

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-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-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-7

What bone has been fractured in this X-Ray?

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