

# HUMAN ANATOMY & PHYSIOLOGY II

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!!!!!!**

## **CHAPTER 26-THE HEART:**

### A. MODELS & WALL CHART:

anterior interventricular artery  
aortic semilunar valve  
aortic arch  
apex  
ascending aorta  
atria (rt & left) & auricles  
base  
bicuspid valve  
chordae tendonae  
circumflex artery  
coronary sinus  
descending aorta  
endocardium  
great cardiac vein  
innominate (brachiocephalic) artery  
interventricular septum  
left common carotid artery  
left coronary artery  
left subclavian  
mediastinum  
mitral valve  
myocardium  
papillary muscles  
pericardial cavity  
pericardium (visceral & parietal)  
pulmonary trunk  
pulmonary semilunar valve  
pulmonary arteries  
pulmonary veins  
rt coronary artery  
tricuspid valve  
vena cava (superior & inferior)

ventricles (rt & left)

### B. SHEEP HEART DISSECTION:

aortic semilunar valve  
aortic arch  
apex  
ascending aorta  
atria (rt & left)  
base  
bicuspid valve  
chordae tendonae  
interventricular septum  
mitral valve  
myocardium  
papillary muscles  
pulmonary trunk  
pulmonary arteries  
pulmonary veins  
pulmonary semilunar valve  
tricuspid valve  
vena cava (superior & inferior)  
ventricles (rt & left)

### C. CARDIAC TISSUE SLIDE:

cardiac tissue  
intercalated disks

### Guide for Heart 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

Human torso with ribs (or any other torso) Model:

Any associated structure or other term (, etc.) you can see. See especially	
anterior interventricular artery	left subclavian
aortic semilunar valve	mediastinum
aortic arch	myocardium
apex	pulmonary trunk
ascending aorta	pulmonary semilunar valve
atria (rt & left) & auricles	pulmonary arteries
base	pulmonary veins
descending aorta	vena cava (superior & inferior)
innominate (brachiocephalic) artery	ventricles (rt & left)
interventricular septum	
left common carotid artery	

Heart Biomount:

Be able to ID it. Any associated structure or other term (, etc.) you can see.

Heart Models:

Any associated structure or other term (, etc.) you can see.

Cardiac tissue pictures:

Know everything off the images in lab book.

Circulatory Chart:

Know basic parts and where oxygenated & deoxygenated blood are found

Heart Wall Chart:

Know everything off the images in lab book.

Dissections:

see word list

Slides:

see word lists