Conclusion

1. What are the benefits of using universal terms and anatomical position to refer to location on the human body? How do they help identify all humans?

I believe that the benefits are that the body parts are easier to find and distinguish and has effective conveyage.

1. What does it mean if a doctor says he/she is about to dissect the distal end of the popliteal artery?

Cut the end of the artery going into the back of your knee at the far end of the artery.

1. Your friend assures you that anterior and posterior can always be used interchangeably with ventral and dorsal. Politely explain to him/her that this statement is not always true. (HINT: think about what these terms mean for four-legged animals)

Anterior means in the front of the body and ventral is pertaining to the front of the body side of the body. Posterior is situated toward the hind part of the body opposite of dorsal, and dorsal is situated near the back and front. Dorsal and ventral are located near the front or back part of the body where as Anterior and posterior are exactly there. For example a dog’s anterior would be its face. The posterior would be the tail. Dorsal would be the back and ventral would be the stomach of the dog relating to the dogs back.