

Laboratory Exercise 7

The muscular system: the axial musculature

Introduction

The goals for this laboratory are to study muscles of the head and neck, vertebral column, superficial trunk, and pelvic floor. You will study muscles that move limbs (appendicular musculature) next lab cycle.

You will be provided with a list of muscles – you should be able to identify these muscles in models and/or diagrams as well as their origins, insertions, and major actions.

Preparation/assignment:

1. Chapter 10, Human Anatomy, Martini

This chapter gives a thorough overview of the axial musculature. Read it prior to attending lab, paying especial attention to the various tables and figures that identify muscles, origins, insertions, actions.

2. List of structures – see web page (includes all structures for gross muscle anatomy, including those of appendicular skeleton)
4. Post lab assignment – due by next lab.

Submit to me by next lab session (also send a copy to yourself for your records in case there are submission problems) the axial skeleton electronic labeling quiz from the Martini companion site – go to the Martini companion site, select Chapter 10 (axial skeleton), Advanced review – complete the labeling exercise.