

HUMAN ANATOMY & PHYSIOLOGY I

STUDY GUIDE FOR LAB PRACTICAL II

INSTRUCTOR: CJ SHUSTER

- you must also know all diagrams (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 13: MUSCLE TISSUE

A. GENERAL TERMS:

excitable
contractile
muscle fibers
skeletal muscle tissue
striated muscle tissue
cardiac muscle tissue
intercalated disks
smooth muscle tissue
deep fascia
epimysium
fasciculi(us)
perimysium
endomysium
sarcolemma
transverse (T) tubules
sarcoplasmic reticulum
myofibrils
sarcomeres
myofilaments
thick filaments
thin filaments
actin
myosin
z-bands
I-bands
H-zone
A-band
neuron
innervation
neuromuscular junction
motor unit
axon terminals
motor end bulbs
motor end plate
synaptic cleft
synaptic vesicles
neurotransmitters
sarcoplasm

MOVEMENTS (note: these terms can be covered in either the muscle or articulation lab):

A. GENERAL TERMS:

parallel muscles
pennate muscles
convergent muscles
sphincter muscles
origin
insertion
flexion
extension
dorsiflexion
plantar flexion
abduction
adduction
circumduction
rotation
pronation
supination
inversion
eversion
elevation
depression
opposition
antagonistic pairs
agonist
antagonist
synergist
fixators