

# **Ultrasound-Guided Nerve Blocks for Emergency Medicine Applications - Virtual Conference**

March 19, 2024

Tuesday, March 19, 2024		
7:30	Welcome	
7:45	Interactive Polling Session	
8:00	Overview, Indications & Applications for US-Guided Nerve Blocks  Types & Anatomic Territories  Nerves on Ultrasound  Local Anesthetic Agent Choices  Needles & Supplies  Procedural Pointers	Andreas Dewitz, MD, RDMS, FACEP
8:45	<ul> <li>Ultrasound-Guided Nerve Blocks: Upper Extremity</li> <li>Interscalene Brachial Plexus</li> <li>Supraclavicular Brachial Plexus</li> <li>Infraclavicular Brachial Plexus</li> <li>Axillary Brachial Plexus &amp; Musculocutaneous</li> <li>Hand: Median, Ulnar, &amp; Radial</li> <li>Forearm Nerves</li> <li>Superficial Cervical Plexus</li> <li>Greater Auricular Nerve</li> </ul>	
9:50	Break	
10:00	Upper Extremity Case Studies	Charlotte Derr, MD, RDMS, FACEP, FPD-AEMUS
10:30	Ultrasound-Guided Nerve Block: Lower Extremity  Femoral Nerve  Fascia Iliaca Compartment  Saphenous Nerve  Sciatic Nerve  Popliteal Sciatic  Foot & Ankle Nerves	Andreas Dewitz, MD, RDMS, FACEP
11:30	Truncal & Miscellaneous Blocks  TAP  PEC I, Pec II and Serratus Anterior  Erector Spinae & Intercostal  Others: Greater Occipital, Dorsal Penile, & Lipoma Plane	
12:00	Lower Extremity Case Studies	Charlotte Derr, MD, RDMS, FACEP, FPD-
12:20	Billing and Coding	AEMUS
12:35	Interactive Polling Session	
12:45	Adjourn	

<sup>\*\*</sup> This is a tentative course itinerary. Lecture faculty, times and dates may be subject to change. Times listed are Eastern Time (ET).



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The Gulfcoast Ultrasound Institute is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Gulfcoast Ultrasound Institute designates this internet live educational activity for a maximum of 4.0 AMA PRA Category 1 credit<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the educational activity.

#### **NEEDS STATEMENT:**

The planning committee has determined a need for the following educational activity based on request from the medical community, expanded utilization of ultrasound, and lab accreditation requirements.

#### **Course Objectives:**

At the completion of this program the participant should be able to:

- 1. Increase the participants' knowledge and competence to perform ultrasound-guided nerve blocks for emergency medicine applications.
- 2. List the advantages of using ultrasound-guided nerve block techniques.
- 3. State imaging techniques for performing ultrasound-guided upper and lower extremity nerve
- 4. State imaging techniques for performing ultrasound-guided truncal and miscellaneous nerve blocks.
- 5. Increase confidence to incorporate protocols, scan techniques, and interpretation criteria to integrate the skills learned into clinical practice.

While offering CME credits this activity is not intended to provide extensive training or certification for the performance or interpretation of Ultrasound-Guided Nerve Blocks for Emergency Medicine Applications. We recommend working under supervision until an accepted level of proficiency has been achieved.

No financial commercial support or educational grants were received for this activity and no "in-kind" commercial support is provided as no "hands-on" instruction is performed.

## Disclosure of Relevant Financial Relationships with Commercial Companies/Organizations

Gulfcoast Ultrasound Institute, Inc. endorses the standards and essentials of the Accreditation Council for Continuing Medical Education for activities and the speakers at these activities disclose relevant financial relationships with commercial companies.

Speakers having relevant financial relationships include receiving from a commercial company research grants, consultancies, honorarium and travel, or having a self-managed equity interest in a company.

#### **FACULTY:**

#### Charlotte Derr, MD, RDMS, FACEP, FPD-AEMUS

Associate Professor of Emergency Medicine Fellowship Director of Advanced Emergency Medicine Ultrasound Fellowship Program University of South Florida Morsani College of Medicine Tampa, FL

No relevant financial relationships to disclose

#### Andreas Dewitz, MD, RDMS, FACEP

Clinical Professor of Emergency Medicine
Clinical Director, POCUS Education: Solomont Simulation Center
Department of Emergency Medicine
Boston Medical Center
Boston, MA
No relevant financial relationships to disclose

All presentations for this CME activity were reviewed and approved by member(s) of the GUI staff to determine content validity and ensure that no conflicts of interest exist prior to final course material compilation and printing.

#### Disclosure of Individuals in Control of Content

In addition to the faculty listed on the previous page the following individuals are recognized by GUI as being in control of content of this program:

#### James Mateer, MD, RDMS (Medical Director-planner & QI Task Force)

Medical Director, Gulfcoast Ultrasound Institute Milwaukee. WI

No relevant financial relationships to disclose

#### Charlotte Derr, MD, RDMS, FACEP, FPD-AEMUS (Co-Medical Director-planner & QI Task Force)

Associate Professor of Emergency Medicine

Fellowship Director of Advanced Emergency Medicine Ultrasound Fellowship Program

University of South Florida Morsani College of Medicine

Tampa, FL

No relevant financial relationships to disclose

#### Andreas Dewitz, MD, RDMS (Member of Advisory Board & QI Task Force Subcommittee)

Clinical Professor of Emergency Medicine

Clinical Director of POCUS Education, Solomont Simulation Center

Department of Emergency Medicine

**Boston Medical Center** 

Boston, MA

No relevant financial relationships to disclose

#### Lori Green, BA, RDMS, RDCS, RVT (Program Director-planner, Content Reviewer, QI Task Force)

Gulfcoast Ultrasound Institute, Inc.

St. Petersburg, FL

No relevant financial relationships to disclose

#### Trisha Reo, AAS, RDMS, RVT (Program Coordinator-planner, Content Reviewer, QI Task Force)

Gulfcoast Ultrasound Institute, Inc.

St. Petersburg, FL

No relevant financial relationships to disclose

#### **HANDS-ON INSTRUCTORS:**

No hands-on instruction is performed for this course.

#### Content:

All content for this CME activity were reviewed and approved by member(s) of the GUI staff to determine content validity and ensure that no conflicts of interest exist prior to final course material compilation and printing.

#### Reviewed & approved:

Lorí Green BA, RDMS, RDCS, RVT Trísha Reo, AS, RDMS, RVT