



Block	Areas Covered	Areas NOT covered	Uses	Evidence
Occipital	Greater occipital nerve - cutaneous innervation to posterior scalp	Not the face	Occipital neuralgia, Headaches, laceration to scalp	Case
Stellate Ganglion	Sympathetic blockade of head, neck, heart, upper extremities		Refractory ventricular storm, complex regional pain syndrome of upper extremities	Cases but high benefit, low cost scenario
Superficial Cervical Plexus	Anterolateral neck, anteaauricular/ret roauricular areas, skin over clavicle		Clavicle fracture, IJ central line placement, submandibular superficial skin abscess, lateral neck laceration, ear lobe laceration	Small study 27 patients showing efficacy for painful conditions (no control group)
Interscalene	C5-C7 +/- C3-C4, shoulder, clavicle, upper arm	Not hand, forearm, ulnar arm	Shoulder dislocation, upper arm/deltoid laceration, proximal humerus fracture	Good studies for shoulder dislocation - one RCT, shows time savings, ± on satisfaction and pain, maybe worse
Supraclavicular	C5-T1 roots, upper limb below shoulder	Misses some proximal medial arm	Elbow or wrist dislocation	Small study (12), compared block to procedural sedation, shows saves time and is feasible
Infraclavicular	Blocks the cords (lateral, medial, posterior), upper limb below shoulder	Not medial proximal arm	Arm pain, elbow fracture, dislocation	Case reports

Axillary	Musculocutaneous, ulnar, median, radial → Hand, forearm	Not superior shoulder (over deltoid), medial axilla	Forearm pain, fractures	Cases + 1997 study of 75 cases comparing to Beir block - axillary block group - higher satisfaction, worse pain control, well tolerated
Forearm	Sensory to distributions of radial, median, and/or ulnar	Not lateral cutaneous nerve of the forearm (lateral aspect of forearm)	Radial: distal radius fracture Ulnar: boxers fracture Median: lateral palm laceration	A few good studies for hand pain (but no control group). Cases for fractures.
PECS 1/PECS 2	Anterior chest, breast		Breast, axillary abscess	No ED specific cases published
Serratus anterior	Anterior chest, breast, ribs, T2-T9	Not all posterior ribs. Not breast or axilla	Rib fractures, chest tubes?	Case reports
Intercostal	Blocks the intercostal level, longitudinal spread uncommon		Rib fracture	Case report
Erector Spinae plane	Hemithorax and hemiabdominal analgesia	Not great for surgical grade anesthesia	Rib fracture, renal colic, appendicitis	Case series + case reports for novel uses
Suprascapular	Glenohumeral joint	Not the rest of the upper extremity	Shoulder dislocation, adhesive capsulitis	Controlled study 41 patients with decreased LOS, no diff in satisfaction. 1 study vs intraarticular showed block was worse for pain control. Interesting single subject control showed interscalene : suprascap
Transversus abdominus (TAP)	Anterior abdominal wall, T10-L1 dermatomes (maybe up to T7 with large volumes)		Abscess, appendicitis	Case reports for appendicitis
Femoral/Fascia iliaca compartment	Hip, anterior thigh, knee	Obturator often missed, distal lower extremity	Hip/femoral shaft fractures, patellar fracture, subluxation,	Metaanalysis of 11 RCTs showed decreased pain, decreased opioids, and

			proximal tibia, lacerations to anteromedial thigh	nausea. 2016 systematic review - similar but more pair control than opioid reduction. Some evidence of better functional outcomes. Cochrane review for femoral fractures in children showed may have benefit.
Popliteal Sciatic	Below knee - sensory and motor	Not the medial leg and foot (covered by saphenous nerve). Motor to hamstrings spared	Ankle dislocation, achilles tendon rupture	Case reports
Posterior tibial	Heel and sole of the foot	Does not cover lateral heel (sural nerve) or medial foot (saphenous).	Sole of foot lac or foreign body, calcaneal fracture	Case reports