

Table 8.1 Nerves of the Cervical, Brachial, Lumbar, and Sacral Plexus

Plexus	Spinal nerve root	Peripheral nerve branches
Cervical	C1 C2 C3 C4	Lesser occipital (C2, sometimes C3) Greater auricular (C2, C3) Transverse cervical (C2, C3) Supraclavicular (C3, C4) Phrenic (C3-C5)
Brachial	C5 C6 C7 C8 T1	Dorsal scapular (ventral rami of C5, sometimes C4) Long thoracic (ventral rami C5-C7) Subclavius (superior trunk, C5, sometimes C4, C6) Suprascapular (superior trunk, C5, C6, sometimes C4) Lateral pectoral (anterior division of C5-C7) Medial pectoral (medial cord, C8, T1) Medial brachial cutaneous (cutaneous nerve of the arm) (medial cord, C8, T1) Medial antebrachial cutaneous (cutaneous nerve of the forearm) (medial cord, C8, T1) Upper subscapular (posterior cord, C5, C6) Thoracodorsal (posterior cord, C6-C8) Lower subscapular (posterior cord, C5, C6) Musculocutaneous (terminal branch of lateral cord, C5-C7) Median (terminal branch of the lateral and medial cords, C5-C7, C8, T1) Ulnar (terminal branch of the medial cord, C8, T1, sometimes C7) Axillary (terminal branch of the posterior cord, C5, C6) Radial (terminal branch of the posterior cord, C5-C8, T1)
Lumbar	T12 L1 L2 L3 L4	Ilioinguinal and iliohypogastric (L1) Femoral (L2-L4) Obturator (L2-L4) Genitofemoral (L1, L2) Lateral femoral cutaneous (dorsal branches, ventral rami L2, L3)
Sacral	L4* L5* S1 S2 S3	Common peroneal (posterior divisions, L4-S2)** Tibial (anterior divisions, L4-S3)** Pudendal (S2-S4) Superior gluteal (dorsal divisions, L4-S1)

*Comprise the lumbosacral trunk (L4, L5; joins the lumbar and sacral plexus).

**Represent the anterior and posterior divisions of the sciatic nerve (L4-S3).

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