

Chapter Study Guides for C8, C9, & C10 (0723)

Only the Essential Information!

C8

- 1 What structures are located in the anterior, middle, and posterior cranial fossa?
- 2 What type of membrane line the cranial sinuses around the nasal cavity? Significance?
- 3 What are the three abnormal spinal curvatures?

C9

- 4 What is another name for a joint? (a medical term not a street term!) What are joints? Do they have to move in order to be called a joint? What criteria is used to define the two different classification systems?
- 5 In the functional classification system, what do these terms mean: synarthroses, amphiarthroses, and diarthroses? (Hint: remember SAD)
- 6 In the structural classification system, what three different types of substances may be in the joint? Give one example of each (as discussed in class).
- 7 What is the most common type of joint? What is the appropriate term to use in each classification system?
- 8 What is a menisci? Type of connective tissue? Found where? Function?

C10

- 9 What are the three kinds of muscles? What are the simple characteristics of each muscle type?
- 10 How is the connective tissue integrated into the muscle organ? How does it transition from the middle of the muscle to the ends of the muscle? What is the name of the different layers of connective tissue when they reach the end of the muscle? Significance?
- 11 What is compartment syndrome? Explain the condition in terms of the connective tissue and blood.
- 12 What is the structure and function of the follow: tendon, ligament, aponeurosis, and retinaculum?
- 13 When you have a joint there will be skeletal muscles on both sides of the joint which allows the joint to extend and flex. Draw a picture to show how these terms used, prime mover (the agonist), synergist, antagonist, and fixator. Use the elbow joint.
- 14 What is the difference between corticospinal and corticobulbar tracts? What one term maybe used to describe these two tracks? What are the two different lower motor tracts? Together what do these different tracts connect? Are these voluntary of involuntary tracts?