

# HUMAN ANATOMY & PHYSIOLOGY I

STUDY GUIDE FOR LAB PRACTICAL I

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- 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 11-APPENDICULAR SKELETON**

pectoral girdle  
pelvic girdle  
clavicle

sternal end  
acromial end  
head

scapula

glenoid cavity  
acromion process  
glenoid fossa  
coracoid process  
all 3 borders (superior, medial, lateral)  
subscapular fossa  
supraspinatus fossa  
infraspinatus fossa

humerus

head  
deltoid tuberosity  
olecranon fossa  
trochlea  
capitulum  
coronoid fossa  
lateral epicondyle  
medial epicondyle  
body (diaphysis)  
anatomical neck  
greater tubercle  
lesser tubercle

ulna

head

olecranon process  
coronoid process  
trochlear/semilunar notch  
styloid process  
radial notch

radius

styloid process  
head  
radial tuberosity

carpals (the "carpus"). 2 rows (distal & medial). From lateral to medial:

distal:

trapezium  
trapezoid  
capitate  
hamate

medial:

pisiform  
triquetrum  
lunate  
scaphoid

metacarpals

phalanges of the hand

os coxae/innominate

acetabulum

obturator foramen

ilium

iliac crest

iliac fossa

greater sciatic notch

ischium

lesser sciatic notch

pubic

pubic symphysis

femur

- head
- neck
- greater trochanter
- lesser trochanter
- linea aspera
- medial condyle
- lateral condyle
- intercondylar fossa

patella

tibia

- medial condyle
- lateral condyle
- intercondylar eminence
- tibial tuberosity
- medial malleolus

fibula

- lateral malleolus
- head

tarsals

- calcaneus
- talus
- cuboid
- navicular

metatarsals

phalanges of the foot

### Guide for Appendicular Skeleton 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.**

#### Skeletons, Models & Charts found in Regular Lab & Learning Lab

Articulated skeletons:

Any bone or associated structure (aponeurosis, etc.) you can see. Be able to ID bones & markings.

Disarticulated skeletons:

Any bone or associated structure (aponeurosis, etc.) you can see. Be able to ID bones & markings.

#### The following models will not be in the learning lab

\*these models are for guidance during regular lab period.

Disarticulated Skull  
Human Demo Skull (take-apart skull) with sinuses

NOTE: Only plastic skeletons will be available in the learning lab. No real bone.

#### Other:

Don't forget to use the images in your lecture book or the textbooks available in the back of lab.