



Be able to locate each structure on the lab models listed here:

- Kidney
- Ureter
- Bladder
- Urethra
- Inferior Vena Cava
- Abdominal Aorta
- Renal Artery
- Renal Vein

## Kidney-Nephron-Glomerulus

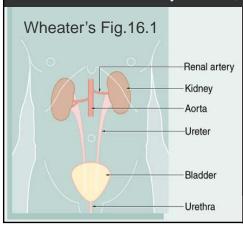
- •Renal Artery
- Segmental Artery
- Interlobar Artery
- Arcuate Artery
- •Interlobular Artery
- Afferent arteriole
- Efferent Arteriole
- •peritubular capillaries
- •vasa recta
- •Interlobular vein
- arcuate vein
- •interlobar vein
- •renal vein

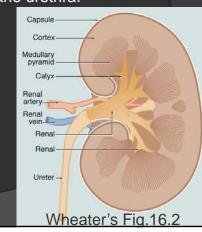
Renal capsule (not visible on model

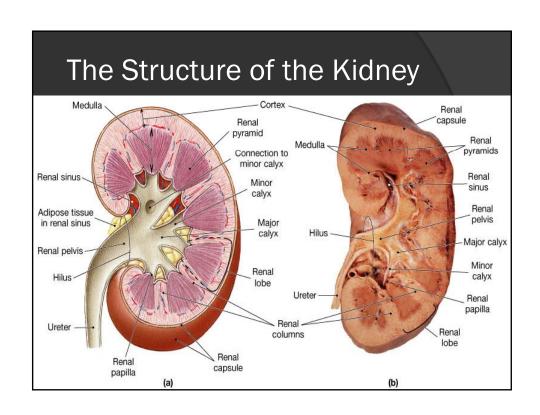
- •Renal Cortex
- •Renal Medulla
  - •Renal Pyramids
- •Minor Calyx
- •Major Calyx
- •Renal Pelvis
- Ureter
- •Kidney-Nephron-Glomerulus
- •Renal Corpuscle
  - •Glomerulus
  - •Bowmans Capsule (glomerular capsule)
- •Proximal Convoluted Tubule
- •Descending Limb( loop of Henle)
- •Loop of Henle
- •Ascending Limb (of the loop of Henle)
- •Distal Convoluted Tubule
- •Collecting Duct

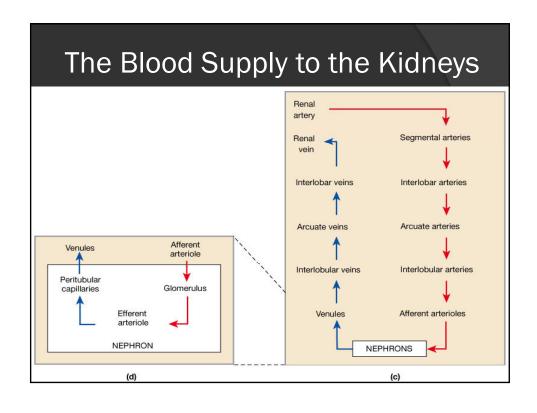
## **Urinary System**

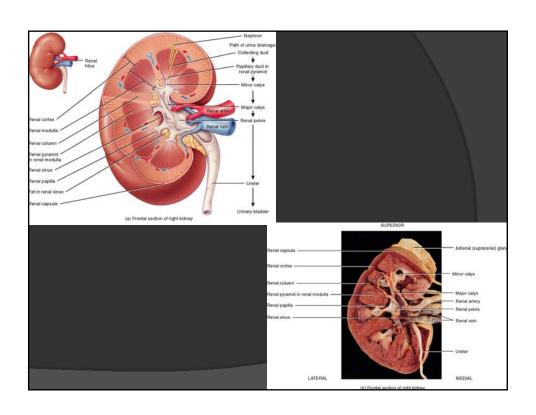
The urinary system consists of the two kidneys and the excretory passages, which convey urine from the kidneys to the exterior of the body. Excretory passages include the minor calyces, major calyces, renal pelvis (one for each kidney), the two ureters, the urinary bladder, and the urethra.

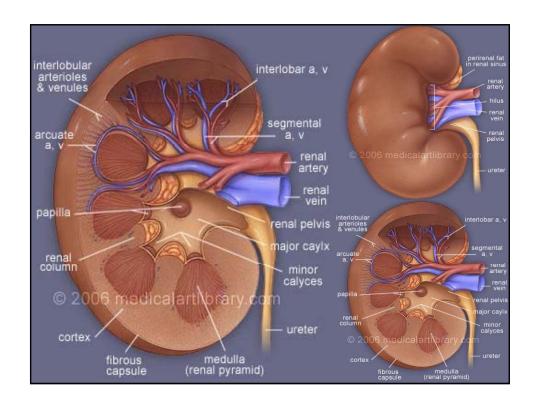


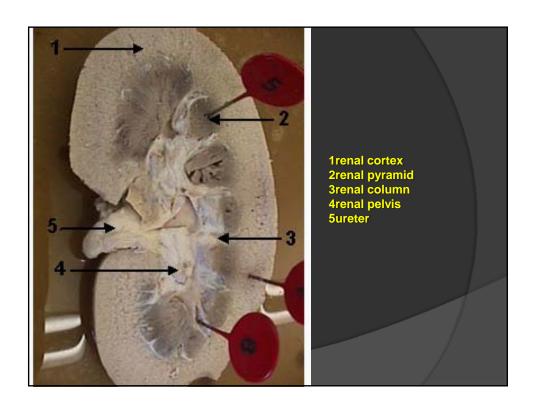


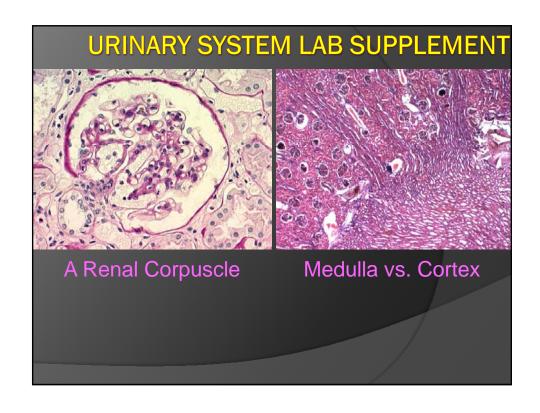


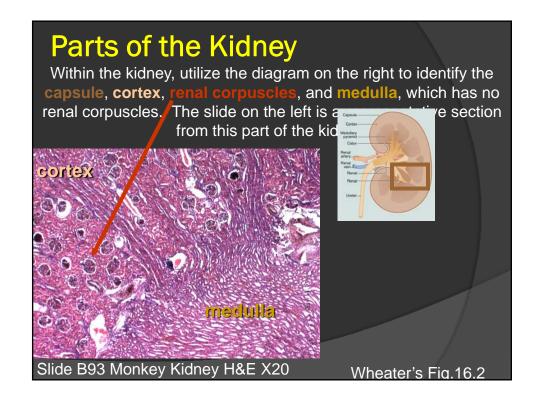












## Parts of the Kidney On the left, locate an area in the cortex where tubules run parallel to one another and are cut longitudinally. This is a pars radiata or medullary ray. On either side is a pars convoluta, which contains renal corpuscles and coiled tubules. Capsule Carex Medullary Penal Renal Renal Renal Wheater's Fig.16.2

