THE UPPER LIMB

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A. Arteries

- Subscapular artery
- Axillary artery
- Circumflex scapular artery
- Thoracodorsal artery
- Subscapular artery
- Deep brachial artery
- Brachial artery

B. Angiogram

- Subscapular artery
- Circumflex scapular artery
- Thoracodorsal artery
- Deep brachial artery
- Brachial artery

A. Anterior view

- Pectoralis major muscle
- Deep to pectoralis
- Aneurysm
- Aneurysm
- External abdominal oblique muscle
- Ribs
- Lungs

B. Sagittal section

- Pectoralis major muscle
- Pectoralis
- 2nd rib
- Intercostal muscles and nerves
- Intercostal muscles
- Pectoralis minor muscle
- Lactiferous ducts
- Lactiferous sinus
- Fat (superficial fascia)
- Lungs
- Ribs
- Aneurysm
Brachial Plexus Schema
### Plate 2-31

**Skeleton and Muscle Attachments of the Hand, Anterior View**

**A. Bones**
- Scaphoid
- Lunate
- Triquetrum
- Pisiform
- Trapezium
- Capitate
- Hamate
- Hook of hamate
- Base
- Shaft
- Head
- Metacarpals (5)
- Proximal phalanges (5)
- Middle phalanges (4)
- Distal phalanges (5)
- Sesamoid bone

**B. Muscle Attachments**
- Abductor pollicis brevis muscle
- Opponens pollicis muscle
- Abductor pollicis longus muscle
- Flexor pollicis longus muscle
- Flexor carpi radialis muscle
- Flexor digitorum profundus muscle
- Flexor digitorum superficialis muscle
- Palmar interosseous muscles
- Dorsal interosseous muscles
- Extensor carpi ulnaris muscle
- Extensor carpi radialis longus muscle
- Extensor carpi radialis brevis muscle
- Extensor digitorum muscle
- Extensor indicis muscle

### Plate 2-32

**Skeleton and Muscle Attachments of the Hand, Posterior View**

**A. Bones**
- Triquetrum
- Lunate
- Capitate
- Trapezium
- Hamate
- Hook of hamate
- Base
- Shaft
- Head
- Metacarpals (5)
- Proximal phalanges (5)
- Middle phalanges (4)
- Distal phalanges (5)
- Sesamoid bone

**B. Muscle Attachments**
- Abductor pollicis longus muscle
- Extensor pollicis longus muscle
- Abductor pollicis brevis muscle
- Extensor pollicis brevis muscle
- Extensor indicis muscle
- Extensor digitorum muscle (central bands)
- Extensor digitorum muscle (lateral bands)
PLATE 2-37
Arteries of the Hand, Anterior View

PLATE 2-38
Nerves of the Hand

A. Anterior view
- Ulnar nerve
- Median nerve
- Recurrent branch of median nerve
- Common palmar digital nerves from median nerve
- Proper palmar digital nerves from ulnar nerve
- Proper palmar digital nerves from deep branch

B. Lateral view
- Dorsal branches of proper palmar digital nerves to skin over dorsum
  of middle and distal phalanges
A. Anterior view

- Suprascapular nerves
  (from cervical plexus)
- Superior lateral brachial cutaneous nerve
  (from axillary nerve)
- Medial brachial cutaneous nerve
  (from medial cord and intercostobrachial nerve)
- Medial antebrachial cutaneous nerve
  (from medial cord)
- Lateral antebrachial cutaneous nerve
  (from musculocutaneous nerve)
- Superficial branch of radial nerve
- Palmar branch of median nerve
- Palmar digital branches of median nerve

B. Posterior view

- Medial antebrachial cutaneous nerve
  (from medial cord)
- Superior lateral brachial cutaneous nerve
  (from axillary nerve)
- Posterior antebrachial cutaneous nerve
  (from radial nerve)
- Interterial brachial cutaneous nerve
  (from radial nerve)
- Posterior antebrachial cutaneous nerve
  (from radial nerve)
- Lateral antebrachial cutaneous nerve
  (from musculocutaneous nerve)
- Superficial branch of radial nerve
- Palmar digital branches of ulnar nerve
- Palmar digital branches of median nerve
PLATE 2-53
Lymphatics of the Upper Limb

- Posterior minor muscle (ghosted)
- Posterior major muscle (ghosted)
- Axillary vein
- Brachial veins
- Cephalic vein
- Basilic vein
- Median cubital vein

Axillary nodes:
- Apical
- Central
- Lateral (humeral)
- Anterior (pectoral)
- Posterior (subscapular)