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Ultrasound guided regional anesthesia for upper & lower extremity

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Introduction: The use of ultrasound imaging techniques in regional anesthesia is rapidly becoming an area of intense to those involved in the field of perioperative care. Furthermore, it represents one of the largest recent changes in the field of regional anesthesia. With the use of ultrasound technology the operator is able to view an image of the target nerve directly, guide the needle under real-time observation, navigate away from sensitive anatomy and monitor the spread of local anesthetics. Ultrasound offers a non-invasive, low risk safety factor whose benefits to quality of care; reduction in complications and the relative improvement in patient confidence and satisfaction with the techniques has heralded the techniques as standard-of-care for the future.

Target Audience: This course is designed for Anesthesiologists, Anesthesiology Residents, Fellows and who are currently using or wishing to use ultrasound technology in the administration of regional nerve blocks.

Objectives: At the completion of this educational activity, participants should be able to:

- Learn the ultrasound-guided nerve blocks of upper and lower extremities
- Learn proper technique of handling the ultrasound probe to identify target nerve.

Biography

M-Irfan Suleman, M.D. completed her anesthesia residency and pediatric anesthesia fellowship training at the University of Arkansas for Medical Sciences and Arkansas Children's Hospital in Little Rock, AR. Currently, working as an Assistant Professor & Director Pediatric Regional Anesthesia, Department of Anesthesiology at Arkansas Children's Hospital/ UAMS, actively involved in teaching " Ultrasound Guided Regional Anesthesia " for Certified Registered Nurse Anesthetists, Anesthesia Residents, Fellows and Faculty.

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