



Private Hands-On Scanning: Ultrasound-Guided Vascular Access

Hands-On Instructor:

Day One		
9:00 am	Hands-On Scanning – Session 1 Model 1:	Central Line Access
10:00 am	Hands-On Scanning – Session 2 Model :	Peripheral Line Access
11:00 am	Hands-On Scanning – Session 3 Model: Phantom	Phantom
12:00 pm	Lunch	
12:45 pm	Hands-On Scanning – Session 4 Model 2:	Central Line Access
1:45 pm	Hands-On Scanning – Session 5 Model	Peripheral Line Access
2:45 pm	Hands-On Scanning – Session 6 Model 3:	Central Line Access
3:45 pm	Hands-On Scanning – Session 7 Model	Peripheral Line Access + phantom
4:45 pm	Adjourn	

HANDS-ON INSTRUCTORS:

At the time of printing **all hands-on instructors for this program have signed disclosure forms and have no relevant financial relationships to disclose.** A verbal disclosure will be made during opening remarks. All scanning sessions are monitored by the program director and/or the program manager to ensure education objectives are met and no commercial bias occurs.



Private Hands-On Scanning: Ultrasound-Guided Vascular Access

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 live educational activity for a maximum of 7.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the 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 the program, the participant should be able to:

1. Explain the basic imaging principles of ultrasound used during guidance of vascular access.
2. Discuss the advantages and disadvantages of the "In-Plane" and "Out-of-Plane" and the "Direct" vs. "Indirect" ultrasound-guided vascular access techniques.
3. Differentiate venous vs. arterial anatomy by ultrasound.
4. Relate ultrasound imaging characteristics of vessels and contiguous anatomy that indicate suitable approach for vascular access.
5. Identify ultrasound imaging characteristics of thrombus or thrombophlebitis changes or other conditions that would indicate a vessel is not suitable for vascular access.
6. Demonstrate the use of ultrasound guidance for Peripheral Line vascular access.
7. Increase the participant's knowledge to better perform ultrasound-guided vascular access procedures.

While offering CME credits this activity is not intended to provide extensive training or certification for the performance or interpretation of ultrasound-guided vascular access procedures and ultrasound-guided regional anesthesia. We recommend working under supervision until an accepted level of proficiency has been achieved.

A special thanks to the following ultrasound equipment manufacturers who provide various (in kind) equipment support to help make our programs possible (companies listed are as of the time of printing).



Private Hands-On Scanning: Ultrasound-Guided Vascular Access

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 (Co-Medical Director-planner & QI Task Force)

Assistant Professor of Emergency Medicine &
Fellowship Director of Emergency Medicine
Ultrasound Fellowship Program
University of South Florida Medical School
Tampa, FL

No relevant financial relationships to disclose

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

Associate Professor of Emergency Medicine
Vice Chair of Ultrasound Education
Boston Medical Center
Boston, MA

No relevant financial relationships to disclose

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

Gulfcoast Ultrasound Institute, Inc.
St. Petersburg, FL

No relevant financial relationships to disclose

Brian Schenker, MBA, RDMS, RVT (Program Coordinator-planner, Content Reviewer, QI Task Force)

Gulfcoast Ultrasound Institute, Inc.
St. Petersburg, FL

No relevant financial relationships to disclose

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:

Lori Green BA, RT, RDMS, RDCS, RVT

 MBA, RDMS, RVT