Outcome 7 – CT Imaging of the Extremities

Using your iPad, and the CT Anatomy app (by iCAT Solutions), review the following scans, and identify the anatomical structures listed below.

On each structure, tap the ••• symbol to enable "About Me" mode, and review the description of that anatomical structure.

Once you have gone through and completed the list once, enable to "Quiz Me" feature on the app to test your knowledge.

1. Shoulder – Axial
    a. Is this a left or right shoulder?
    b. Acromion
    c. Clavicle
    d. AC joint
    e. Supraspinatus muscle
    f. Coracoid process
    g. Acromion process
    h. Neck of scapula
    i. Humeral head
    j. Deltoid muscle
    k. Glenoid Fossa
    l. Great tubercle of humerus
    m. Lesser tubercle of humerus
    n. Glenoid process

2. Elbow – Axial
    a. Humerus
    b. Coronoid fossa
    c. Medial epicondyle
    d. Lateral epicondyle
    e. Capitulum
    f. Trochlea
    g. Olecranon process
    h. Olecranon fossa
    i. Radial Head
    j. Coronoid process
    k. Radial neck / tuberosity
    l. Radius

m. Ulna

3. Wrist
    a. Metacarpals 1 – 5
    b. Trapezium
    c. Trapezoid
    d. Hamate
    e. Hook of Hamate
    f. Triquetral
    g. Scaphoid
    h. Lunate
    i. Capitate
    j. Pisiform
    k. Ulnar styloid
    l. Radial styloid

4. Hip (Use Pelvis, and scroll to distal portion through the hip joint)
    a. Femoral Head
    b. Femoral Neck
    c. Pubis
    d. Ischium
    e. Greater Trochanter
    f. Lesser Trochanter
    g. BONUS! Differentiate femoral artery & vein

5. Knee
    a. Patella
    b. Patellofemoral joint
    c. Lateral femoral condyle
    d. Medial femoral condyle
    e. Tibial plateau
    f. Tibia
    g. Fibula

6. Ankle / Foot
    a. Tibia
    b. Fibula
    c. Medial & Lateral malleolus

d. Calcaneus
e. Talus
f. Subtalar joint
g. Talus
h. Navicular
i. Cuboid
j. Lateral, medial, intermediate cuneiform
k. Metatarsals 1-5