

**Point-of-Care Ultrasound and  
Ultrasound Guided Regional Anesthesia Workshop (RP2504C)  
Saturday, April 12, 2025**

**Sponsored by the UT Southwestern Department of Anesthesiology and Pain Medicine  
and the UT Southwestern Office of Continuing Education**

**Sreekanth Cheruku, MD, MPH - Conference Organizer  
Christopher Choi, MD - POCUS Course Director  
James Kim, MD - UGRA Course Director**

**Purpose and Content**

The widespread availability of portable ultrasound machines has provided physicians and allied health professionals with the opportunity to utilize point-of-care ultrasound (POCUS) at the patient's bedside as a non-invasive examination tool. The use of POCUS can augment physical examination and allow practitioners to rapidly diagnose specific conditions and guide interventions. In addition, come learn from regional anesthesia experts who are involved with ASRA and NYSORA as we correlate gross anatomy with sono-anatomy in the form of lectures complemented by live scanning, followed by breakout sessions with hands-on skills practice. This regional anesthesia workshop will help you solidify your regional skills and techniques while giving you the opportunity to ask experts specific questions that pertain to your practice.

**Target Audience**

Providers in the specialties of Anesthesiology, Critical Care Medicine, Emergency Medicine, Internal Medicine, Neurology, and Surgery

**Educational Methods**

Didactic lectures (morning session) and hands-on skills training (afternoon session)

**Educational Objectives**

**Point-of-Care Ultrasound (POCUS):**

- 1) Review the physics of ultrasound imaging;
- 2) Utilize ultrasound physics to improve point-of-care ultrasound imaging;
- 3) Utilize point-of-care cardiac imaging to evaluate cardiac function and make specific diagnoses;
- 4) Utilize point-of-care pulmonary imaging to diagnose and exclude specific lung conditions;
- 5) Utilize point-of-care abdominal imaging to evaluate the acute abdomen;
- 6) Utilize point-of-care vascular imaging to detect deep venous thrombosis;
- 7) Integrate point-of-care imaging to augment physical examination and improve management.

**Ultrasound-Guided Regional Anesthesia (UGRA):**

- 1) Demonstrate the correct sonographic technique for identification of the brachial plexus and individual nerves of the upper extremity and associated vascular and musculoskeletal structures;
- 2) Demonstrate the correct sonographic technique for identification of nerves of the lower extremity and associated vascular and musculoskeletal structures;
- 3) Demonstrate the correct sonographic technique for performance of truncal blocks including transversus abdominis plane block, rectus sheath block, and quadratus lumborum block;
- 4) Demonstrate the correct sonographic technique for performance of chest wall blocks, including erector spinae plane block, serratus anterior plane block, pectoserratus plane block, and parasternal blocks (pectointercostal fascial block and transversus thoracic muscle plane block);
- 5) Describe risk factors of local anesthetic systemic toxicity and propose a strategy to avoid and treat this complication.

### **Accreditation and Credit Designation Statements**

The University of Texas Southwestern Medical Center at Dallas is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Texas Southwestern Medical Center designates this live activity for a maximum of **6.5 AMA PRA Category 1 Credit(s)<sup>™</sup>**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The University of Texas Southwestern Medical Center certifies that non-physicians will receive an attendance certificate stating that they participated in the activity that was designated for **6.5 AMA PRA Category 1 Credit(s)<sup>™</sup>**.

### **American Board of Anesthesiology MOCA 2.0 Certification**

This activity contributes to the CME component of the American Board of Anesthesiology's redesigned Maintenance of Certification in Anesthesiology<sup>™</sup> (MOCA<sup>®</sup>) program, known as MOCA 2.0<sup>®</sup>. Please consult the ABA website, [www.theABA.org](http://www.theABA.org), for a list of all MOCA 2.0 requirements.

### **Evaluations and Certificates**

This course is evaluated by questionnaire which addresses activity content and confidence in meeting objectives, indicates balance, perceived bias, and desire to change practice as a result of the learning gained in this activity.

Attendees will receive an email from the CME Office with a link and instructions for completing the online course evaluation. Once the evaluation is completed, attendees will then claim credit and download/print their certificate.

### **Disclaimer**

This CME activity has been planned to be well-balanced and objective in discussion of comparative treatment regimens, and allows for the free scientific exchange of ideas. All treatment recommendations in a CME activity must be based on evidence accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients. All scientific research referred to, reported, or used in CME activities in support or justification of a patient care recommendation conforms to the generally accepted standards of experimental design, data collection, and analysis. Information and opinions offered by the speakers represent their viewpoints. Conclusions drawn by the audience should be derived from careful consideration of all available scientific information.

## **ACKNOWLEDGEMENTS**

### **Exhibitors**

The University of Texas Southwestern Medical Center gratefully acknowledges support from the following companies as exhibitors at this CME activity:

**GE Healthcare**

**Fujifilm Sonosite**

## **CONFERENCE FACULTY**

Department of Anesthesiology and Pain Management  
UT Southwestern Medical Center

### **Directors**

**Sreekanth Cheruku, MD, MPH - Conference Organizer**

Associate Professor

Divisions of Cardiothoracic Anesthesiology and Critical Care Medicine

**Christopher Choi, MD - POCUS Course Director**

Assistant Professor

Division of Critical Care Medicine

**James Kim, MD - UGRA Course Director**

Associate Professor

Division of Regional Anesthesia and Acute Pain Medicine

### **Speakers/Sonographers/Workshop Assistants/Planners**

**Melissa Bellomy, MD**

**Gloria Cheng, MD**

**Evelyn Coile, MD**

**Christopher Deonarine, MPAS, PA-C**

**Irina Gasanova, MD, PhD**

**Lisa Gu, MD**

**Hooman Heravi, MD**

**Jodi Jones, MD**

**Peiman Lahsaei, MD**

**Mitchell Lin, MD**

**Kathy Nguyen, RCS**

**Le Nguyen, MD**

**Hassan Rayaz, MD**

**Jake Rice, MD**

**Samantha Stamper, MD, MEd**

**Jonathan Stubblefield, MD**

**Kristina Sweeney, RDCS**

**Andrew Tomlinson, MD**

**Jennifer Walker, MD**

**Craigreon Wallace, PA-C**

**Jeremy Wong, MD**

**Crystal Nadeau (Planner)**

**Brian Frasure (Planner)**

**Mark Vinciguerra (CME Planner)**

### **DISCLOSURE OF FINANCIAL RELATIONSHIPS**

As an organization accredited by the Accreditation Council for Continuing Medical Education (ACCME), The UT Southwestern Medical Center Office of Continuing Medical Education requires that the content of CME activities and related materials provide balance, independence, objectivity, and scientific rigor. Planning must be free of the influence or control of any ineligible company, and promote improvements or quality in healthcare. In accordance with ACCME's Standards for Integrity and Independence in Accredited Continuing Education, all persons in the position to control the content of an education activity are required to disclose all financial relationships in any amount occurring within the past 24 months with any ineligible company producing, marketing, selling, re-selling, or distributing health care goods or services consumed by, or used on patients. UT Southwestern also considers ineligible those companies producing, marketing, selling, re-selling, or distributing healthcare products in development for future use on patients, such as healthcare product research companies. All reported financial relationships with ineligible companies are reviewed for relevancy and then mitigated through a content review process prior to the activity (where applicable).

**The "Conference Faculty" list above includes all individuals contributing to the educational content of this activity.**

**The following persons reported having financial relationships within the last 24 months:**

<b>NAME</b>	<b>FINANCIAL RELATIONSHIP</b>	<b>INELIGIBLE COMPANY</b>
Ravi Joshi, MD (Planner)	Independent Contractor Financial Stake	Werfen, Inc. (coagulation testing) ROMTech (orthopedic rehabilitation and thereapy)

**All other persons reported having no financial relationships within the last 24 months.**

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**AGENDA**

8:30am Registration and Breakfast

**Didactic Lectures**

9:00-9:30	The Physics of Ultrasound	[Hooman Heravi, MD]
9:30-10:00	Upper Extremity Brachial Plexus Blocks	[Lisa Gu, MD]
10:00-10:30	Focused Cardiac Ultrasound	[Jodi Jones MD]
10:30-11:00	Lower Extremity Nerve Blocks	[Jeremy Wong, MD]
11:00-11:30	Pulmonary Ultrasound	[Andrew Tomlinson, MD]
11:30-12:00	Truncal Blocks	[Samm Stamper, MD]

**Lunch and Learn**

12:00-12:30	Abdominal Ultrasound	[Christopher Choi, MD]
12:30-1:00	Chest Wall Blocks	[Hassan Rayaz, MD]

**Hands-On Ultrasound**

1:00-3:30	Skills Practice
2:00	Coffee Break
3:30pm	Closing Remarks and Adjourn