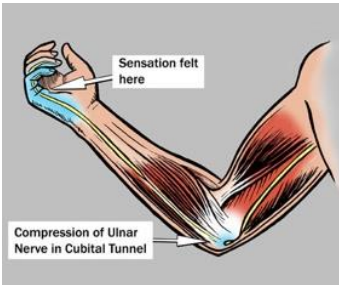


Hand Disorders

Nerve Compression Syndromes:

Carpal tunnel syndrome: a numbness and tingling in the hand and arm caused by a pinched nerve in the wrist



Cubital tunnel syndrome: a condition that involves pressure or stretching of the ulnar nerve ("funny bone" nerve), which can cause numbness or tingling in the ring and small fingers, pain in the forearm, and/or weakness in the hand

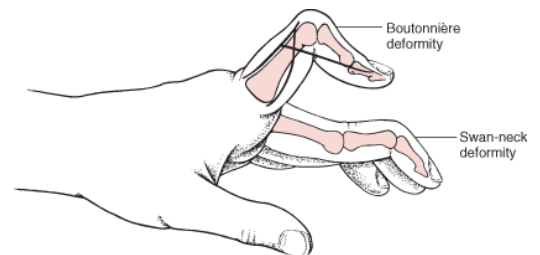
Radial tunnel syndrome: a condition that occurs when the radial nerve that runs beside the bones and muscle of the forearm and elbow become compressed causing weakness in the forearm and wrist



Hand and finger deformities:

Swan-neck deformity: a bending in (flexion) of the base of the finger, a straightening out (extension) of the middle joint, and a bending in (flexion) of the outermost joint, most commonly caused by rheumatoid arthritis

Boutonniere deformity: a deformity in which the middle finger joint is bent in a fixed position inward (toward the palm) and the outermost finger joint is bent excessively outward (away from the palm), most often a result from rheumatoid arthritis or injury



Dupuytren contracture: a progressive tightening of the bands of fibrous tissue (called fascia) inside the palms, causing a curling in of the fingers that eventually can result in a claw like hand, it is a common hereditary disorder found mostly in men after the age of 45

Osteoarthritis: the most common form of arthritis, causing swelling, pain, and reduced motion in the joints. Osteoarthritis breaks down the cartilage in the joints causing bones to rub together and damage the joints.

