

Core Surgical Anatomy – Learning outcomes

Upper Limb 2- elbow joint, forearm wrist, hand

Describe the anatomy of the elbow joint. Demonstrate the movements of flexion and extension. Identify the muscles responsible for these movements. Name the main attachments and nerve supply of these muscles.

Describe the anatomy of the wrist. Describe and demonstrate movements at the wrist joints and name and identify the muscle groups responsible for the movements. Describe the relative positions of the tendons, vessels and nerves in the region of the wrist in relation to injuries.

Name and demonstrate the movements of the fingers and thumb. Describe the position, function and nerve supply of the muscles and tendons involved in these movements, differentiating between those in the forearm and those intrinsic to the hand.

Describe the main types of grip (power, precision and hook) and the role of the muscles and nerves involved in executing them.

Describe the position and function of the retinacula of the wrist and the tendon sheaths of the wrist and hand in order to explain carpal tunnel syndrome and the spread of infection in tendon sheaths.