



Introduction to Emergency Medicine Ultrasound – Virtual Conference

September 11 – 13, 2023

Monday, September 11, 2023		
7:30	Welcome	
7:45	Interactive Polling Session	
8:00	Imaging Fundamentals	Lori Green, BA, RDMS, RDCS, RVT
8:45	Break	
8:55	OB-GYN Anatomy/Exam	James Mateer, MD, RDMS
9:45	Break	
9:55	Ectopic Pregnancy	James Mateer, MD, RDMS
10:40	Break	
10:50	OB Cases + Abortion	James Mateer, MD, RDMS
11:50	Break	
11:55	Fundamentals of Needle Guidance	James Mateer, MD, RDMS
12:30	Break	
12:45	Optional Video Lecture: PID & Masses	James Mateer, MD, RDMS
1:30	Adjourn	

Tuesday, September 12, 2023		
7:20	Welcome (for our Critical Care track participants)	
7:30	Interactive Polling Session	
7:45	Ultrasound-Guided Central Vascular Access	David Bahner, MD, RDMS, FACEP
8:45	Break	
9:00	Abdominal Scanning Fundamentals	Trisha Reo, AAS, RDMS, RVT
10:00	Break	
10:05	FAST + e-fast	David Bahner, MD, RDMS, FACEP
11:05	Break	
11:15	Focused 2D Cardiac Exam (F.A.T.E.)	James Mateer, MD, RDMS
12:15	Break	
12:30	Optional Video Lecture: Abscess & Joint Aspiration	James Mateer, MD, RDMS
1:30	Adjourn	

Wednesday, September 13, 2023		
7:45	Biliary & Renal Colic	Andrew Laudenschach, MD
8:30	AAA & Case Studies	James Mateer, MD, RDMS
9:00	Break	
9:05	Evaluation of DVT	David Bahner, MD, RDMS, FACEP
9:40	Evaluation of Cardiac Arrest, Shock & Hypotension	
10:40	Break	
10:50	Ultrasound-Guided Procedures: Pericardiocentesis, Paracentesis, Hemothorax, Lumbar Puncture	Alexander Levitov, MD, RDCS, FCCM, FCCP
11:45	Interactive Polling Session with discussion	
12:00	Adjourn	

** This is a tentative course itinerary. Lecture faculty, times and dates may be subject to change.



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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 12.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This course also meets CME / CEU requirements for ARDMS. Note: While offering the CME credit hours noted above, activities are not intended to provide extensive training or certification for exam performance or interpretation.

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. Increase participant's knowledge to better perform and/or interpret Emergency ultrasound examinations
2. State the basic fundamentals of ultrasound physics and demonstrate appropriate optimization of system controls.
3. Perform ultrasound evaluation of the trauma patient (E-FAST exam) and pneumothorax.
4. Demonstrate scan protocols for focused evaluation of the abdomen, aorta, female pelvis and adult heart.
5. State an algorithm for uses of bedside ultrasound during cardiac arrest, shock & hypotension.
6. Demonstrate image orientation, transducer preparation, and scan protocols for performing use of ultrasound guidance for vascular access, pericardiocentesis, paracentesis, hemothorax, lumbar puncture, ET placement.
7. Demonstrate protocol for focused evaluation of DVT.
8. Differentiate normal/abnormal image characteristics of the abdomen, female pelvis, first trimester OB, and ectopic pregnancy.
9. Increase competence to incorporate protocols, scan techniques, and interpretation criteria into clinical practice.

While offering CME credit hours this activity is not intended to provide extensive training or certification for performance of or interpretation of Emergency Ultrasound Examinations. We recommend working under supervised conditions until an acceptable 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.



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Disclosure of Relevant Financial Relationships with Commercial Companies/Organizations

Gulfoast 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 significant relationships with commercial companies.

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

FACULTY:

James Mateer, MD, RDMS
Clinical Professor, Emergency Medicine
Medical College of Wisconsin
Milwaukee, WI

No relevant financial relationships to disclose

**Alexander Levitov, MD, FCCM, FCCP, RDCS
(GUI QI Task Force Subcommittee)**
Professor of Medicine
Eastern Virginia Medical School
Norfolk, VA

No relevant financial relationships to disclose

Lori Green, BA, RDMS, RDCS, RVT
Program Director
Gulfoast Ultrasound Institute, Inc.
St. Petersburg, FL

No relevant financial relationships to disclose

Trisha Reo, AAS, RDMS, RVT
Program Coordinator
Gulfoast Ultrasound Institute, Inc.
St. Petersburg, FL

No relevant financial relationships to disclose

David Bahner, MD, RDMS, FACEP
Professor and Director of Ultrasound
Emergency Medicine
Ohio State University
Columbus, Ohio

No relevant financial relationships to disclose

Andrew Laudenschick, MD
Ultrasound Fellowship Director
Clinical Informaticist
Associate Professor of Emergency Medicine
Department of Emergency Medicine
Hennepin Healthcare
Minneapolis, MN

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.



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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, 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:

Lori Green, BA, RDMS, RDCS, RVT

Trisha Reo, AAS, RDMS, RVT