

Case 1

- 62 F
- Long standing history of writer's cramp
- Last injection 12/2024
 - Flexor carpi ulnaris (FCU) 40 units,
 - Flexor carpi superficialis 2 (FDS2) 25 units
 - Flexor pollicis longus (FPL) 10 units



Case 2

- 66 F
- Long standing history of writer's cramp
- Last injections 12/2024
 - Flexor carpi radialis (FCR) 15 U
 - Flexor carpi ulnaris (FCU) 15 U
 - Flexor carpi superficialis 2 (FDS2) 2.5 U
 - Flexor carpi superficialis 3 (FDS3) 2.5 U
 - Flexor pollicis longus (FPL) 2.5 U



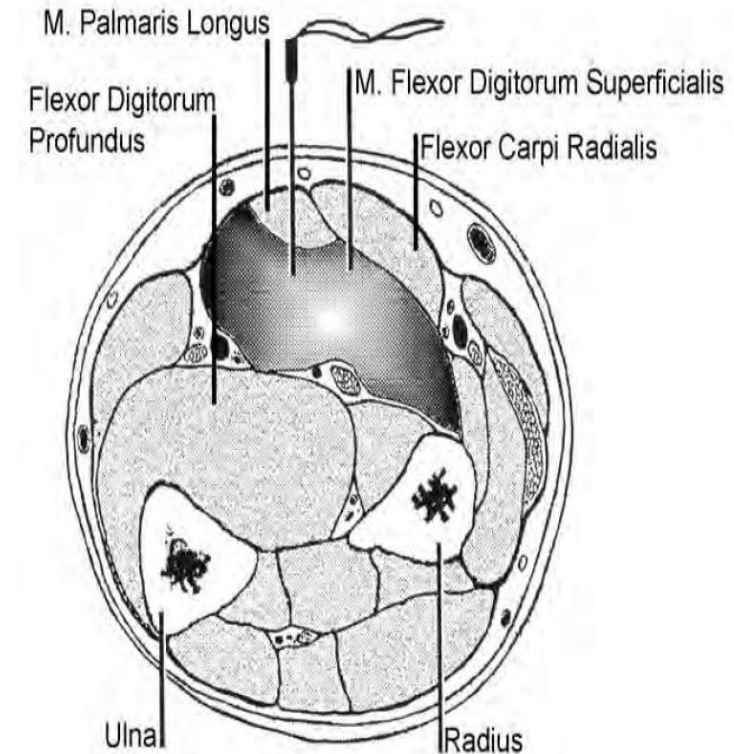
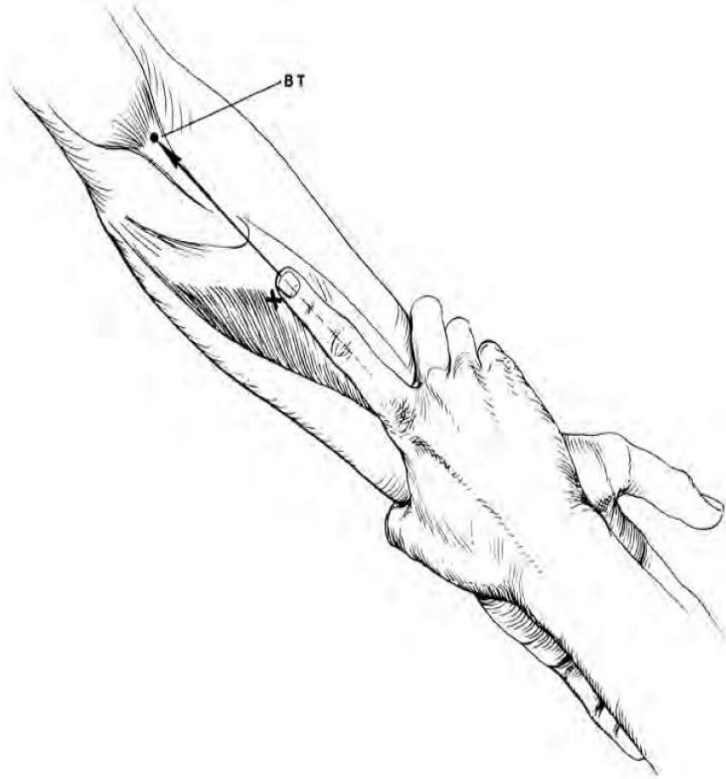
Writer's and musician's cramp

Flexor Digitorum Superficialis (FDS) muscle

- Flexion of the proximal interphalangeal joint
- D1 and D2 most commonly affected in writer's cramp
- D4 and D5 often affected in musician's cramp



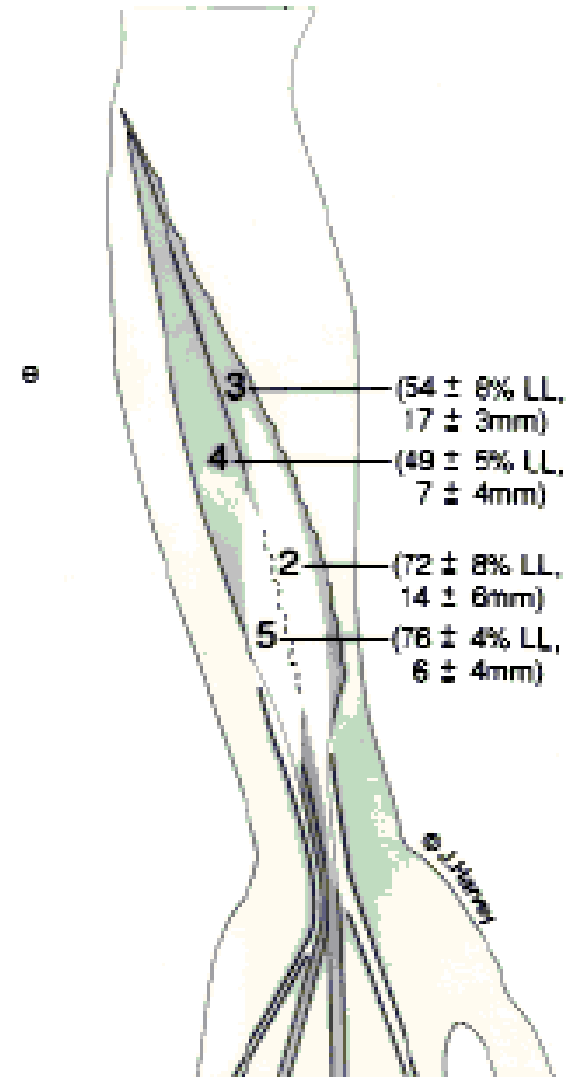
Flexor Digitorum Superficialis



- Tip of index finger with hand over the wrist
- In FDP if too deep

Flexor Digitorum Superficialis

- FDS 2 and 5 deep to FDS 3 and 4
- FDS 2 and 5 more distal than FDS 3 and 4



Bickerton et al. Muscle Nerve 1997

EMG and stimulation technique

