

MEDIAN NERVE

Lateral cord (Predominantly sensory)

C6, 7, 8, T1

Medial cord (Motor)

Lateral to brachial artery in the arm

(Sens prox to elbow)
Crosses anteriorly to LU

Medial to artery in
Ante cubital fossa beneath
bicipital aponeurosis

Between 2 heads PT
Beneath fibrous arch FDS

AIN branch Sens distal
to elbow (runs between)
FPL & FDP

Descends forearm between
FDS & FDP in midline

Above wrist superficial
between FDS & FCR

PCBMN Sens prox to wrist
lws ulnar to FCR passes
over flexor retinaculum

MN passes through CT
radial to FDS

Recurrent motor branch 50% arise distal to carpal ligament
30% arise within carpal tunnel emerging distally
20% pure flexor retinaculum

No branches before elbow

AIN
|||

NAT
|||

Common flexor origin
4/5

MN Pronator teres

FCR

PL (Palmaris longus)

FDS

(Not FCU)

AIN FDP (Index & middle)

FPL ^{AIN}

Pronator quadratus

L
O
A
F

Pronator syndrome = Compression of MN in elbow or forearm

- ① Syracodyler pronator
- ② Ligament Struthers
- ③ Bicipital aponeurosis
- ④ 2 heads of PT
- ⑤ FDS proximal arch

AIN syndrome = Motor loss FPL, FDP & PQ - No sensory loss

- ① - ⑤ + ⑥ Enlarged bicipital bursa
- ⑦ Gantzer muscle (accessory head of FPL)