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Injuries to the Arm, Wrist, and Hand (Part 2)

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| **Across**  **2.** Herniation of the synovium surrounding a tendon and subsequent filling of the area with synovial fluid, resulting in a visible bump seen through the skin.  **9.** The joint formed by the articulation between the proximal and intermediate phalanges of the digits (hinge type joint)  **12.** Buttonhole deformity whereby the proximal interphalangeal joint of the finger is forced through the central band of the tendon of the extensor digitorum muscle.  **14.** Anatomic region of the wrist where the median nerve and the majority fo the tendons of the forearm pass into the hand.  **15.** Deformity of the distal interphalangeal joint of the finger caused by an avulsion of the tendon of the extensor digitorum muscle from the distal phalanx. | **Down**  **1.** An injury resulting in both the fracture of a bone and dislocation at the joint.  **3.** The joint formed by the articulation between the intermediate and distal phalanges of the digits (hinge type joint).  **4.** Anatomic name for the bones of both the fingers and/or toes.  **5.** A complex of symptoms resulting from pressure on the median nerve as it passes through the carpal tunnel of the wrist, causing soreness and numbness.  **6.** Sprain of the ulnar collateral ligament of the metacarpophalangeal joint of the thumb.  **7.** Fracture of the proximal fourth and/or fifth metacarpal bones.  **8.** Fracture and/or dislocation of the first metacarpal bone away from the greater multangular bone of the wrist.  **10.** Inflammation of the sheath of a tendon.  **11.** Inflammation of sheaths surrounding the extensor tendons of the thumb.  **13.** Anatomic region formed by the hook of the hamate bone and the pisiform bone, whereby the ulnar nerve passes into the hand. |

   carpal tunnel       carpal tunnel syndrome       tunnel of Guyon       tenosynovitis       de Quervain's disease       ganglion       phalanges       Bennett's fracture       fracture-dislocation       boxer's fracture       gamekeeper's thumb       mallet finger       distal interphalangeal joint       boutonniere deformity       proximal interphalangeal joint.