

Cross Sectional Anatomy: Upper Limb

- Section 1:**
- a. cephalic vein
 - b. deltoid
 - c. humerus
 - d. lateral head of triceps brachii
 - e. long head of triceps brachii
 - f. medial head of triceps brachii
 - g. basilic vein
 - h. coracobrachialis
 - i. musculocutaneous nerve
 - j. biceps brachii

- Section 2:**
- a. brachialis
 - b. radial nerve
 - c. brachial artery
 - d. ulnar nerve
 - e. median nerve

- Section 3:**
- a. brachioradialis
 - b. radial nerve
 - c. lateral supracondylar ridge
 - d. ulnar nerve
 - e. median nerve

- Section 4:**
- a. extensor carpi radialis longus
 - b. extensor carpi radialis brevis
 - c. capitulum
 - d. anconeus
 - e. olecranon process of ulna
 - f. tendon of the triceps muscle
 - g. trochlea
 - h. pronator teres (humeral head)
 - i. flexor carpi radialis
 - j. brachialis
 - k. bicipital aponeurosis of biceps brachii
 - l. tendon of biceps brachii
 - m. brachioradialis

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- Section 5:**
- a. radial artery
 - b. cephalic vein
 - c. radius
 - d. ulna
 - e. brachialis
 - f. tendon of biceps brachii
 - g. basilic vein

- Section 6:**
- a. superficial branch of radial nerve
 - b. brachioradialis
 - c. extensor carpi radialis longus
 - d. extensor carpi radialis brevis
 - e. extensor digitorum
 - f. supinator
 - g. extensor digiti minimi
 - h. extensor carpi ulnaris
 - i. anconeus
 - j. flexor digitorum profundus
 - k. flexor carpi ulnaris
 - l. ulnar nerve
 - m. common interosseous artery
 - n. flexor digitorum superficialis
 - o. median nerve
 - p. flexor carpi radialis
 - q. pronator teres

- Section 7:**
- a. brachioradialis
 - b. extensor carpi radialis longus tendon
 - c. extensor carpi radialis brevis muscle and tendon
 - d. deep branch of radial nerve
 - e. extensor digitorum
 - f. abductor pollicis longus
 - g. extensor digiti minimi
 - h. extensor pollicis longus
 - i. extensor carpi ulnaris
 - j. flexor digitorum profundus
 - k. flexor carpi ulnaris
 - l. ulnar nerve
 - m. interosseous membrane

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- n. palmaris longus tendon
- o. flexor digitorum superficialis
- p. median nerve
- q. flexor pollicis longus

- Section 8:**
- a. flexor carpi radialis
 - b. radial artery
 - c. brachioradialis tendon
 - d. abductor pollicis longus tendon
 - e. extensor carpi radialis brevis tendon
 - f. extensor carpi radialis longus tendon
 - g. extensor pollicis brevis muscle and tendon
 - h. extensor digitorum tendons (digits 2-5)
 - i. extensor pollicis longus
 - j. extensor indicis muscle and tendon
 - k. dorsal branch of ulnar nerve
 - l. flexor carpi ulnaris muscle and tendon
 - m. ulnar nerve and artery
 - n. flexor digitorum profundus muscle and tendon
 - o. palmaris longus tendon
 - p. flexor digitorum superficialis muscle and tendon
 - q. pronator quadratus

- Section 9:**
- a. trapezium
 - b. 1st metacarpal bone
 - c. trapezoid
 - d. scaphoid
 - e. lunate
 - f. extensor tendons of posterior forearm
 - g. triquetrum
 - h. hypothenar compartment muscles
 - i. flexor tendons of anterior forearm
 - j. capitate
 - k. thenar compartment muscles

- Section 10:**
- a. abductor digiti minimi
 - b. tendons of flexor digitorum superficialis and profundus
 - c. palmar aponeurosis and digital branch of median nerve
 - d. tendon of flexor pollicis longus and radial bursa
 - e. flexor pollicis brevis

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- f. abductor pollicis brevis
- g. tendon of extensor pollicis longus and first metacarpal
- h. princeps pollicis artery
- i. first dorsal interosseous
- j. adductor pollicis
- k. lumbrical and tendon of flexor digitorum profundus
- l. tendons of extensor digitorum
- m. tendons of extensor digitorum
- n. third palmar interosseous and fifth metacarpal

- Section 11:**
- a. tendons of flexor digitorum superficialis and profundus
 - b. third and fourth lumbricals
 - c. common palmar digital artery
 - d. tendon of flexor digitorum superficialis
 - e. tendon of flexor digitorum profundus
 - f. second dorsal interosseous and first palmar interosseous
 - g. second palmar interosseous muscle

- Section 12:**
- a. proper palmar digital nerve and artery.
 - b. tendon of flexor digitorum profundus
 - c. tendon of extensor digitorum