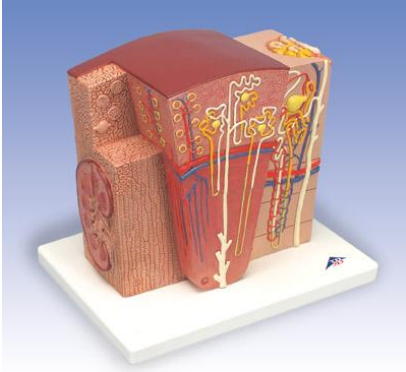


U4 – Microanatomy of Kidney



Zone A

1. renal capsule
2. renal cortex
3. renal medulla
4. renal pelvis
5. renal calyx
6. ureter
7. renal sinus

Zone B

1. renal cortex
2. renal medulla
3. renal pyramid (medullary rays)
4. renal pelvis
5. renal corpuscle

Zone C

1. Bowman's capsule (glomerular capsule)
2. glomerulus (glomerular capillaries)
3. interlobular artery
4. interlobular vein
5. renal corpuscle
6. proximal convoluted tubule
7. loop of Henle (nephron loop)
8. distal convoluted tubule
9. junctional tubule
10. collecting tubules and collecting duct
11. collecting duct
12. vasa recta
13. arcuate vein
14. arcuate artery

Zone D

1. proximal convoluted tubule
2. renal corpuscle
3. junctional tubule
4. distal convoluted tubule
5. interlobular vein
6. interlobular artery
7. arcuate artery
8. arcuate vein
9. descending limb of loop of Henle (nephron loop)
10. ascending limb of loop of Henle (nephron loop)
11. collecting duct
12. vasa recta capillaries
13. loop of Henle (nephron loop)

Zone E

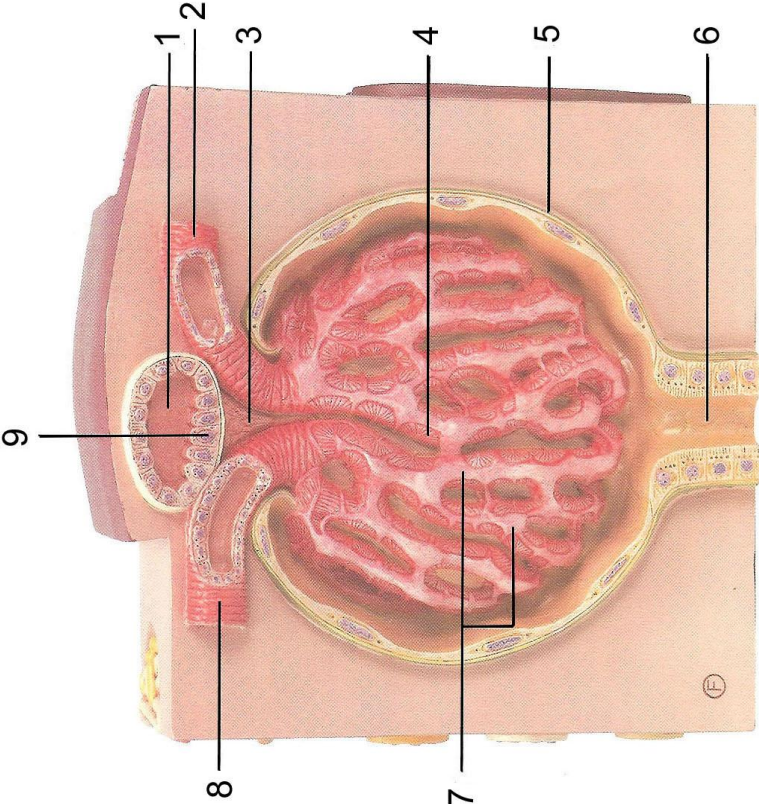
1. efferent arteriole
2. glomerulus
3. Bowman's capsule (glomerular capsule)
4. proximal convoluted tubule
5. descending limb of loop of Henle (nephron loop)
6. loop of Henle (nephron loop)
7. ascending limb of loop of Henle (nephron loop)
8. basement membrane
9. brush border (microvilli)
10. distal convoluted tubule
11. efferent arteriole

Zone F

1. distal tubule
2. efferent arteriole
3. extraglomerular mesangial cells
4. glomerulus (glomerular capillaries)
5. Bowman's capsule (glomerular capsule)
6. proximal convoluted tubule
7. podocytes
8. afferent arteriole
9. macula densa

U4 – Microanatomy of Kidney

Zone F



Zone E

