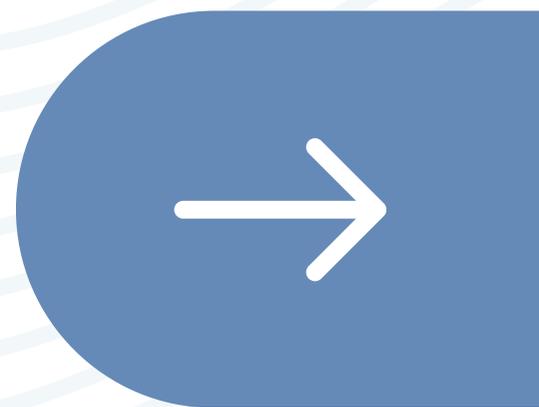




#DIBS BY NEXTILLO

DAILY INFORMATION BULLETIN SERVICE

BRACHIAL PLEXUS





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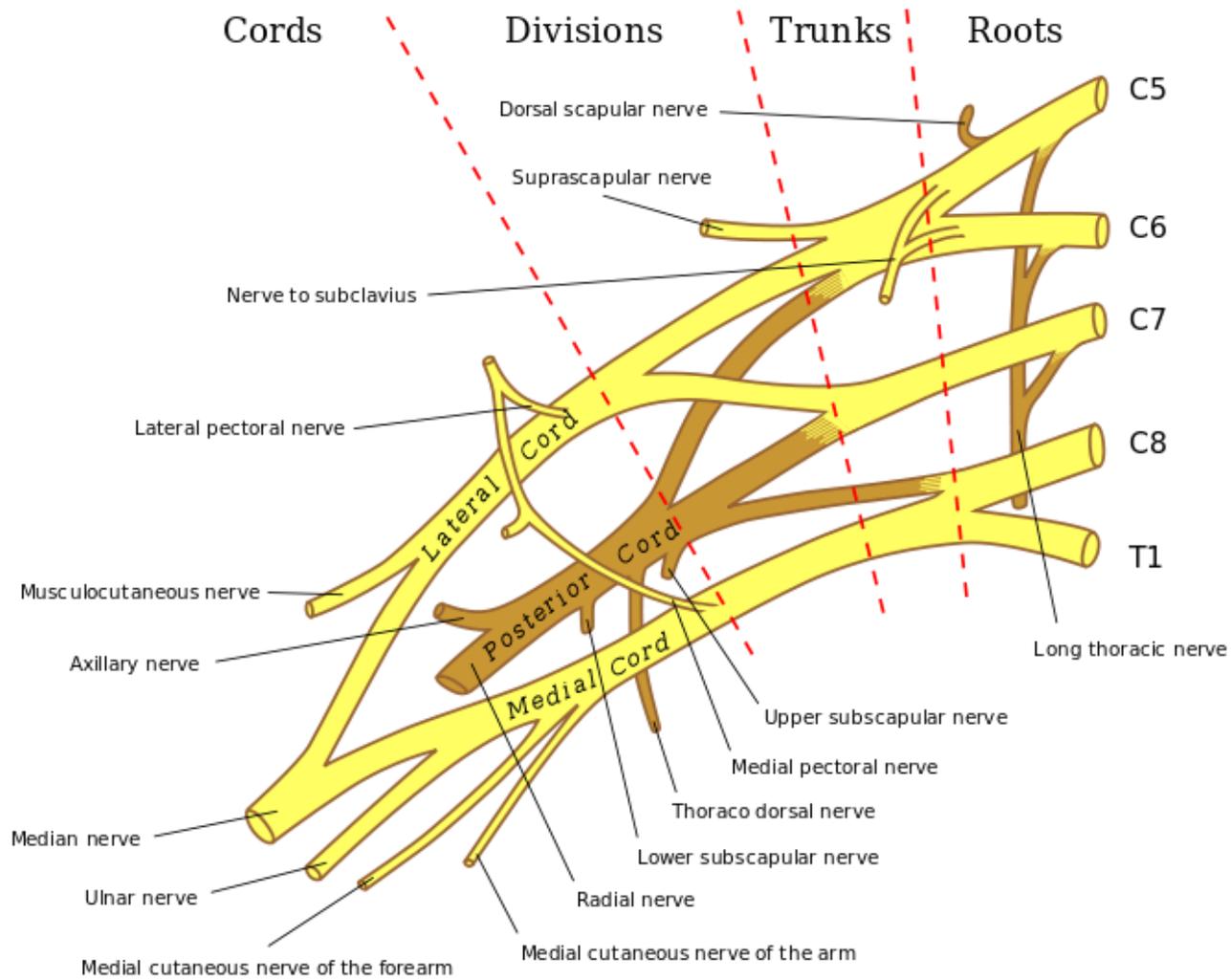
DAILY INFORMATION BULLETIN SERVICE

BRACHIAL PLEXUS

The brachial plexus is a network of nerves in the shoulder that carries movement and sensory signals from the spinal cord to the arms and hands. Brachial plexus injuries typically stem from trauma to the neck, and can cause pain, weakness and numbness in the arm and hand.



VISUAL REPRESENTATION





BRACHIAL PLEXUS

BRACHIAL PLEXUS

- *Divisional Functions:*
 - - *Anterior divisions form cords supplying mainly flexors.*
 - - *Posterior divisions create the posterior cord, supplying primarily extensors.*
- *Cord Distribution:*
 - - *Lateral cord: Anterior divisions of upper and middle trunks.*
 - - *Posterior cord: Comprises all three posterior divisions.*
 - - *Medial cord: Formed by the anterior division of the lower trunk.*



BRACHIAL PLEXUS

TRUNK, CORD, AND BRANCH

- *Upper Trunk (C5-C6): Contributes to the formation of the lateral and posterior cords.*
- *- nerve supply to shoulder and upper limb muscles.*
- *Middle Trunk (C7): form the lateral and posterior cords.*
- *- a central role in nerve distribution to the upper extremities.*
- *Lower Trunk (C8-T1): Contributes to the formation of the medial cord.*
- *- Crucial for nerve supply to the hand .*
- *Lateral Cord (LML):*
- *- Formed by anterior divisions of upper and middle trunks.*
- *- Gives rise to the musculocutaneous nerve and lateral root of the median nerve*



BRACHIAL PLEXUS

BRANCHES AND NERVE

- *Musculocutaneous Nerve (C5-C7):*
 - - *Arises from the lateral cord.*
 - - *Innervates flexors in the anterior compartment of the arm*
- *Ulnar Nerve (C8-T1):*
 - - *Arises from the medial cord.*
 - - *Supplies intrinsic hand muscles and provides sensory innervation.*
- *Radial Nerve (C5-T1):*
 - - *Arises from the posterior cord.*
 - - *Innervates extensors in the posterior compartment of the arm.*



MCQ

Question: What is the primary function of the posterior divisions of the brachial plexus?

- (A) Supplying mainly flexors**
- (B) Forming the lateral cord**
- (C) Innervating extensors**
- (D) Creating the medial cord**

Answer: (C) Innervating extensors