**Pre-Lab Assignments**

Please remind students that they will need to complete pre-lab exercises before coming to lab.

**Case Study: “Assisting the Surgeon”**

Students should have read the case study before class, but it is always helpful to review during class. They will be walking through the terminology in the lab using this case study.

**Activity 1**- Organ Systems and Functions

Students should use a torso model to find organs and then label their system in the chart provided in the lab workbook or digital lab manual. They should fill-out the chart identifying the organ system as they go.

Materials for Each Tray: Anatomical Terminology Label Binder

Other Material for lab: 6 torso models (preferably more if we have them)

**Activity 2**-Anatomical Terminology

Students should work in pairs to label the muscle model with the sticky labels for the surface terminology.

Materials for Each Tray: Anatomical Terminology Label Binder

Other Material for lab: 12 mini muscle models (or as many as we have)

**Activity 3**- Directional Terms

Students often struggle understanding directional terms and may need additional explanations when you introduce this lab (please see the PPT). Students should individually answer the questions in the workbook using the torso model or muscle model as a reference.

No specific material needed

**Activity 4**- Body Planes and Sections

Students will be cutting 3 playdoh balls along the different planes of section. They will then use the laminated images of the brain to determine the plane of section in each image. Finally, they will analyze the stab wound images in the lab manual. Please make sure they put the caps on the playdoh so it doesn’t dry out.

Materials for Each Tray: Blunt probe (2 per tray), container of modelling clay (2), plastic knives (2)

**Activity 5**- Body Cavities and Serous Membranes

Students will complete the Ziploc bag activity.

Materials for Each Tray: resealable bag with 15 ml of water (dyed blue)

Other Material for lab: torso model (at least 6 for the lab)

**Activity 6**- Abdominal Regions and Quadrants

Students will complete this activity with the material that is available to them in their lab manual. They need to draw in the lines to represent the four quadrants. They will use they image of the nine regions to complete the table below. Encourage students to label the image with the names of the regions.

No materials necessary

**Lab Clean-up Instructions**

Students must clean the lab benches with the disinfectant solution. Students should wipe the laminated images clean and return the dry erase markers to the side counter. Please have your students return the bags of water/food coloring to the back tray. If any are leaking, please discard them and make a new bag for the next lab. All clay should be placed back on the side counter tray and the scalpels washed, dried, and put back in the container. Please be sure that students wipe the laminated terminology sheets clean so they are ready for the next lab.

**Very important clean-up reminder from our lab manager!**

Please remind students to put the labels back. These are handmade and take time and resources to remake.

**Student Assignments**

Please remind students that they need to complete the post-lab in their lab manual and take the terminology quiz on Canvas before coming to the next lab session.