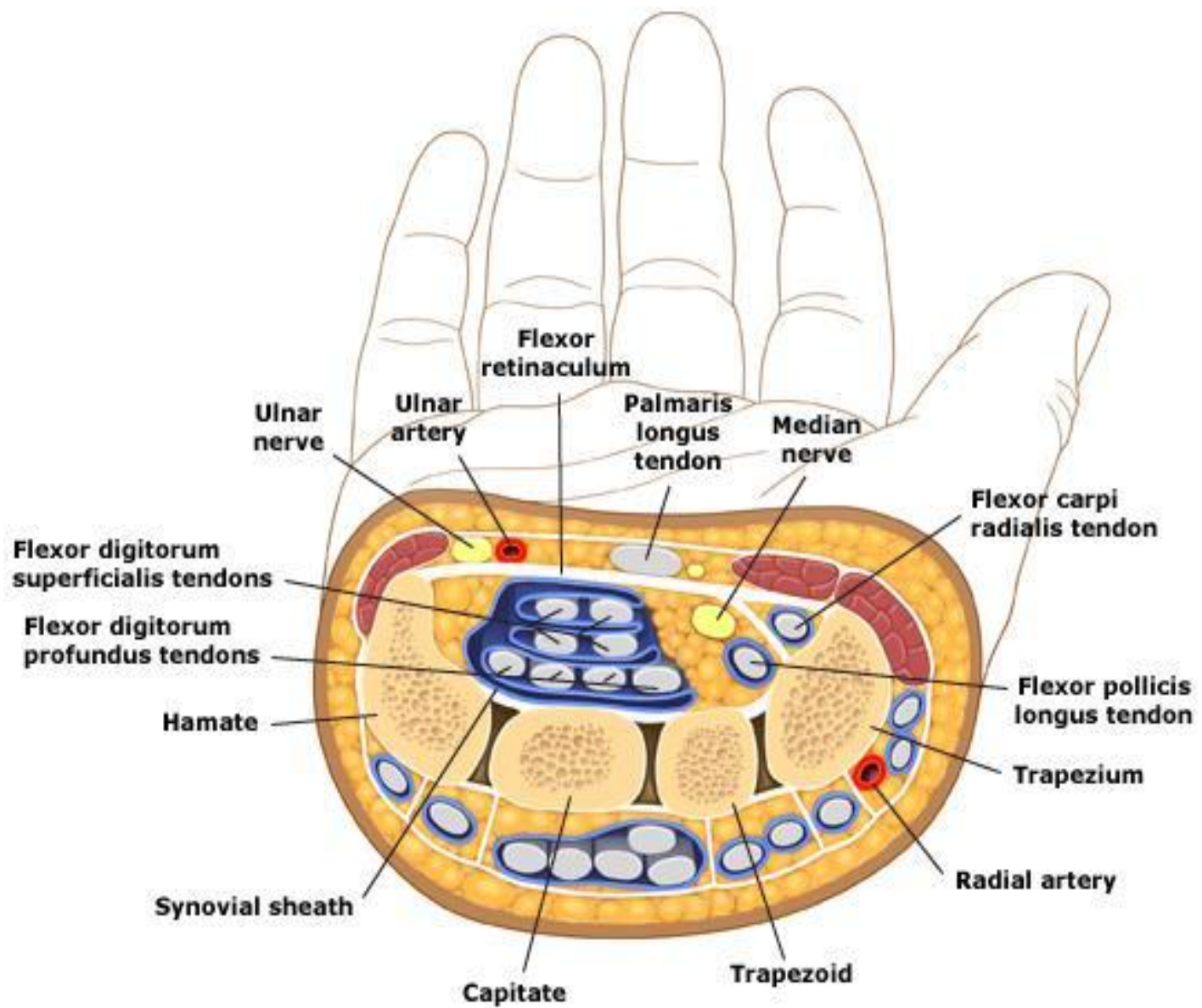


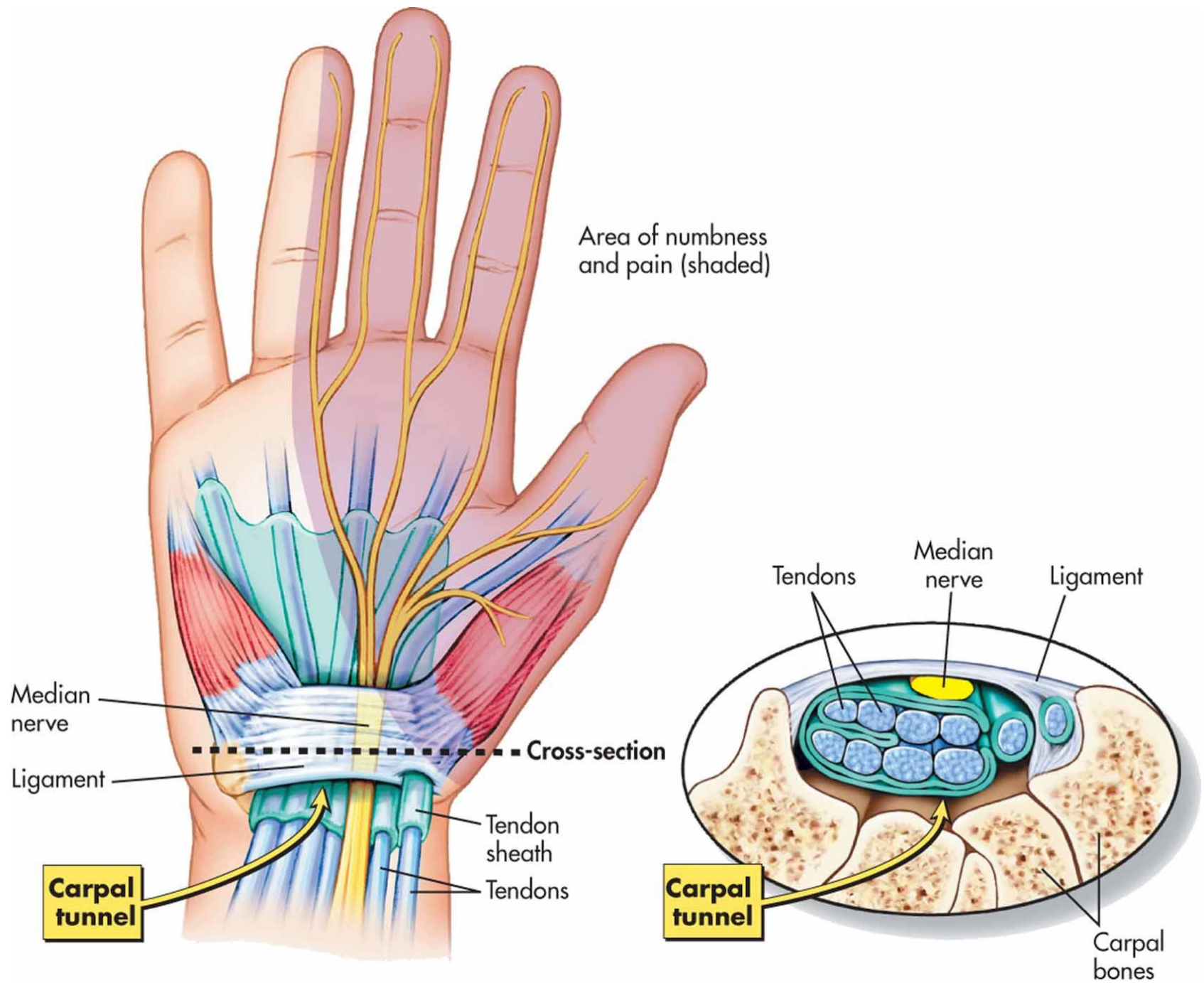
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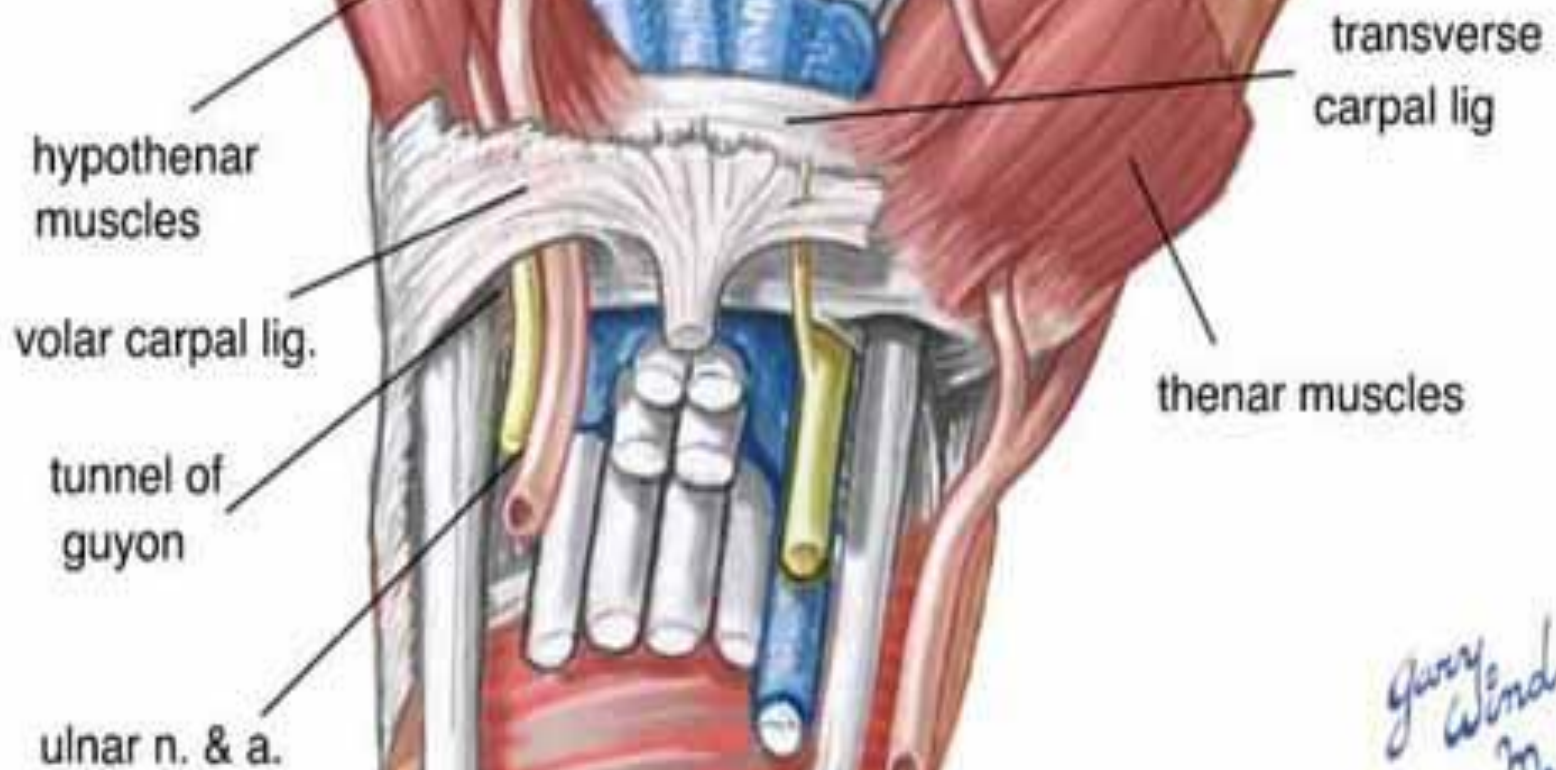
السلام عليكم ورحمة الله وبركاته

anatomy lec 5

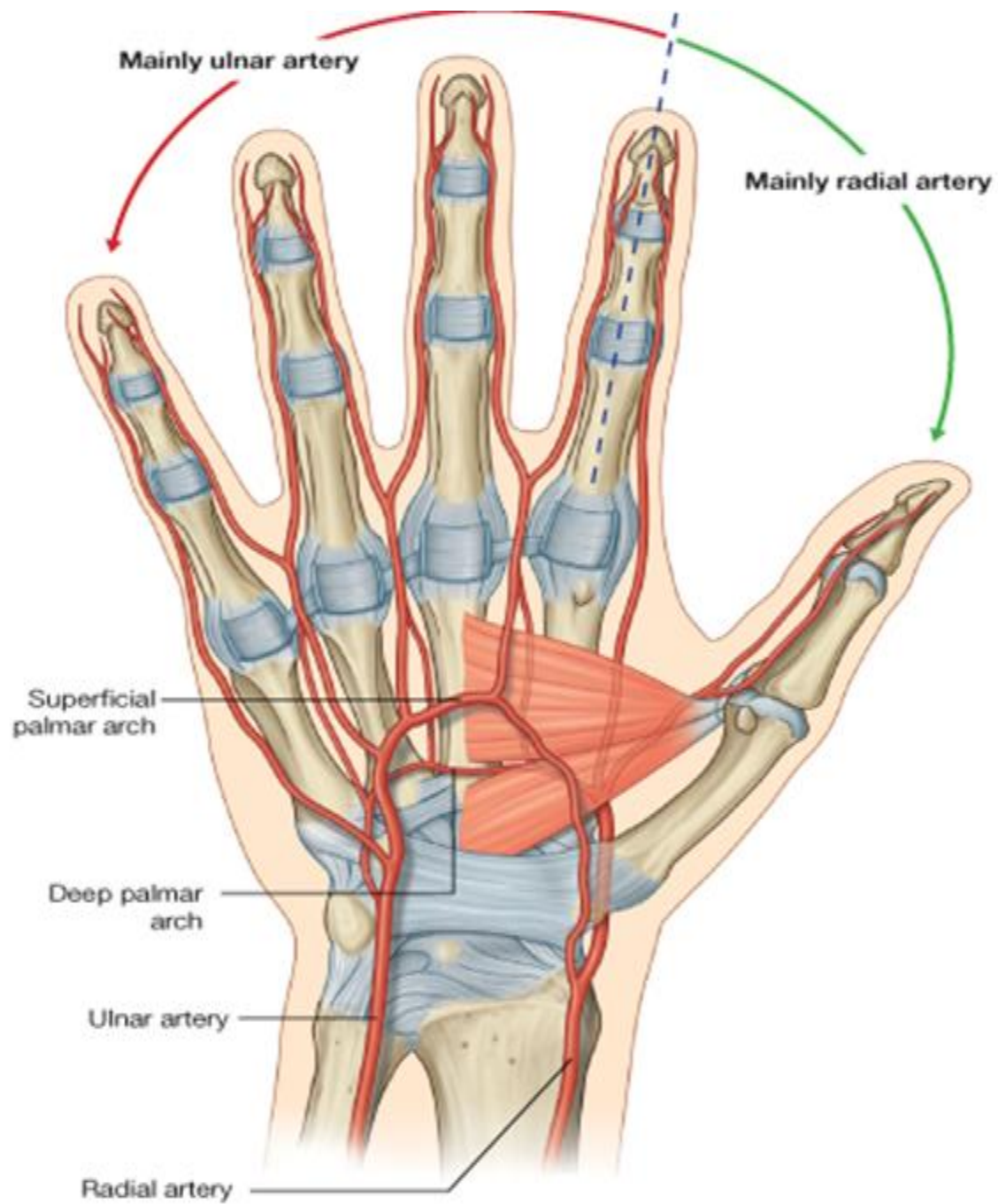
اعداد : د. مثنى الطائي







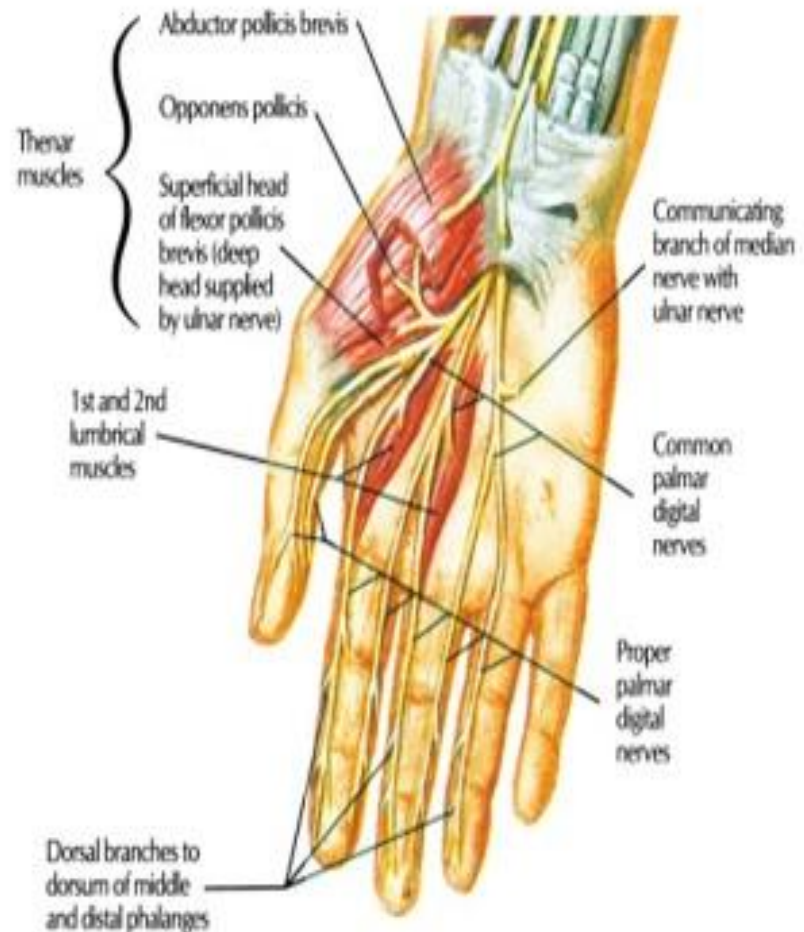
*Gary Wind
MD*

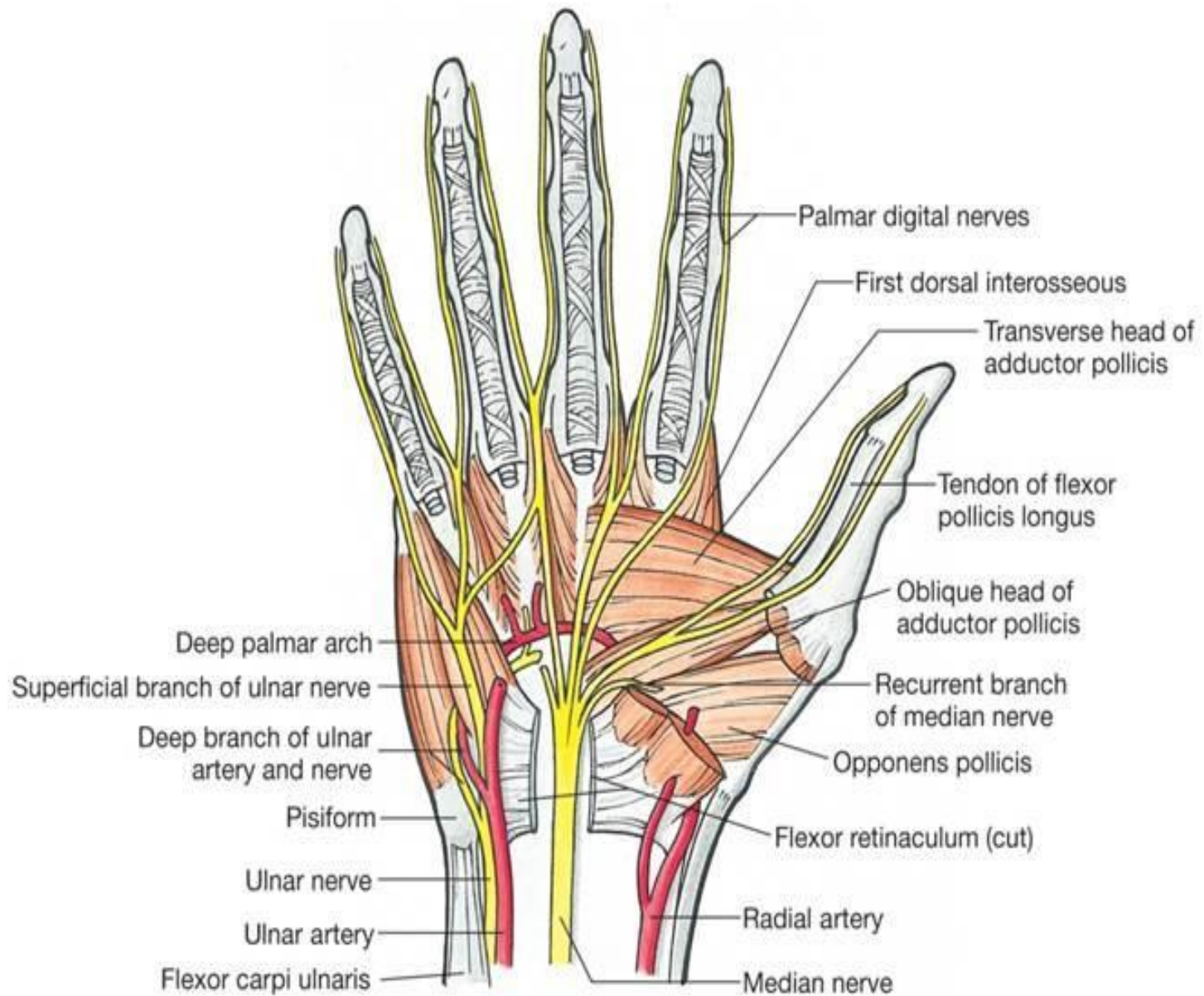


THE THENAR GROUP

The Thenar group consists of:

- The Abductor pollicis brevis
- Flexor pollicis brevis
- Opponens pollicis
- Adductor pollicis muscles





Anterior view

**hypothenar
eminence**

**abductor
digiti minimi**

**flexor digiti
minimi brevis**

**opponens
digiti minimi**

palmaris brevis

**palmar
aponeurosis**

**palmaris longus
tendon**

INTEROSSEI MUSCLES

Interosseous Muscles

They are located between the metacarpal bones

Arranged in 2 layers: 4 Palmar and 4 Dorsal

Located between bones

1. Dorsal interossei 1 to 4

Origin: Adjacent sides of 2 metacarpal bones

Insertion: Extensor expansion's and bases of proximal phalanges of digit 2 to 4

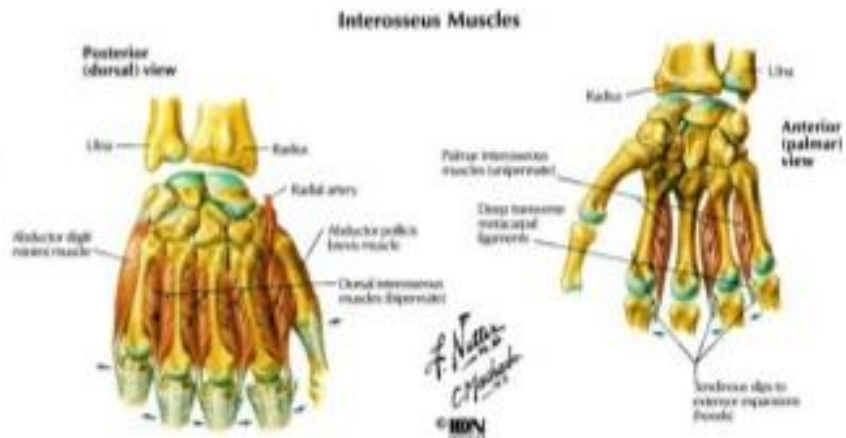
Action: Abducts digits and assist lumbricals

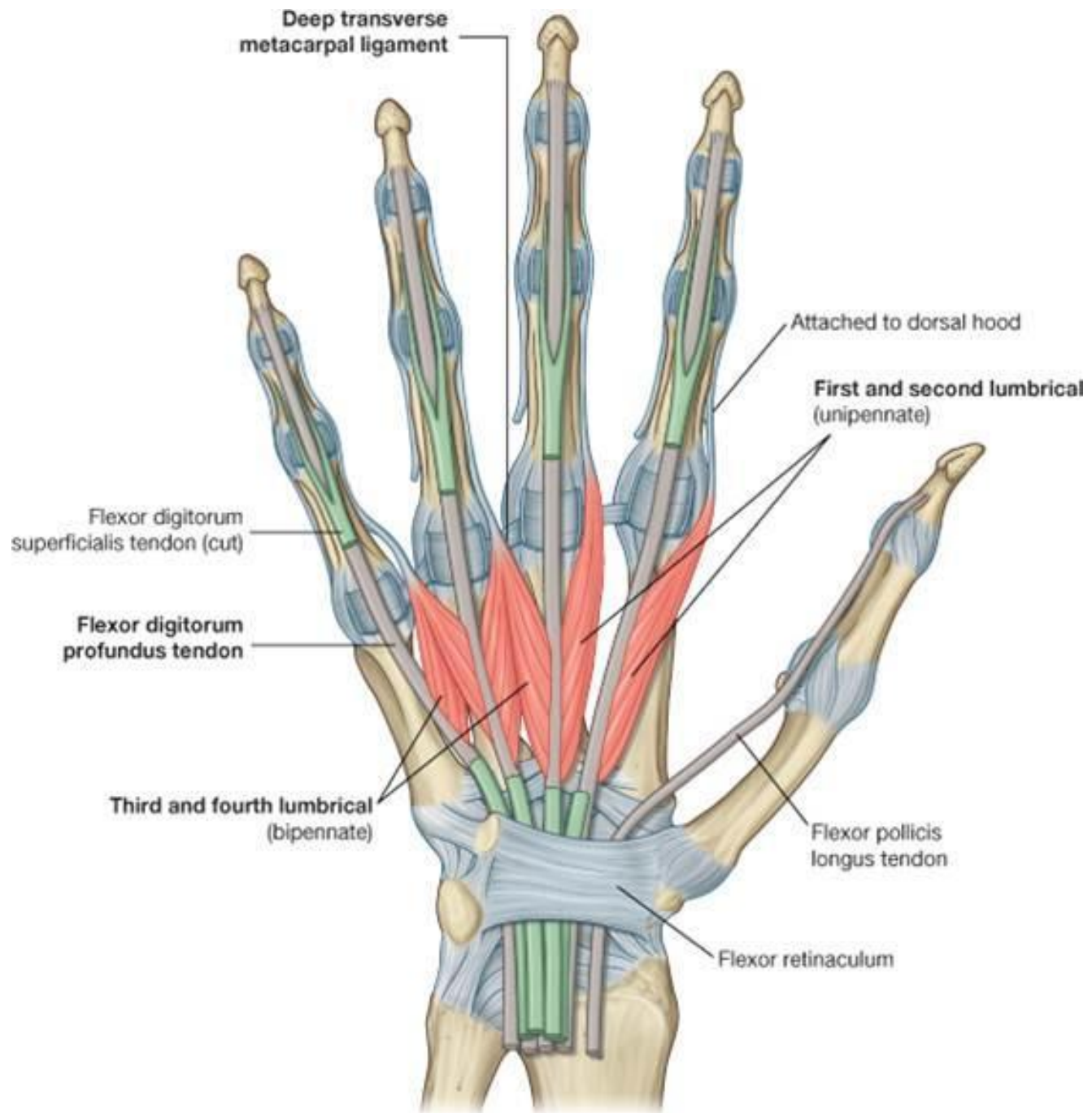
2. Palmar interossei 1 to 4

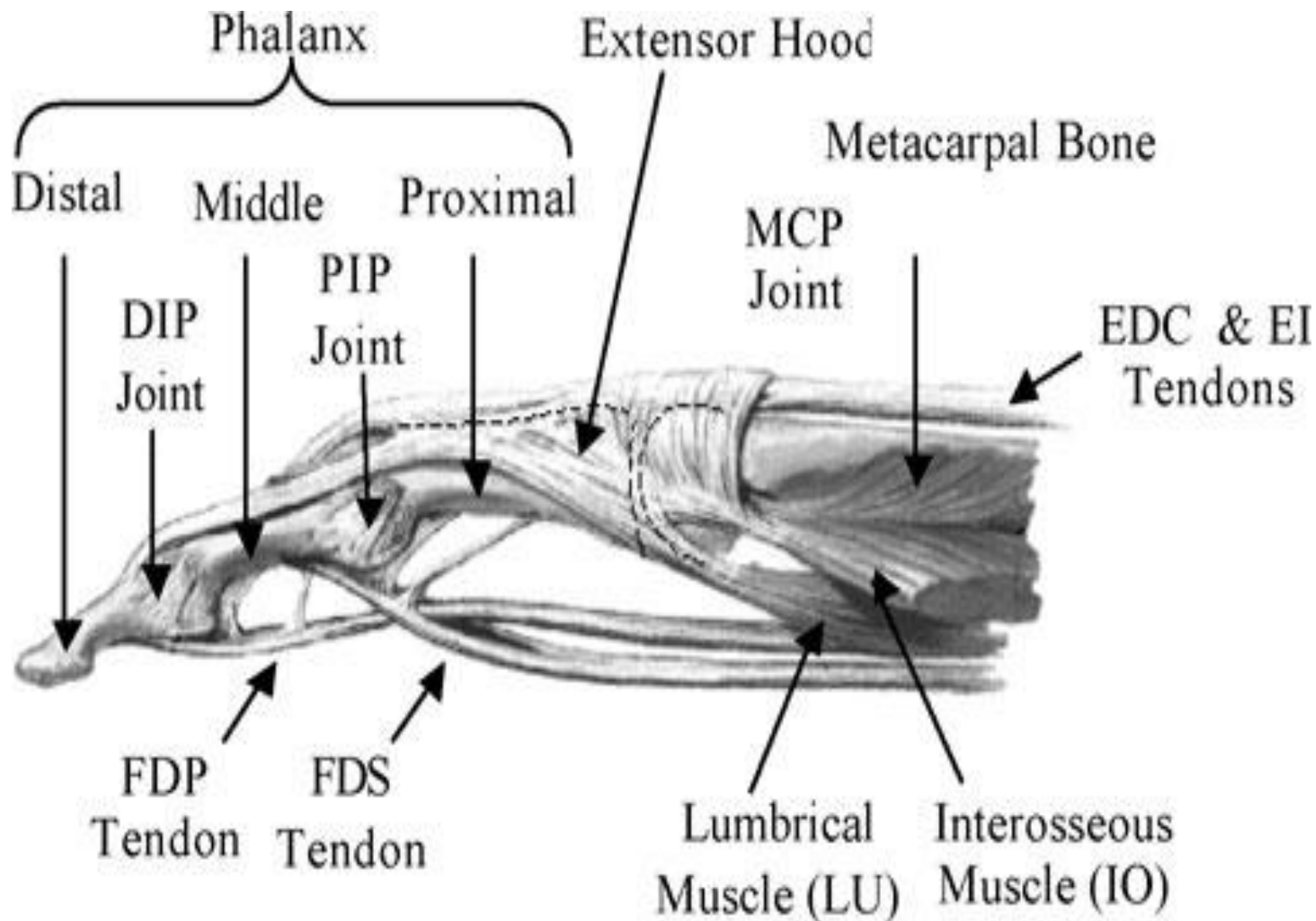
Origin: Palmar surfaces of 2nd, 3rd, 4th and 5th metacarpal bones

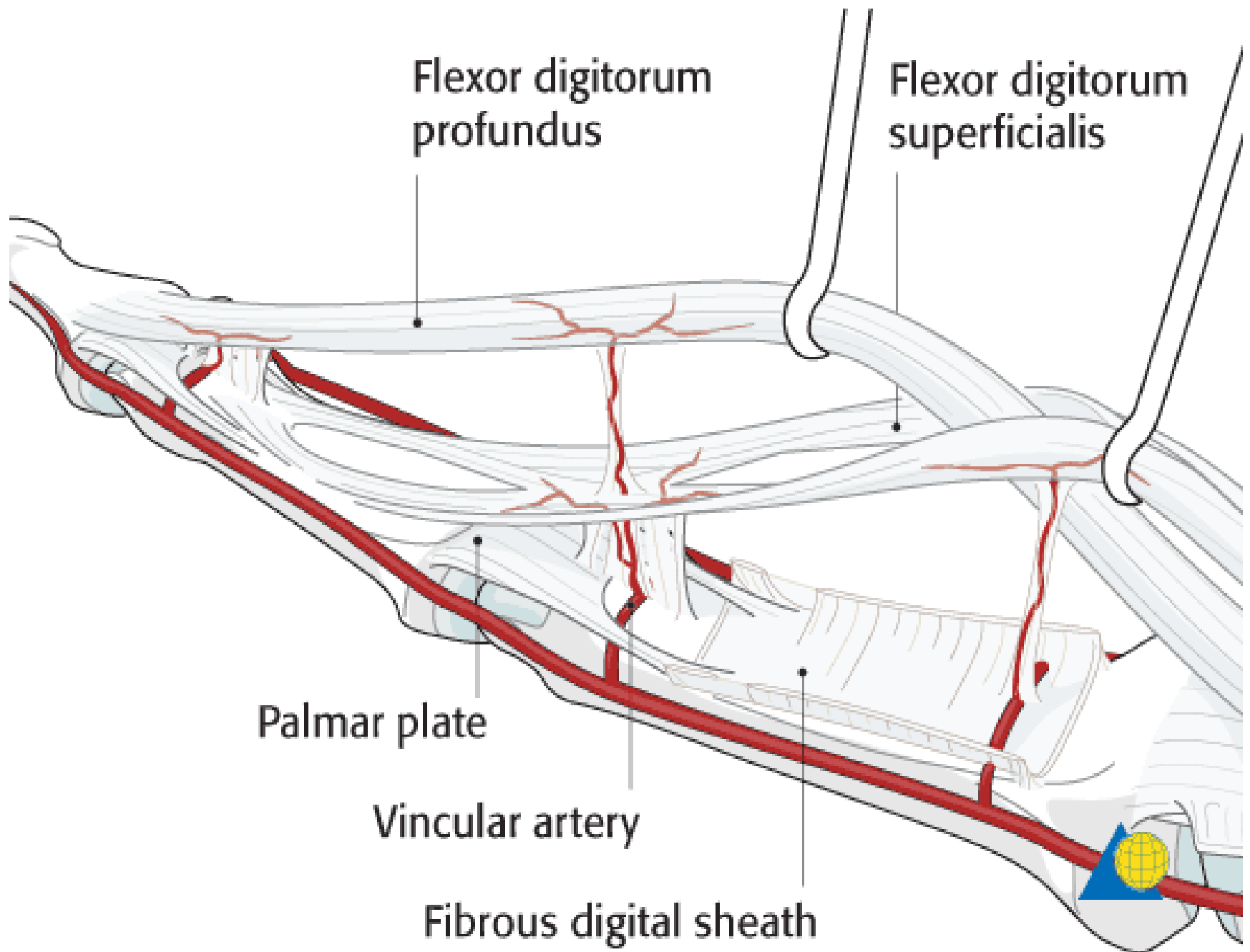
Insertion: Extensor expansion of digits and bases of proximal phalanges of digits 2, 4, and 5

Action: Adducts digits and assist lumbricals

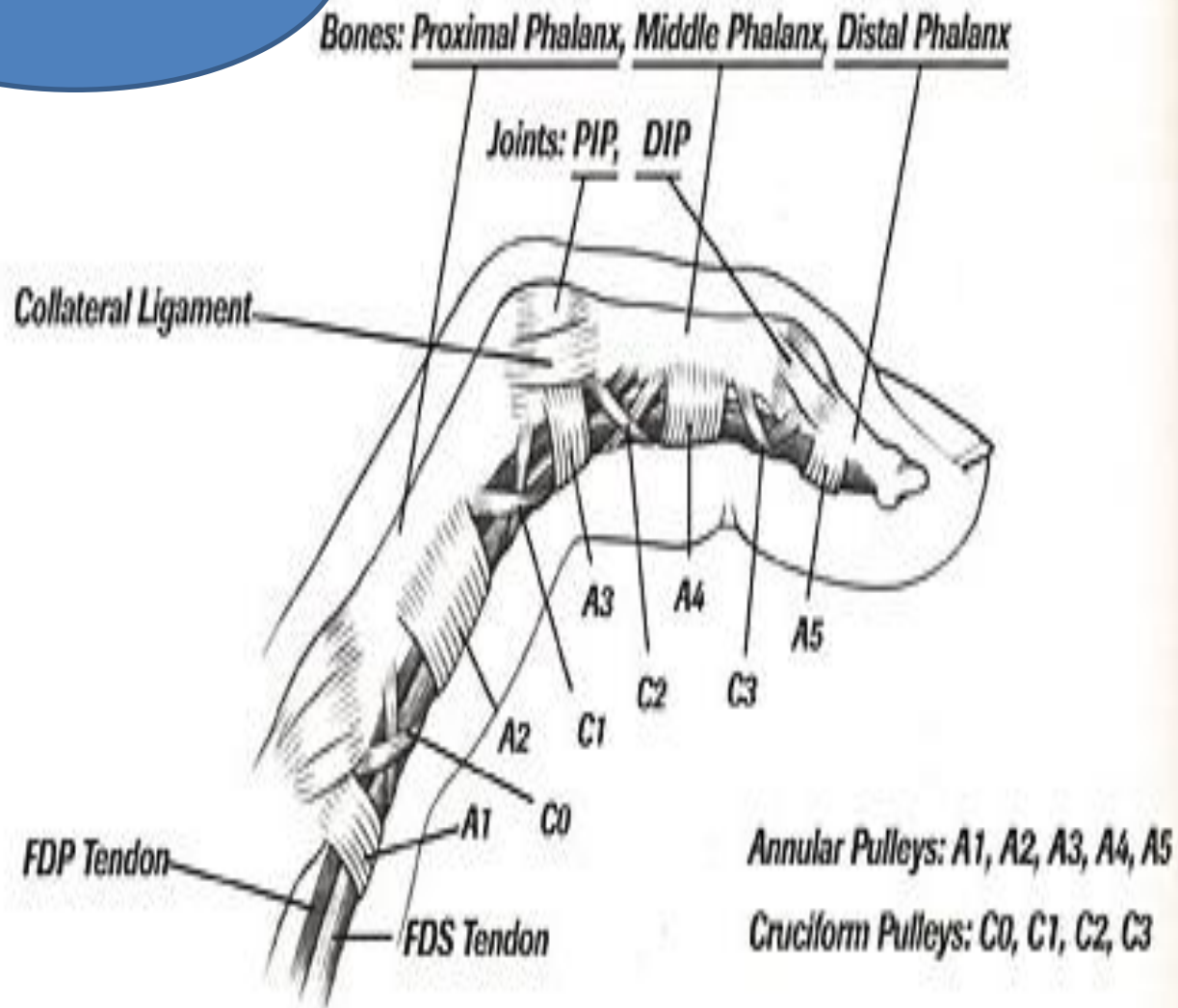




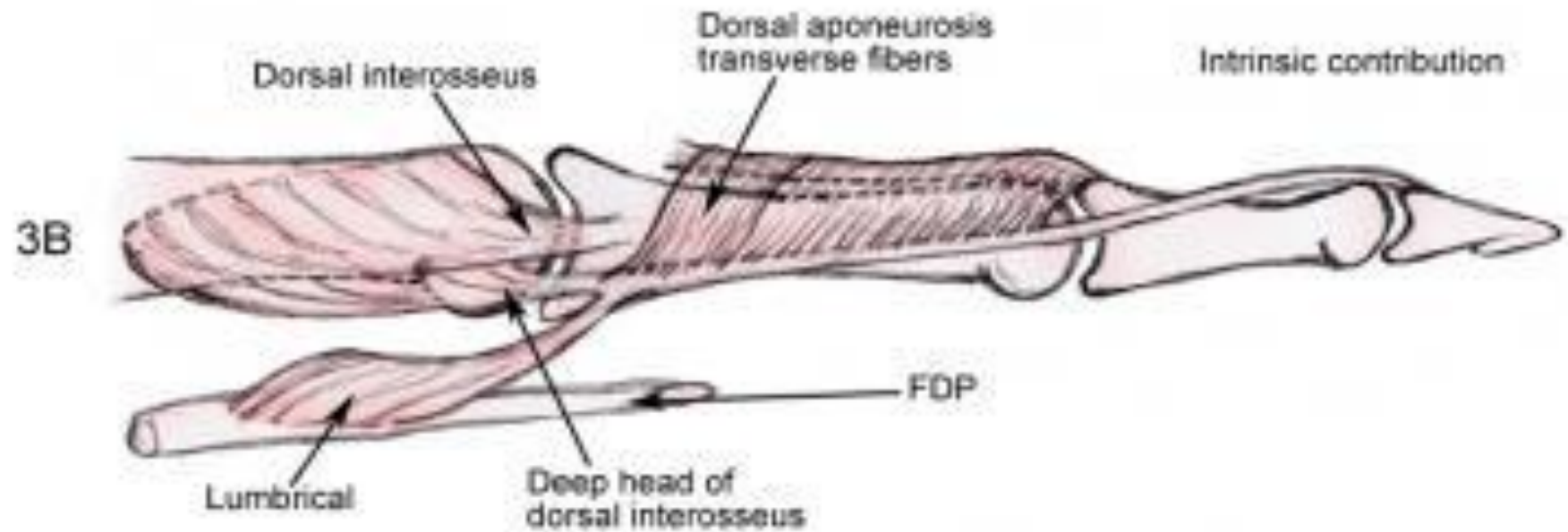
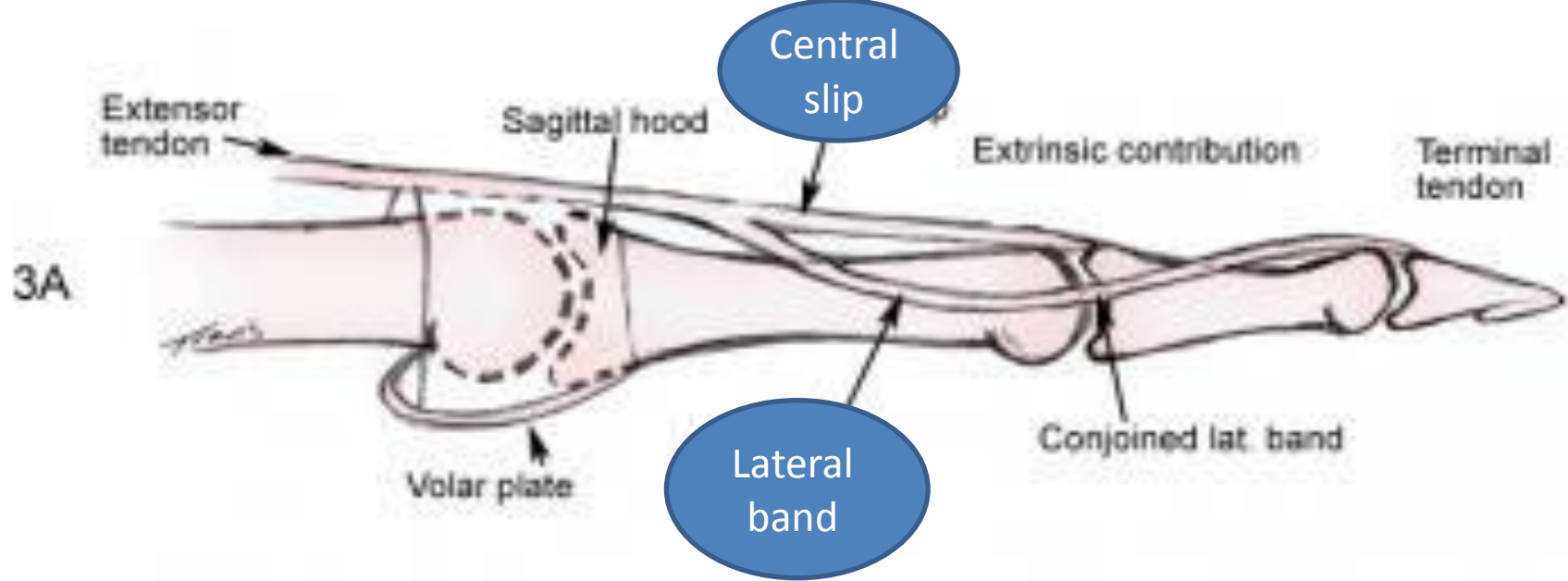


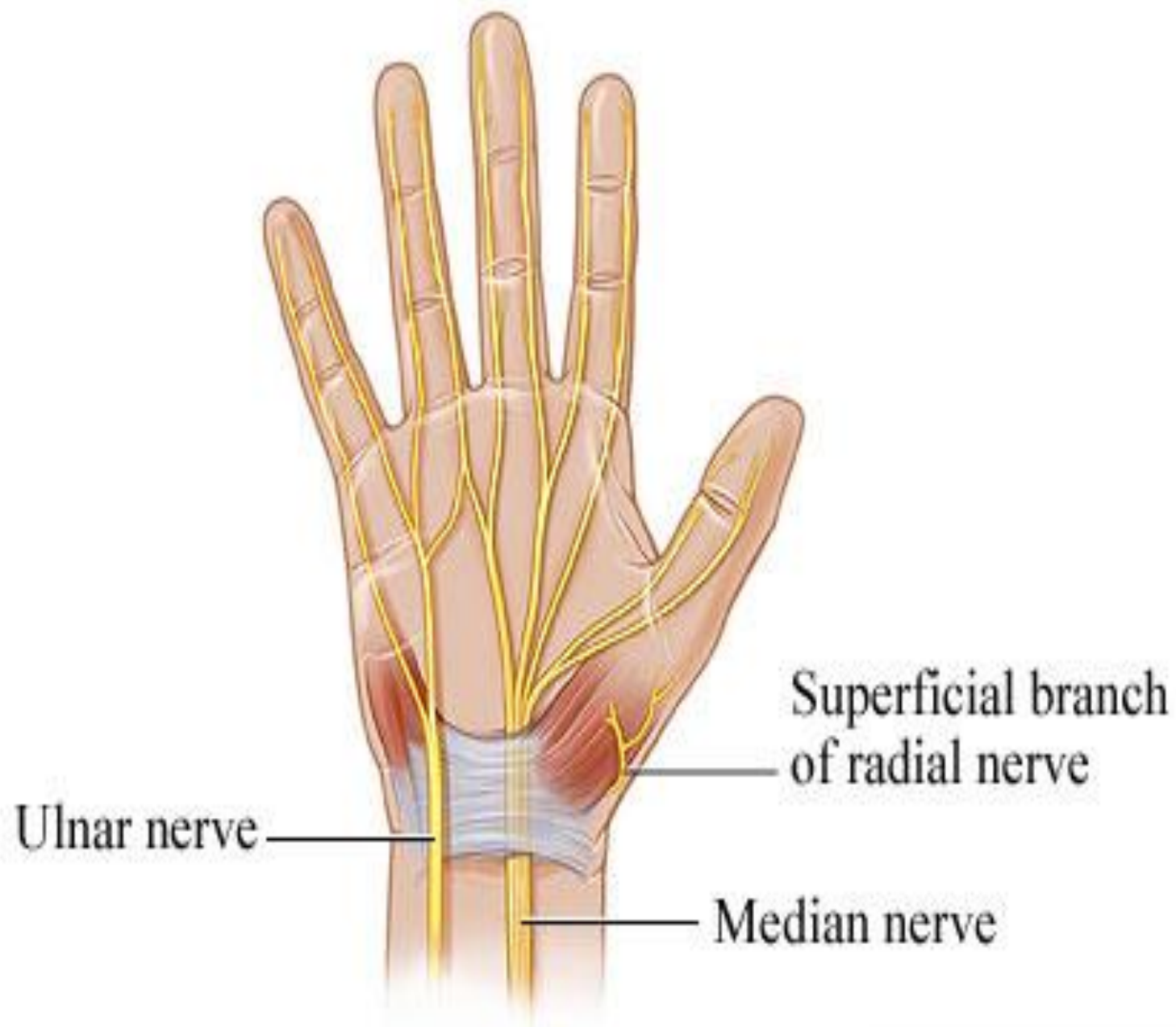


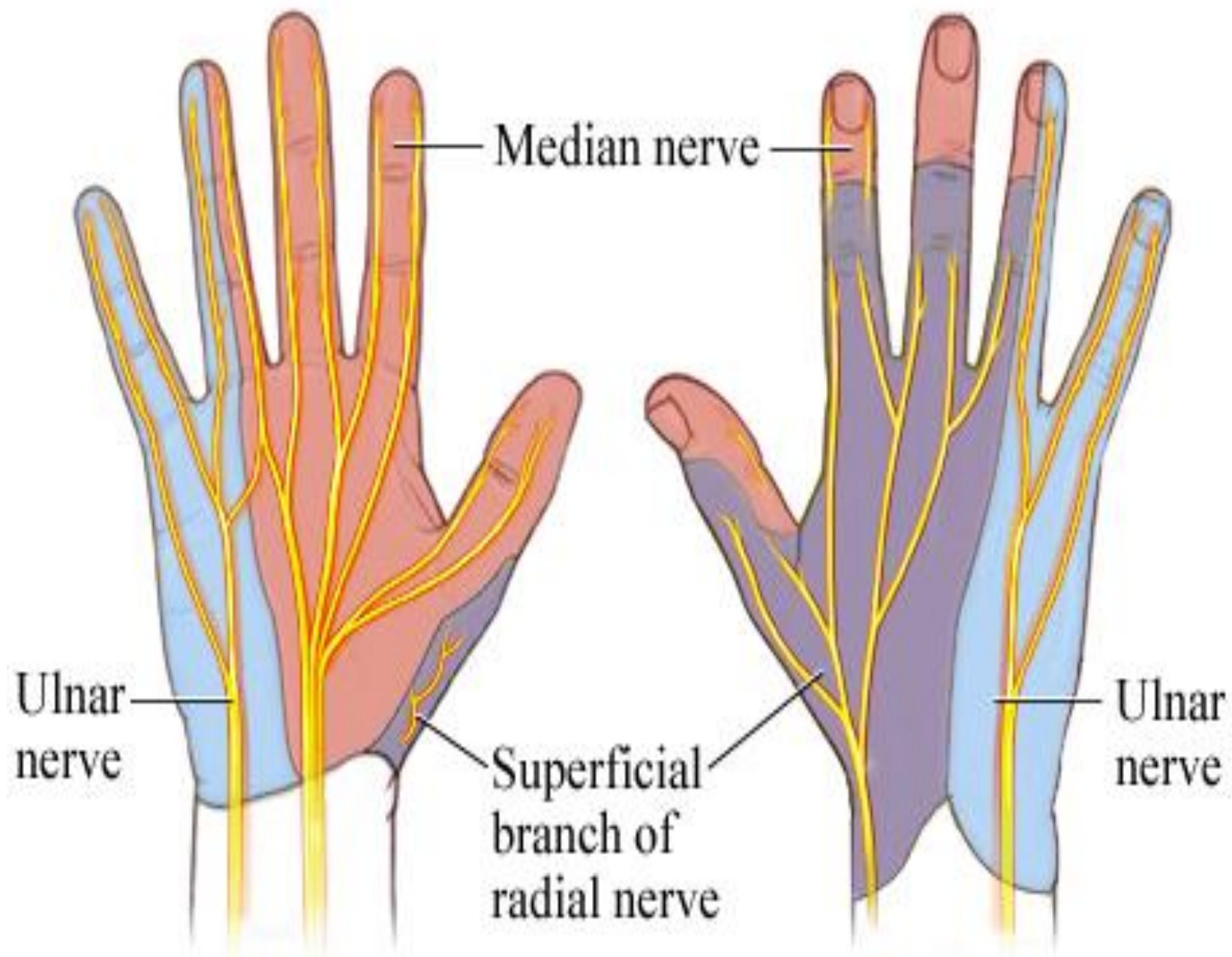
Flexor tendons pulleys



The function of these pulleys is to assist in tendon movement, stabilize the tendon & prevent bow stringing







3 BASIC FUNCTIONS OF HAND

- * HOOK
- * GRASP
- * PINCH

- * All functions of the hand are combinations of these three functions

شکرا جزىلا