

Table of Contents

RADIOCARPAL JOINT 3

RADIOCARPAL JOINT

- Wrist
 - Type
 - Radiocarpal joint
 - Ellipsoid variety (synovial)
 - Articular surfaces
 - Upper
 - Inferior surface of lower end of **radius**
 - Articular disc of inferior radioulnar joint
 - Lower
 - Scaphoid
 - Lunate
 - Triquetral
 - Ligaments
 - Articular capsule
 - Attachment
 - Above to lower ends of **radius** and **ulna**
 - Below to proximal row of carpal bones
 - Recessus sacciformis
 - Lies in front of styloid process of **ulna**
 - In front of articular disc
 - Palmar radiocarpal ligament
 - Broad band
 - Palmar ulnocarpal ligament
 - Begins above base of styloid process of **ulna**
 - And anterior margin of articular disc
 - Dorsal radiocarpal ligament
 - Begins above posterior margin of lower end of **radius**
 - Attached below to
 - Dorsal surfaces of scaphoid , lunate and triquetral
 - Radial collateral ligament
 - Extent
 - Tip of styloid process of **radius** to lateral side of scaphoid bone
 - Ulnar collateral ligament
 - Extent
 - Tip of styloid process to triquetral and pisiform bones
 - Blood supply
 - Anterior and posterior carpal arches
 - **Nerve** supply
 - Anterior and posterior interosseous nerves
 - Relations
 - Anterior - long flexor tendons of and median **nerve**
 - Posterior - extensor tendons of wrist , and fingers with their synovial sheaths
 - Lateral - radial artery
 - MOVEMENTS
 - Flexion
 - Flexor carpi ulnaris , flexor carpi radialis , palmaris longus
 - Extension

- Extensor carpi radialis longus and brevis , extensor carpi ulnaris ,
- Abduction (radial deviation)
 - Flexor carpi radialis , extensor carpi radialis brevis and longus
- Adduction (ulnar deviation)
 - Flexor and extensor carpi ulnaris
- Circumduction

Type	Synovial ellipsoid joint;
Articular surfaces	Proximal component - distal end of radius , articular disc
	Distal component - scaphoid, lunate and triquetral of the proximal row of carpal bones (also includes triangular fibrocartilage complex)
Ligaments	Palmar radiocarpal joint, dorsal radiocarpal ligament, ulnar collateral ligament, radial collateral ligament
Innervation	Anterior interosseous nerve arising from median nerve (C5-T1)
	Posterior interosseous nerve arising from radial nerve (C7-C8)
	Deep and dorsal branches of the ulnar nerve (C8-T1)
Blood supply	Branches of the dorsal and palmar carpal arches
Movements	Flexion, extension, adduction and abduction

From:

<https://mail.mantrakshar.co.in/> - **Kshtrgyn**

Permanent link:

https://mail.mantrakshar.co.in/doku.php/en/wrist_joint?rev=1687344784Last update: **2023/06/21 10:53**