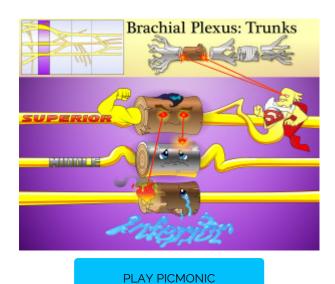


# **Brachial Plexus Trunks**

The ventral/anterior primary rami of C5-T1 join a pattern to form the superior, middle and inferior trunks.



## **Superior Trunk**

Super Trunk above

C5 and C6 roots form the superior trunk. Damage to this trunk results in Erb-Duchenne palsy, characterized by the arm hanging by side, medially rotated and forearm pronated (think of a "Waiter's tip").

## Suprascapular Nerve

Super-scapula Nerve

This nerve originates from the superior trunk. It innervates the supraspinatus muscle and infraspinatus muscle (involved with lateral rotation of the arm).

#### Middle Trunk

Metal Trunk in middle

The C7 root forms the middle trunk. This contributes to the lateral pectoral, musculocutaneous, median, radial, axillary, thoracodorsal and subscapular nerves.

#### **Inferior Trunk**

Inferior Trunk beneath

C8 and T1 roots form the inferior trunk. Injury to the inferior trunk can have many manifestations, classically including hand weakness/paralysis due to impairment of the ulnar and median nerves.