

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 25-EAR:

A. GENERAL TERMS:

equilibrium
otoliths
otoscope
sacculae
statocytes
utricle

round window
scala tympani
scala vestibuli
semicircular canals
stapes
tectorial membrane
tympanic membrane
vestibular membrane
vestibular nerve
vestibule
vestibulocochlear nerve

B. MODEL & WALL CHART:

ampullae
auditory (eustachian) tube
auditory ossicles
auricle
basilar membrane
cochlea
cochlear duct
cochlear nerve
cristae ampullaris
endolymph
external auditory canal
external ear
hair cells
incus
inner ear
labyrinth
malleus
middle ear
organ of corti
oval window
perilymph
pinnae

C. SLIDE-X-SECTION OF THE COCHLEA:

basilar membrane
cochlear duct
hair cells
organ of corti
scala vestibuli
scala tympani
tectorial membrane

D. MODEL OF THE COCHLEA

afferent fibers
basilar membrane
cochlear duct
hair cells & nerves
organ of corti
scala vestibuli
scala tympani
tectorial membrane
vestibular membrane

Guide for Ear 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

Whole Ear Model:

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

Inner Ear Model (there is only 1):

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

Cochlea Model:

Any associated structure or other term (lens, etc.) you can see. See specific section on word list.

Eye Wall Charts:

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

Slides:

"Ear-Cochlea (mammal)" See lab book and specific word list.

Other

Understand what these apparatus are testing for, and basically how to use them:
otoscope

Understand the difference between "static" and "dynamic" equilibrium. Which parts of the ear are responsible for each. You may have to use you lecture book on this one!