UPPER LIMB X-RAYS – QUESTIONS

U-1
A. ID feature and bone
B. ID feature and bone
C. ID feature and bone
D. ID feature and bone
E. ID feature (2 names) and bone
F. ID feature (2 names) and bone
G. ID feature and bone
H. ID feature and bone
I. ID feature and bone

U-5
This is a radiograph of a child's (~2 years old, but don't quote me - I'm not a radiologist) hand. Note the incomplete ossification and epiphyseal plates of the long bones of the hand.
→ Compare this X-Ray with U-6.

U-6
Radiograph of a child 10-11 years old. Compare ossification to the 2-year old in U-5.

A. ID X

U-2A
A. ID feature and bone
B. ID feature and bone
C. ID feature and bone
D. ID feature
E. ID feature and bone
F. ID feature and bone

U-2B – Child's elbow: note separate ossification centers for capitulum & medial epicondyle

A. ID feature

U-2C – Child's arm: compare to U-2A&B

U-3
A. ID feature and bone
B. ID feature and bone
C. ID bone
D. ID bone
E. ID bone
F. ID bone

U-4
A. ID bone
B. ID bone
C. ID bone
D. ID bone
E. ID bone
F. ID bone
G. ID bone
H. ID bone
I. ID bone
J. ID bone
K. ID bone
L. ID bone
M. Note sesamoid bones at the head of each metacarpal.

U-7
What bone has been fractured in this X-Ray?
A. ID bone
B. ID bone
C. ID bone
D. ID bone
E. ID bone
F. ID bone

U-8 Use this X-Ray to review all carpals and hand bones.

U-9 – Dislocated shoulder
Compare the position of the head of the humerus in this X-Ray to the normal position in X-Ray U-1.

U-10 – Why you don’t let 2-yr olds play with quarters!
➢ Note quarter lodged in esophagus. Fortunately, it passed to the stomach.
➢ Note incomplete ossification of shoulder, elbow, and carpals.
➢ How many carpals have begun ossification?
UPPER LIMB X-RAYS -- ANSWERS

**U-1**
A. sternal extremity of clavicle  
B. coracoid process of scapula  
C. acromion of scapula  
D. glenoid cavity of scapula  
E. lateral (axillary) border of scapula  
F. medial (vertebral) border of scapula  
G. head of humerus  
H. body (shaft) of humerus  
I. conoid tubercle of clavicle

**U-2A**
A. lateral epicondyle of humerus  
B. medial epicondyle of humerus  
C. olecranon fossa of humerus  
D. radial tuberosity  
E. capitulum of humerus  
F. coronoid process of ulna

**U-2B**
A. olecranon (not fully ossified)

**U-3**
A. styloid process of radius  
B. styloid process of ulna  
C. scaphoid  
D. lunate  
E. capitate  
F. proximal phalanx I

**U-4**
A. scaphoid  
B. lunate  
C. triquetrum  
D. pisiform  
E. trapezium  
F. trapezoid  
G. capitate  
H. hamate  
I. middle phalanx V  
J. metacarpal III  
K. proximal phalanx II  
L. distal phalanx I

**U-6**
A. epiphyseal plate of proximal phalanx I

**U-7**
Clavicle

**U-10**
Three