

Joints of the hand

Articulationes manus include the following joints:

Articulatio radiocarpalis

- articulating surfaces: facies articularis carpalis radii, proximal row of ossa carpi (os scaphoideum , os lunatum , os triquetrum), discus articularis
- the radius directly articulates with the ossa carpi
- between the ulna and the ossa carpi is the discus articularis
- meniscoid process

Articulatio mediocarpalis

- articulating surfaces: os scaphoideum, os lunatum, os triquetrum form a socket for os capitatum , os hamatum ; os trapezium , os trapezoideum form a socket for the distal part of the os scaphoideum
- the shape of a recumbent S

Articulatio ossis pisiformis

- stiff joint
- articulating surfaces: os pisiforme , os triquetrum
- the flexor carpi ulnaris tendon emerges from the os pisiforme
- the flexor carpi ulnaris tendon is divided into 2 ligaments

1. **leaque pisohamatum** (to hamulus ossis hamati)
2. **leaque pisometacarpale** (to the base of the 4th + 5th metacarpals)

Articulationes intercarpales

- joints with little mobility between the carpal bones of one row
- *ligamenta intercarpalia interossea*

Articulationes carpometacarpales

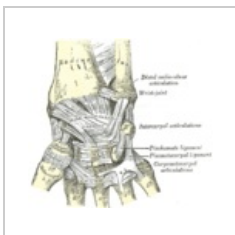
- articulating surfaces: distal row of carpal bones, base of metacarpal bones

Art. carpometacarpalis pollicis

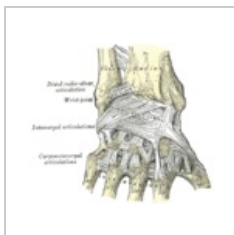
- saddle joint
- articulating surfaces: basis ossis metacarpi I, os trapezium
- movements: palmar flexion, dorsiflexion, abduction, adduction, rotation, opposition, reposition

Articulationes intermetacarpales

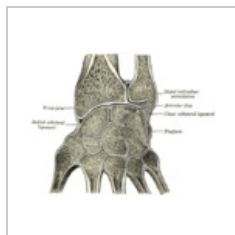
- connection 2.-5. metacarpus
- *interosseous metacarpal ligaments*



Ligaments of the wrist from the front.



Posterior wrist ligaments.



An incision guided by the joints of the wrist .

Links

Related Articles

- Joints of the upper limb
- Articulatio humeri
- Articulatio cubiti
- Joints

References

CIHÁK, Radomír. *Anatomy 1st* 2nd ed. Prague: Grada, 2001. 516 pp. ISBN 978-80-7169-970-5.