

# Brachial Plexus: Cutaneous Sensation

**Anesthetic Pearls:** Anesthetic Implications of the Cutaneous Sensation of the Brachial Plexus

<u>Nerve</u>	<u>Roots</u>	<u>Distribution / Sensation</u>
<b>Musculocutaneous nerve</b> Lateral antebrachial cutaneous n.	C5-6	Lateral forearm
<b>Median nerve</b> Cutaneous distribution	C6-8	Palm: first 3.5 fingers Dorsal: distal tips of first 3.5 fingers
<b>Medial cord</b> Medial brachial cutaneous n. Intercostobrachial n. Medial antebrachial cutaneous n.	C8-T2 C8-T2 C8-T2	Medial upper arm to medial epicondyle Medial upper arm up to axilla Medial aspect of forearm down to wrist (also branch to supply skin overlying biceps)
<b>Ulnar nerve</b> Cutaneous distribution	C8-T1	Palm / Dorsal aspect last 1.5 fingers
<b>Radial nerve</b> Dorsal brachial cutaneous n. Dorsal antebrachial cutaneous n. Cutaneous distribution	C5-6 C5-8 C6-8	Lateral upper arm Lateral forearm Dorsal radial half of hand
<b>Axillary nerve</b> Lateral brachial cutaneous n.	C5-6	Lower 2/3 posterior deltoid

