BI 199 ANATOMY LAB EXPLORATION 4! ☺

Thanks sincerely for printing the first and last name of each group member below:

1. 2. 3. 4.

Today's 1^0 goal is to interact with the dissectors at each station and ask whatever your heart desires! The few questions listed below are based on class poster presentations during our last 3 sessions. Let experts in your group who did the particular presentation help with the answers. Their names are listed at the end of a question in brackets [ ]. If you switch roles among recorders and examiners, be sure to change gloves to avoid cross-contamination of pens and references. Also, thanks for being gentle – put every structure back exactly as you found it – leave no trace! – to help with preservation, be sure to cover body areas you're not examining! All questions are open game! Have fun learning!

1. Attempt to locate a ***uterus*** in female specimen within cadavers 1-5. Why might it be missing in a female cadaver? Where is the uterus anatomically in relation to the bladder? How does this alter urination during pregnancy? Is resistance training recommended during pregnancy? [Ruben Lancaster]

2. What joint is involved in a ***rotator cuff injury***? Identify these joint in cadavers 6-8. What are the ***SITS*** of the rotator cuff? List out each muscle and have each group member *identify & say out loud,* muscles that make up the ***SITS***. List one 1^0 function of the SITS. [Eric Monasevitch & Alex Tucker]

3. What is the lay term for **clavicle**? Identify both clavicles in cadavers 1-5. List one 1^0 mechanism for clavicular fractures. Identify the joints at either end of the clavicle. Be sure to spell out any abbreviations. [Brianne Parsons]

4. Identify one of two paired ***vagus nerves*** in cadavers 1-5. What do vagus mean in Latin? What parts of the heart do the vagus nerves innervate? If the vagus nerves fire, what happens to the heart rate? [Matthew Biller]

5. What joint is operated on in ***Tommy John*** surgery? Find the joint in any of the cadavers 1-8. What athletes usually have this surgery? What is the name of the ligament involved? [Joey Springer & Drew Colbert]

6. Where are the ***anterior and posterior cruciate ligaments*** located? Identify in cadavers 1-5. In at least one joint that is exposed there are no anterior and posterior cruciate ligaments. Why? [Jennifer Vargas & Janson Fritzley]