

BRACHIAL PLEXUS $\Rightarrow$ BRACHIUM $\rightarrow$ COLLECTION OF NERVES

$\rightarrow$ BRACHIAL PLEXUS CONSISTS OF

- i) ROOTS . R
- ii) TRUNKS . T
- iii) DIVISIONS . D
- iv) CORDS . C
- v) BRANCHES . B

ROOTS: CONSTITUTED BY ANTERIOR PRIMARY RAMI OF SPINAL NERVES C₅ C₆ C₇ C₈ & T₁ WITH CONTRIBUTIONS FROM C₄ & T₂

$\rightarrow$ ORIGIN OF PLEXUS MAY SHIFT BY ONE SEGMENT EITHER UPWARD OR DOWNWARD, RESULTING IN PREFIXED OR POSTFIXED PLEXUS RESPECTIVELY.

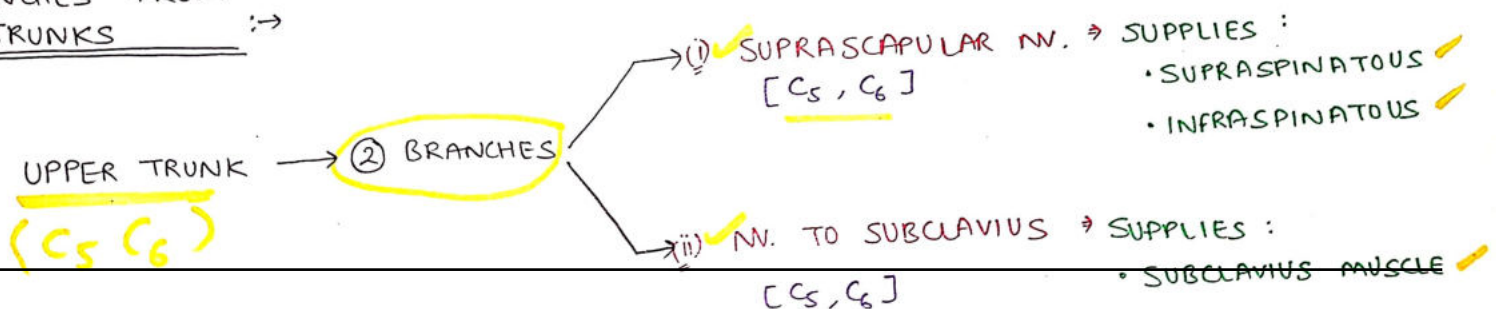
C₄ PRE-FIXED PLEXUS - CONTRIBUTION OF (C₄) IS LARGE & THAT FROM T₂ IS ABSENT.

T₂ POST-FIXED PLEXUS - CONTRIBUTION OF T₁ IS LARGE, (T₂) ALWAYS PRESENT, C₄ IS ABSENT & C₅ REDUCED IN SIZE

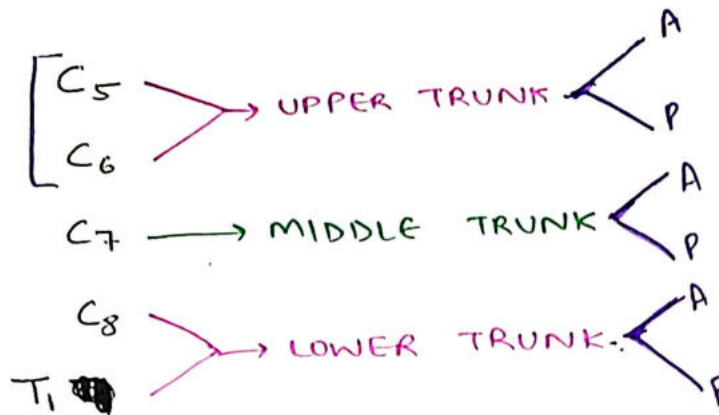
BRANCHES FROM ROOTS $\Rightarrow$

- i) NV. TO SERRATUS ANTERIOR - C₅ C₆ C₇
(LONG THORACIC NV.)
- ii) NV. TO RHOMBOIDS - C₅
(DORSAL SCAPULAR NV.)
- iii) BRANCHES TO LONGUS COLLI & SCALENI MUSCLES. - C₅ C₆ C₇ C₈
- iv) BRANCH TO PHRENIC NV. - C₄ (mainly)

BRANCHES FROM TRUNKS $\Rightarrow$



TRUNKS :
(3)



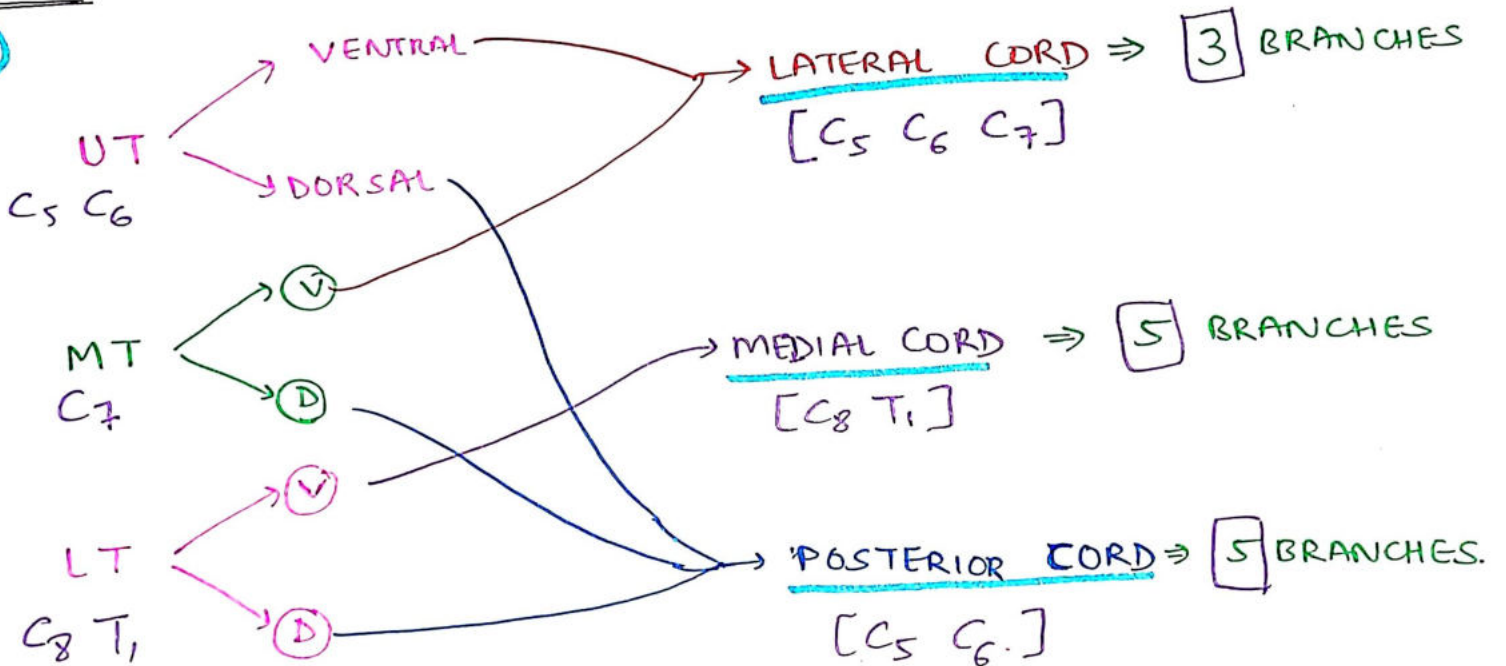
RTDCB

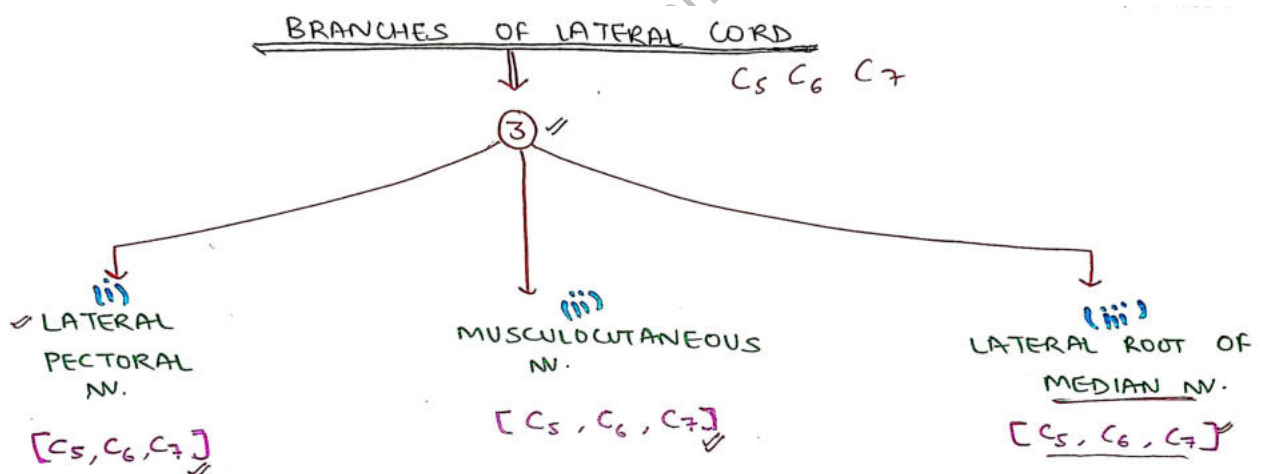
DIVISIONS : EACH TRUNK (3) DIVIDES INTO VENTRAL & DORSAL DIVISIONS.

→ THEY JOIN TO FORM CORDS.

RTDCB

CORDS :
(3)





[MNEUMONIC: Le Papa Mummy Layenge Mast.]

↓

SUPPLIES

- PECTORALIS MAJOR
- PECTORALIS MINOR.

↓

SUPPLIES

MUSCLES OF FRONT OF ~~ARM~~ BRACHII

- ✓ CORACOBRACHIALS
- ✓ BOTH HEADS OF BICEPS BRACHII

↓

SUPPLIES

- MUSCLES OF FRONT OF FOREARM. ✓
- MUSCLES OF THENAR EMINENCE ✓

BRANCHES OF MEDIAL CORD [C₈, T₁]

⑤

✓ MEDIAL PECTORAL NV.

[C₈, T₁]

SUPPLIES:

- PECTORALIS MAJOR ✓
- PECTORALIS MINOR ✓

✓ MEDIAL CUTANEOUS NV. OF ARM

[C₈, T₁]

✓ MEDIAL CUTANEOUS NV. OF FOREARM

[C₈, T₁]

CARRIES SENSORY IMPULSES FROM:

- SMALL AREA OF MEDIAL SIDE OF ARM
- LARGE AREA OF MEDIAL SIDE OF FOREARM.

✓ ULNAR NV.

[C₇, C₈, T₁]

SUPPLIES:

- 1½ MUSCLE OF FRONT OF FOREARM
- ⑤ INTRINSIC MUSCLES OF PALM.

✓ MEDIAL ROOT OF MEDIAN NV.

[C₈, T₁]

C₅ C₆ C₇
MEDIAN NV.
[C₅ C₆ C₇ C₈ T₁]

[MNEUMONIC : MUMMY PAPA MARENJE ARM FOREARM ULAT JAYEGA MEDICINE MANGAYE]

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⑤

BRANCHES OF POSTERIOR CORD

[C5, C6]

⑤

(i) UPPER SUBSCAPULAR NV.

[C5, C6]

SUPPLIES:

- SUBSCAPULARIS ✓

(ii) NV. TO LATTISSMUS DORSI (THORACODORSAL NV.)

[C6, C7, C8]

SUPPLIES:

- LATTISSIMUS DORSI ✓

(iii) LOWER SUBSCAPULAR NV.

[C5, C6]

SUPPLIES:

- SUBSCAPULARIS ✓
- TERES MAJOR ✓

(iv) AXILLARY NV.

[C5, C6]

SUPPLIES:

- DELTOID ✓
- TERES MINOR ✓

(v) RADIAL NV.

[C5-C8, T1]

SUPPLIES:

- TRICEPS BRACHII ✓
- [12 MUSCLES] OF BACK OF FOREARM ✓

* RADIAL ⇒ THICKEST BRANCH OF BRACHIAL PLEXUS.

[MNEUMONIC: UPAR SABKE LATHI NICHE SABKE AXILLARY ROD]

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