

Brachial Plexus Branch	Origin	Spinal Segment	Function
Dorsal scapular	C5 root	C5	Motor: Rhomboid major/minor
Long Thoracic	C5 to C7 roots	C5 to C7	Motor: Serratus anterior
Suprascapular	Superior trunk	C5 to C6	Motor: Supra/infraspinatus
Nerve to subclavius	Superior trunk	C5 to C6	Motor: Subclavius
Lateral pectoral	Lateral cord	C5 to C7	Motor: Pectoralis major
Musculocutaneous	Lateral cord	C5 to C7	Motor: All muscles in anterior compartment of arm Sensory: Skin on lateral side of forearm
Medial pectoral	Medial cord	C8 to T1	Motor: Pectoralis major/minor
Medial cutaneous of arm	Medial cord	C8 to T1	Sensory: skin on medial distal 1/3 of arm
Medial cutaneous of forearm	Medial cord	C8 to T1	Sensory: skin on medial side of forearm
Median nerve	Medial and lateral cords	C5 to T1	Motor: All muscles in anterior compartment of forearm (except flexor carpi ulnaris and medial half of flexor digitorum profundus), three thenar muscles and two lateral lumbrical mm. Sensory: Skin over the palmar surface of the lateral three and one half digits and lateral side of palm and middle of wrist
Ulnar nerve	Medial cord	C8 to T1	Motor: All intrinsic muscles of hand (except 3 thenar muscles and two lateral lumbricals); flexor carpi ulnaris and medial half of flexor digitorum profundus in the forearm Sensory: Palmar surface of medial and one and one-half digits and associated palm and wrist, and skin over dorsal surface of the medial one and one-half digits
Superior Subscapular	Posterior cord	C5, C6	Motor: Subscapularis
Thoracodorsal (Middle subscap)	Posterior cord	C6 to C8	Motor: Latissimus dorsi
Inferior Subscapular	Posterior cord	C5, C6	Motor: Subscapularis and teres major
Axillary	Posterior cord	C5, C6	Motor: Deltoid and teres minor Sensory: Skin over upper lateral part of arm
Radial	Posterior cord	C5 to T1	Motor: All muscles in posterior compartment of arm and forearm Sensory: Skin on posterior arm and forearm, lower lateral surface of arm, and the dorsal lateral surface of hand