

HUMAN ANATOMY & PHYSIOLOGY 2

STUDY GUIDE FOR LAB PRACTICAL

INSTRUCTOR: CJ SHUSTER

- you must also know all diagrams from your lab book (including associated word lists).
- you must know all microscope slides and dissections as outlined on this study guide.
- you are also responsible for the wall charts.

THIS IS A REVIEW, AND DOES NOT INCLUDE DRAWINGS, VALUES ETC. FROM THE MANUAL!!!!!!
THIS IS NOT A CONTRACT!!! My only guarantee is that this will cover 90-95% of the items seen on the lab practicals.

CHAPTER 33-URINARY SYSTEM:

A. WHOLE KIDNEY MODELS & WALL CHART:

afferent arteriole
arcuate artery
arcuate vein
calyx (major & minor)
collecting tubule
cortex
efferent arteriole
hilus
interlobar a. & v.
interlobular a. & v.
loop of henle
medulla/medullary
nephron
renal artery
renal vein
renal capsule
renal column
renal corpuscle
renal papilla
renal pelvis
renal pyramid
ureter

B. NEPHRON MODEL & WALL CHART:

afferent arteriole
arcuate a.

arcuate v.
ascending limb of the loop of henle
Bowman's capsule
collecting tubules
descending limb of the loop of henle
distal convoluted tubule
efferent arteriole
glomerulus
interlobar a. & v.
interlobular a. & v.
loop of henle
peritubular capillaries
proximal convoluted tubules
renal capsule
renal corpuscle
renal cortex
renal papilla
renal pyramid

C. RENAL CORPUSCLE MODEL:

afferent arteriole
Bowman's capsule
distal convoluted tubule
efferent arteriole
glomerulus
juxtaglomerulus apparatus
proximal convoluted tubule
renal corpuscle

Urinary Wordlist (continued)

D. SHEEP KIDNEY DISSECTION:

calyx (calyces)
cortex
hilus
medulla
renal columns
renal papilla
renal pelvis
renal pyramids
ureter (if present)

E. SLIDE-MOUSE KIDNEY:

blood vessels
bowman's capsule
collecting ducts
cortex
convoluted mtubules
glomerulus
medullary

Guide for Urinary Labs

This is a guide for what the student should learn off of the various models, dissections, etc. This is a guide only; it is not an exclusive list.

Models/Charts found in Regular Lab & Learning Lab

Male & Female Pelvis Model:

Any associated structure or other term (, etc.) you can see. See especially the first 2 diagrams in your lab book (and the corresponding images in you lecture text).

Urinary Tract - Frontal View Model:

Any associated structure or other term (, etc.) you can see. See especially the first 2 diagrams in your lab book (and the corresponding images in you lecture text).

Upright Urinary Model with Bladder:

Any associated structure or other term (, etc.) you can see. See especially the second diagram in your lab book (and the corresponding images in you lecture text).

Kidney On stand Model:

Any associated structure or other term (, etc.) you can see. See "SECTION A" on your wordlist.

Torso Model:

Any associated structure or other term (, etc.) you can see. See especially the first 2 diagrams in your lab book (and the corresponding images in you lecture text).

Laminated pictures:

Know everything off the images in lab book.

Kidney Section (with close-up of nephron and corpuscle) Model:

Any associated structure or other term (, etc.) you can see. See SECTIONS "A", "B", and "C" on your wordlist.

Wall Chart:

Know everything off the images in lab book.

Biomount

Dissections:

Fresh or preserved kidneys IF AVAILABLE. See Dissection Handout.

Slides:

NOTE: slides are not currently "Mouse", but rather of a human. This may change in the future.

Other:

We may also do the urinalysis lab. If so, know all bold-faced terms, and how to read a result.