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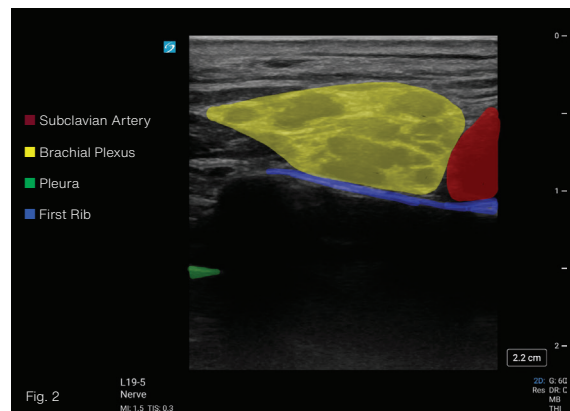
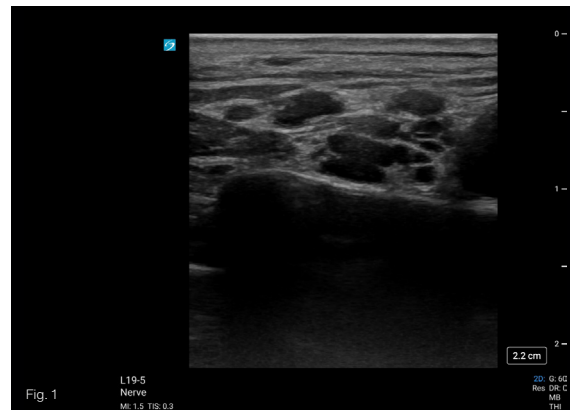
**QUICK**  
**GUIDE >**

# ANESTHESIA

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# SUPRACLAVICULAR BRACHIAL PLEXUS BLOCK

The supraclavicular brachial plexus block provides anesthesia and analgesia to the upper extremity, distal to the shoulder.



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## SUPRACLAVICULAR BRACHIAL PLEXUS BLOCK

The supraclavicular brachial plexus block is used to provide anesthesia and analgesia for surgeries of the upper extremity, distal to the shoulder.

### Objective:

Spread of local anesthetic surrounding the brachial plexus lateral to the subclavian artery and superior to the 1st rib.

### Clinical Pearls:

- Use a high frequency linear transducer on a nerve exam type
- Position the patient supine with the head turned to the contralateral side
- Approximate depth 2-3 cm
- The transducer is placed transversely, mid-clavicle within the supraclavicular fossa
- The brachial plexus is located lateral to the subclavian artery and superior to the first rib. It is often seen in the 1-3 o'clock position adjacent to the subclavian artery
- Ideal ultrasound image of the supraclavicular brachial plexus should include: First rib, subclavian artery, and pleura. A clear delineation between the artery and brachial plexus should be visualized
- In-plane needle insertion with a lateral to medial approach
- Color Doppler can be utilized to confirm subclavian artery position along with identification of any vessel anatomical variations



Fig. 3

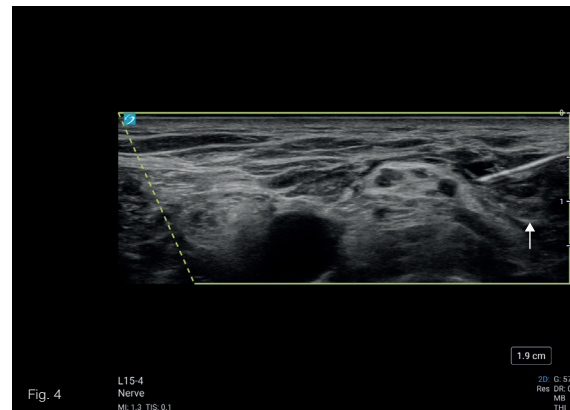


Fig. 4

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