Bio 348 Human Anatomy & Physiology

Human Radiographic (X-ray) Study Guide
Lapsansky 2008

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Identify the bone and type of fracture. What other features can you identify?

Acromioclavicular (AC) joint separation
How is this different than a shoulder dislocation?
Is this a male or female pelvis?

Identify the type of fracture and name the bones fractured.
Male or female pelvis? How has this joint been modified?

In the lateral view of the C-spine, identify the hyoid, epiglottis, vocal folds, and C1-C7.
Identify the fracture. Be specific.

Identify the components of the normal adult knee.
Identify the fracture, and other features in this anterior view of the skull.

Is this flexion or extension of the head? Identify the sella turcica. What is the approximate age of this subject?
Is this x-ray of a young or old individual? Justify your answer. Identify the bones of the lower leg.

Identify the type of fracture. Which bone has been fx? Is this a young or old individual?
Identify the type of fracture and the bone that is fractured in this medial view of the ankle. What other features can you identify?

Identify the bone that’s fractured in this oblique view. Be specific.
Tibial plateau fracture.

Identify the other features of the knee.

This is a common hip fracture. Which bone is fractured, what was the likely cause?
Is this a male or female pelvis? Where is the fracture?

Identify the fracture, naming the bone and type of fracture. (Hint: count vertebra beginning with L5)
Identify the fracture, shown post surgical fixation.

Normal hand with metallic FB. Why aren’t all the carpals visible?
Examine all 3 views to identify the location and type of fracture.

What is the process called by which these bones will be “set” during surgery?
Identify the normal components of the adult hand.

Boxer’s Fracture
Identify the components of the normal elbow in this posterior view.

The procedure to “set” this fractured bone is called...
Identify the features of the pectoral girdle.

Severe Scoliosis

Scoliosis of the thoracic spine (adolescent). Black pen marks represent physician's technique for measuring angle of thoracic curve. This much curve is usually treated with surgery.
Total knee replacement

Identify the features of the normal adult foot.
Is this a young or old individual? Identify the fracture.

Identify the type of fracture and the bone that is fractured. (Note: there is also likely a fx of the other lower leg bone near the knee.)
Identify the bone that is fractured.

What is the bone classification according to shape?