Positioning of the patient is an important prerequisite for central venous cannulation (CVC) and to perform the brachial plexus blocks (BPB) in the operation theater” Hooda et al (2019).

Abstract:

Positioning of the patient is an important prerequisite for central venous cannulation (CVC) and to perform the brachial plexus blocks (BPB) in the operation theater. The success rate for CVC via the subclavian veins is good in experienced hands using optimal positioning. However, there are occasions when the procedure may become technically challenging without proper positioning as in obese patients, collapsed veins or a difficult anatomy. Proper positioning is therefore required for both the landmark technique and ultrasound-guided technique of CVC to increase the success of cannulation and decrease complications. Similarly, success rates in BPB are higher and there are fewer complications if the patient is positioned properly, with either the landmark technique or with use of ultrasound or peripheral nerve stimulator guidance. Similarly, proper positioning is essential for percutaneous tracheostomies and other procedures performed over the neck region.

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