

Jointly Provided By

USF Health



Ultrasound Guided Regional Anesthesia Workshop

Activity Description:

This 1 day intensive workshop has been developed for both novices and advanced providers who would like to either learn the basics or further advance their skills in ultrasound guided regional anesthesia. Participants will have up to 6 hours of hands on ultrasound scanning on live models of different body habitus to learn and identify different sono-anatomy pertaining to regional anesthesia. A pre-course reading material will be provided to minimize didactic portion of the workshop. At the end of the workshop, you will be expected to have gained thorough knowledge and immense confidence in the use of ultrasound for regional anesthesia.

Target Audience:

Anesthesiologists, Emergency Physicians, Residents, Fellows, Nurse Anesthetists, Anesthesiologists Assistants

Learning Objectives:

As a result of participating in this activity, the learner will be able to:

- Describe and discuss the basic principles of ultrasound
- Identify normal sono-anatomy and aberrations
- Describe nerve block selection for specific surgeries
- Increase the ability to detect critical structures and improve patient safety while performing regional anesthesia
- Demonstrate needle insertion techniques for ultrasound guided nerve blocks, both in-plane and out-of-plane
- Improve block success rate and patient satisfaction
- Perform spinal/epidural imaging with ultrasound

Activity Director

Arun Kalava, MD, FASA
Consultant Anesthesiologist-Regional Anesthesia and Acute Pain Medicine
Medical Director, Breakthru Acute Pain & Ketamine Clinic
Director, Ultrasound Experts

Accreditation:

Physicians



This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through a joint providership of USF Health and the Ultrasound Experts. USF Health is accredited by the ACCME to provide continuing medical education for physicians

USF Health designates this live activity for a maximum of 7.25 AMA *PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Fees:

COURSE FEE

- Early Bird Registration: **\$975.00** (30 days prior to course)
- Regular Registration: \$1,200.00
- Onsite Registration: \$1,500.00

Registration:

Please Register at: www.ultrasoundexperts.org

CANCELLATION/REFUND POLICY

Cancellations must be requested in writing via e-mail to contactultrasoundexperts@gmail.com. 50% of the course fee is refundable if cancelled more than 60 days prior to the course. No refunds are allowed for cancellations made anytime if the day of cancellation falls within 60 days from the day of the course. There are no refunds for no-shows; Colleague substitutions are welcome without penalty for the registered course.

Arun Kalava MD reserves the right to cancel this activity due to unforeseen circumstances, in which the full registration fee will be refunded. Arun Kalava MD, is not responsible for travel expenses incurred by the participants in the unlikely event that this activity is cancelled.

Location:

Multiple Locations: Please refer to www.ultrasoundexperts.org for dates and location

Additional Disclaimers & Disclosures:

Relevant Financial Relationships

All individuals in a position to influence content have disclosed to USF Health any financial relationship with an ineligible organization.ⁱ USF Health has reviewed and mitigated all relevant financial relationships related to the content of the activity. The relevant relationships are listed below. All individuals not listed have no relevant financial relationships.

Arun Kalava, MD: Employee or independent contractor relationship with CIVCO - product group **(Ended)**; Consultant for Sonosite, Nalu – product group **(Ended)**; Speakers Bureau – Wisonic **(Ended)**.

Disclaimer

The information provided at this CE activity is for continuing education purposes only and is not meant to substitute for the independent medical/clinical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient's medical condition.

USF is an Equal Opportunity / Affirmative Action / Equal Access Institution.

For disability accommodations contact Arun Kalava MD, arun@araliyainc.com, Phone: 646-620-5245 within five days of the event.

Accommodations

Please Refer to www.ultrasoundexperts.org for Hotel Accommodation

Agenda:

One Day Intensive Course: (8AM-4PM)

- **Basics of Ultrasound:** Gain, Depth, Probe selection, Scanning techniques & Needle localization
- **Upper Extremity Nerve Blocks:** 1) Interscalene, 2) Supraclavicular, 3) Infraclavicular, 4) Axillary
- **Truncal Blocks:** 1) PECS I & II 2) Pecto-Intercostal Fascial Plane block 3) SubCostal TAP 4) Classical TAP 5) Quadratus Lumborum (QL) Block, 6) Rectus Sheath Block
- **Epidural & Spinal Ultrasound**
- **Lower Extremity Nerve Blocks:** 1) Femoral Nerve Block 2) Fascia Iliaca Block, 3) Saphenous/ Adductor Canal Block 4) Sciatic (Popliteal & Subgluteal) Block 5) Ankle Block
- **New Blocks:** 1) Anterior Supraclavicular 2) Erector Spinae Plane Block 3) Serratus Anterior Plane Block 4) iPACK 5) Subserratus Plane Block 6) Rhomboid Intercostal, 7) Retrolaminar Block
- Live Scanning on Multiple Adult Standardized Patients
- **Techniques:** In-plane and Out-of- plane techniques and Nerve Catheter Placement

Further Information

If you have credit related questions, please contact cpdsupport@usf.edu
