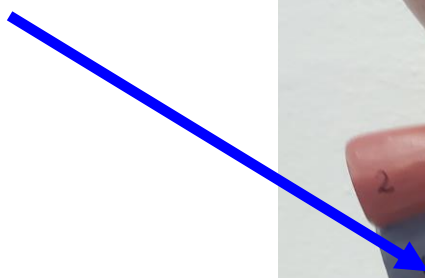
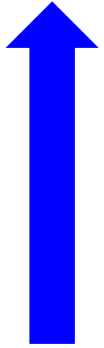
Afferent Arteriole → **Glomerulus** → **Efferent Arteriole** →

NEPHRON (not shown)

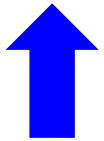


Venous Blood Supply OUT OF the Kidney

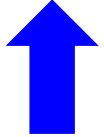
Renal Vein



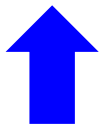
Interlobar Vein



Arcuate Vein



**Cortical Radiate Vein
(interlobular vein)**



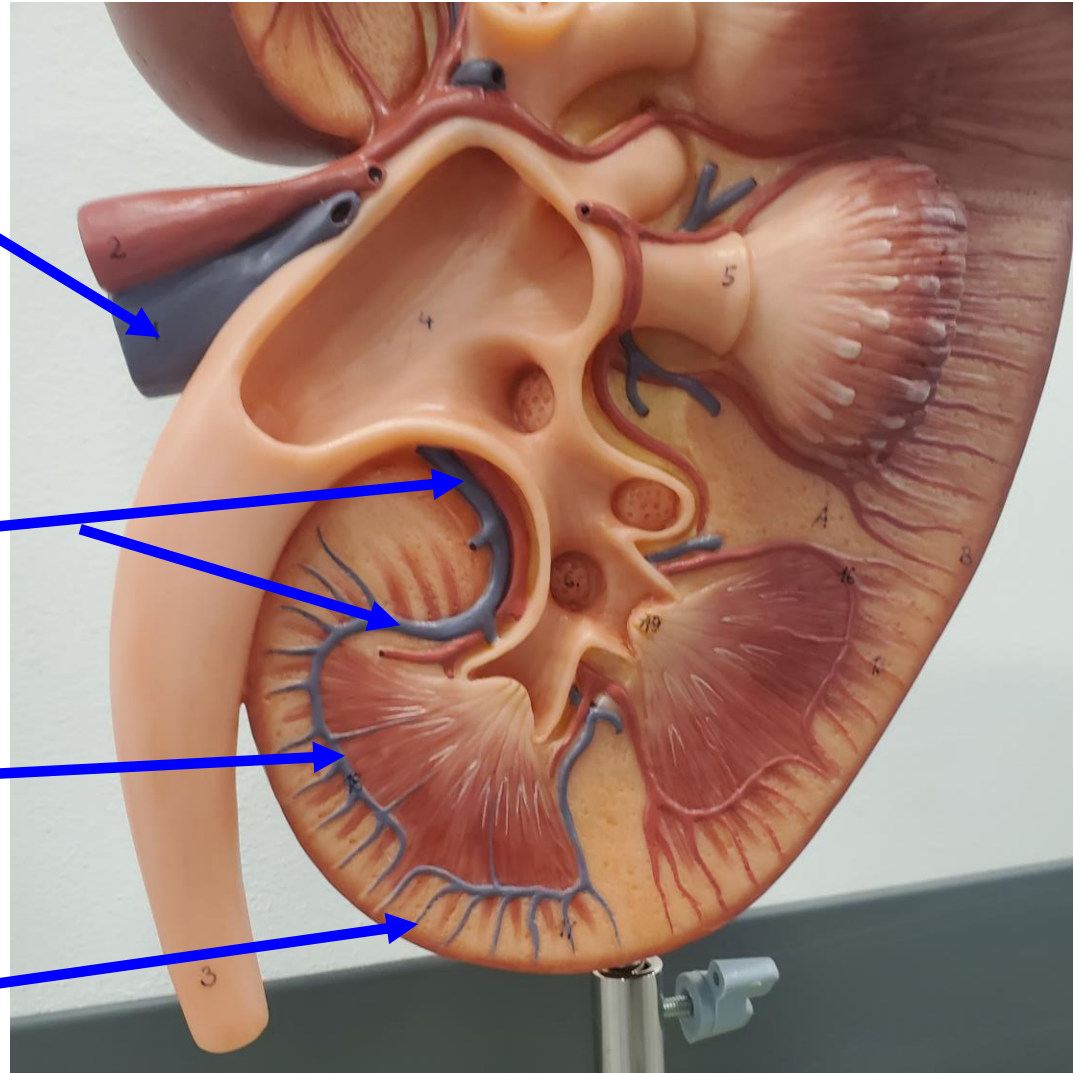
Peritubular capillaries



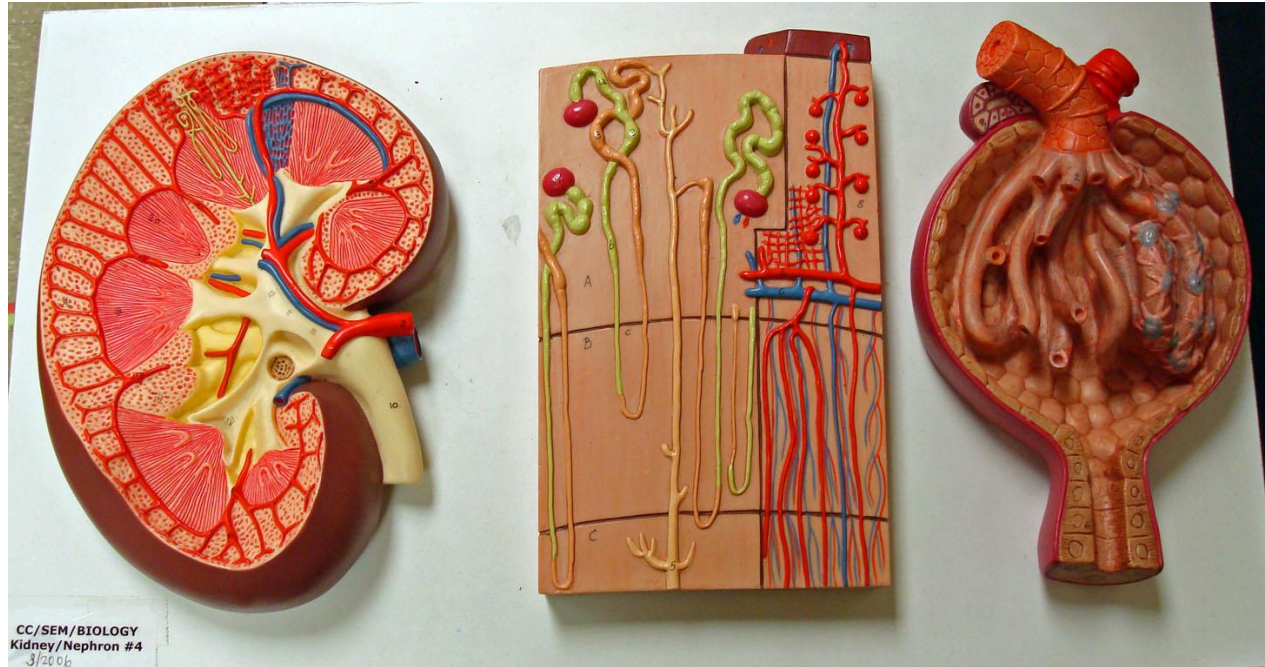
Efferent Arteriole



NEPHRON (not shown)



The Kidney Plaque



Nephron

**Glomerular (Bowman's)
Capsule**

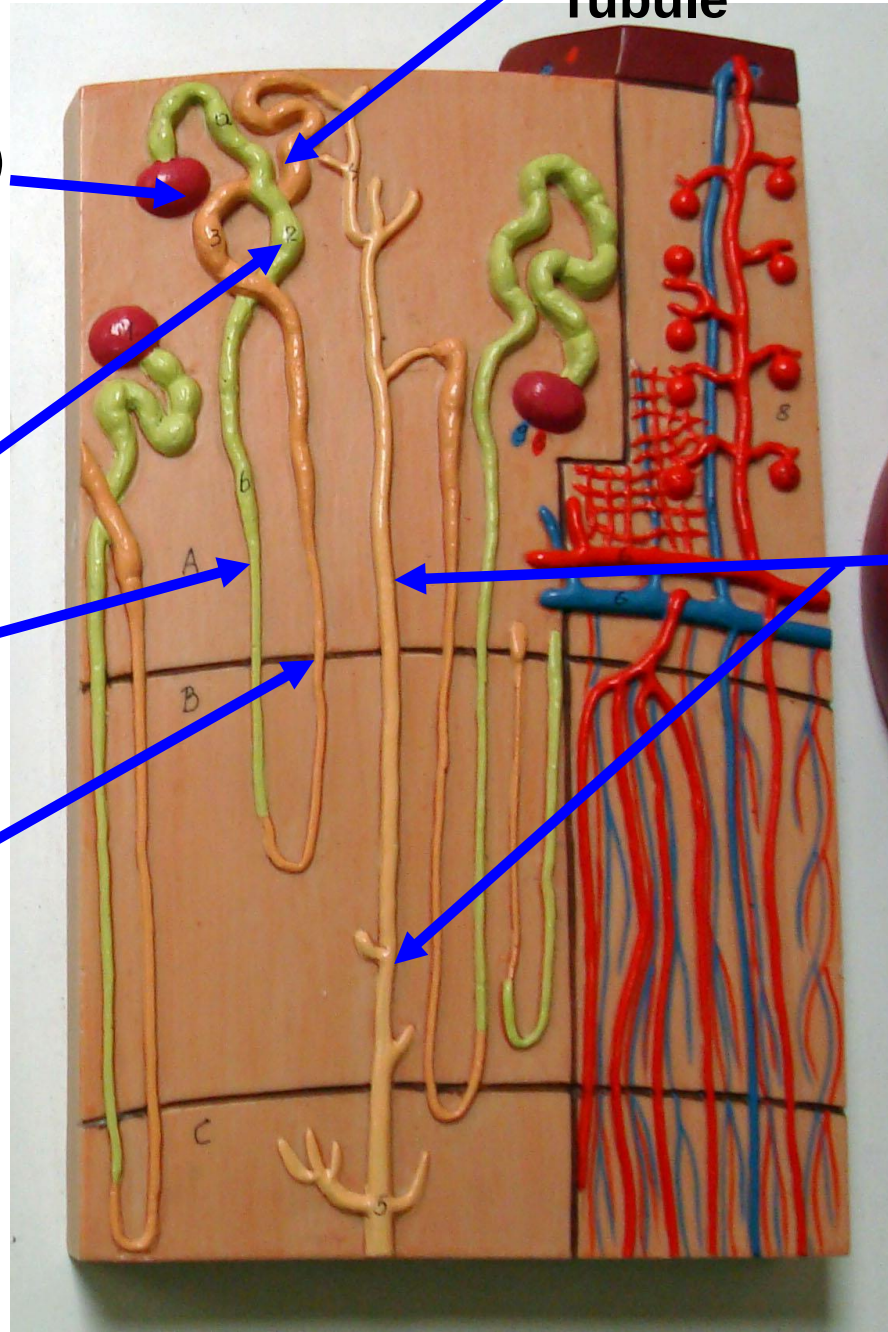
**Proximal Convoluted
Tubule**

**Descending Limb
of Loop of Henle**

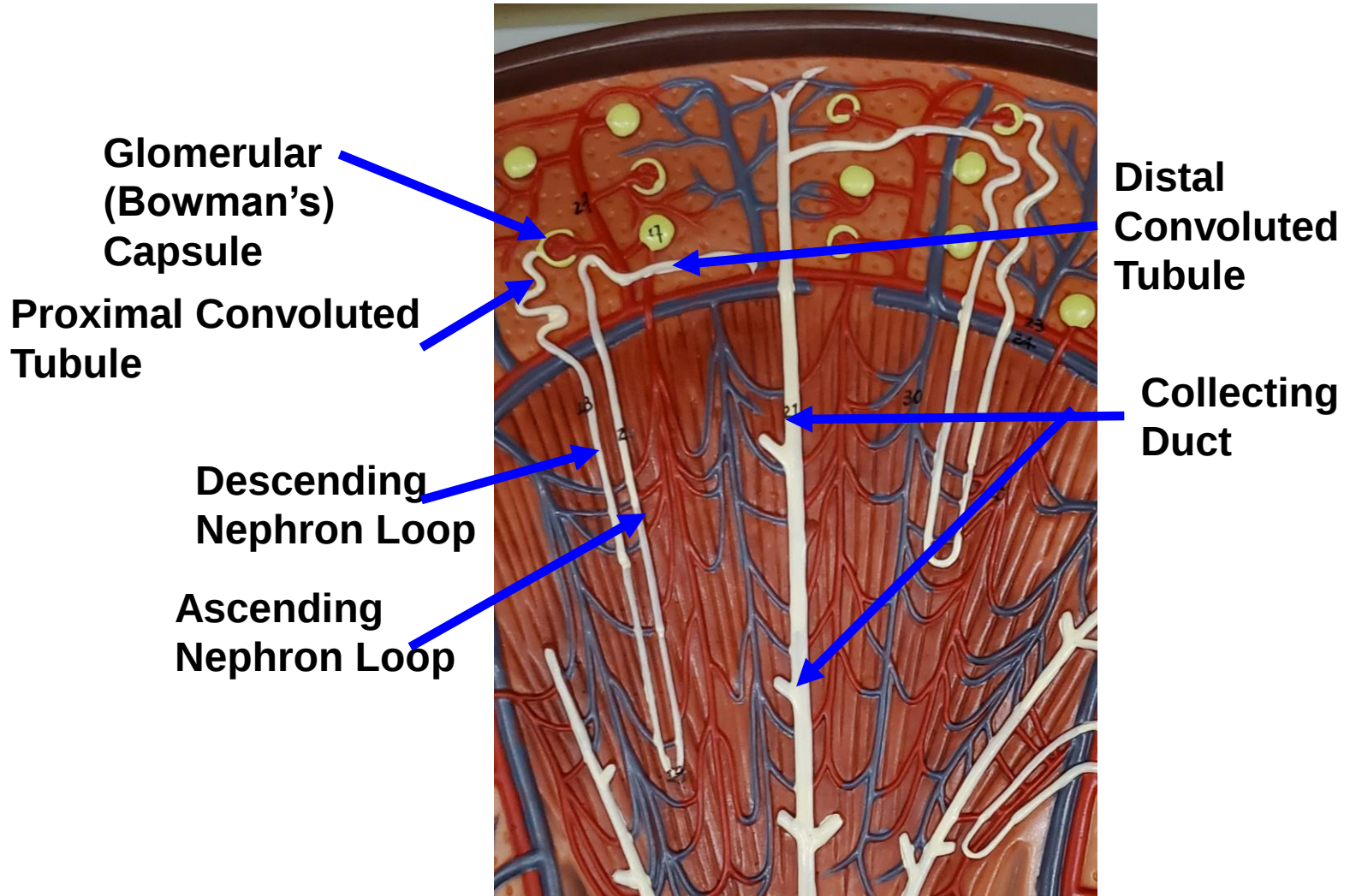
**Ascending Limb of
Loop of Henle**

**Distal Convoluted
Tubule**

**Collecting
Duct**



Nephron



Renal Corpuscle

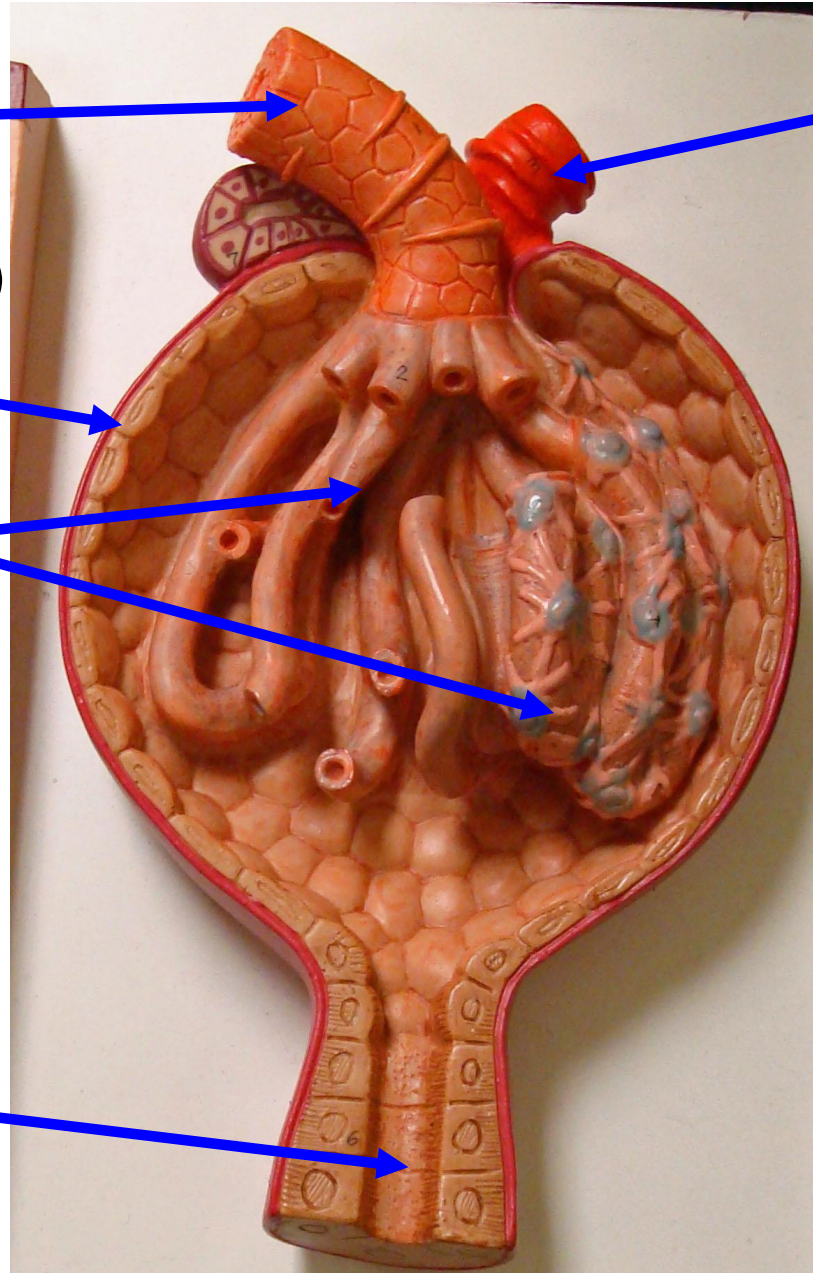
Afferent arteriole

Efferent arteriole

Glomerular (Bowman's)
Capsule

Glomerulus

Proximal Convoluted
Tubule



Renal Corpuscle

