

## Lab 5 To Do List

### Lab Manual Exercise 7

#### Bone Markings – Table 7.1

Be familiar with all terms, but will not be tested directly (but are part of many names)

#### Activity 1 – Be able to classify any bone

Also know sesamoid bones

#### Activity 2: Long bone structure (beef bone)

Identify all structures illustrated in Fig. 7.2a

#### Activity 4: Microscopic structure of bone

Instead of ground bone, we have two sections through a long bone, one through a mature diaphysis and the other through developing bone (demo). Identify compact and spongy bone, trabeculae, marrow (red or yellow), periosteum, endosteum.

Examine both models and compare to Fig. 7.3

#### Activity 5: Ossification at epiphyseal plate

Identify zones shown in Fig. 7.4

Skip activity 3

### Lab Manual Exercise 8 – Axial Skeleton

#### Activities 1, 4, 5: Axillary Skeleton Bones and Markings

See List for bones, cartilages, and markings for which you are responsible

Activity 6: Fetal Skull – Identify fontanelles and ossification centers shown in Fig. 8.19

Skip activities 2 & 3

### Exercise 7 Questions

Draw bone cross section slides and epiphyseal plate

Answer Review Questions 3-7

### Exercise 8 Questions

Answer Review Questions 1-3, 5-8,11, 14-16, 19-23