



Pediatric Emergency Medicine & Critical Care Ultrasound Virtual Conference

June 4 – 5, 2026

This program includes a Pre-course Online Video: Imaging Fundamentals – The Basics by Lori Green, BA, RDMS, RDCS, RVT. Login to your GCUS account and navigate to “My Activities” to complete this **prior** to the course.

Thursday, June 4, 2026		
9:30	Welcome & Introductions	
9:45	Interactive Pre-Course Polling Session	
10:00	Focused Genitourinary Ultrasound in the Pediatric Emergency Patient	Bret Nelson, MD, RDMS, FACEP
10:45	Scrotal Ultrasound in the Pediatric Emergency Patient	
11:30	Break	
11:45	Focused Assessment with Sonography in Trauma (FAST) in the Pediatric Patient	
12:30	Adjourn for Lunch	
1:30	Focused Cardiac Ultrasound in the Pediatric Emergency Patient	Bret Nelson, MD, RDMS, FACEP
2:15	Break	
2:30	Rapid Ultrasound for Shock & Hypotension (RUSH) in the Pediatric Patient	
3:30	Ultrasound Evaluation for DVT in the Pediatric Emergency Patient	
4:15	Adjourn	

Friday, June 5, 2026		
9:45	Welcome Back, Announcements, & Introduction	
10:00	GI Tract Ultrasound in the Pediatric Emergency Patient	Stephanie Doniger, MD, RDMS, FAAP, FACEP
10:45	Ultrasound-Guided Procedures in the Pediatric Emergency Patient	
11:30	Break	
11:45	Soft Tissue and MSK Ultrasound in the Pediatric Emergency Patient	
12:30	Adjourn for Lunch	
1:30	Advanced Thoracic Ultrasound in the Pediatric Emergency Patient	Stephanie Doniger, MD, RDMS, FAAP, FACEP
2:15	Break	
2:30	Head & Neck Ultrasound in the Pediatric Emergency Patient	
3:15	Pediatric Emergency Medicine & Critical Care Ultrasound Interactive Cases	
4:15	Interactive Post-Course Polling Session	
4:30	Adjourn	

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



Pediatric Emergency Medicine & Critical Care Ultrasound Virtual Conference

June 4 – 5, 2026

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

The Gulfoast Ultrasound Institute designates this internet live educational activity for a maximum of 11.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Gulfoast Ultrasound Institute designates an additional 1.25 *AMA PRA Category 1 Credits™* for the enduring educational activity "Imaging Fundamentals – The Basics". Physicians should claim only credit commensurate with the extent of their participation in the educational 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 requests 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 the participant's knowledge to better perform and/or interpret Echocardiography examinations.
2. Demonstrate proper transducer manipulation and system optimization to produce diagnostic images (sonographer) and recognize potential imaging errors (Physician).
3. Demonstrate routine scan protocols to evaluate an adult patient using 2D/M-Mode/Color Flow & Doppler echocardiographic techniques.
4. Perform standard 2D, M-Mode and Doppler measurements
5. Identify normal/abnormal characteristics of 2D cardiac anatomy.
6. State the role of cardiac Doppler and list the necessary qualitative/quantitative measurements.
7. Identify the ultrasound findings associated with valvular heart disease, cardiomyopathies, ischemic heart disease, pericardial disease, and prosthetic valves.
8. List the latest imaging techniques in quantification of right and left ventricle wall motion.
9. List the steps necessary for system optimization during contrast echo imaging.
10. Increase confidence to incorporate protocols, techniques & interpretation criteria to improve diagnostic/treatment accuracy.

While offering CME credit this activity is not intended to provide extensive training or certification for interpretation of Ultrasound Examinations. We recommend working under supervised conditions until an accepted level of proficiency has been achieved.

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



Pediatric Emergency Medicine & Critical Care Ultrasound Virtual Conference

June 4 – 5, 2026

Disclosure of Presence/Absence of Relevant Financial Relationships with Ineligible Companies for Individuals in Control of Content

Gulfcost Ultrasound Institute, Inc. endorses the Standards for Integrity and Independence in Accredited Continuing Education of the Accreditation Council for Continuing Medical Education (ACCME) for all activities. All individuals in control of content are required to disclose any financial relationships with ACCME defined ineligible companies, regardless of the amount. Full disclosure of the presence or absence of relevant financial relationships with ineligible companies is outlined in the course materials and will be verbally disclosed to all learners during opening remarks.

FACULTY:

Bret Nelson, MD, RDMS, FACEP

Assistant Professor of Emergency Medicine
Director of Emergency Ultrasound
Department of Emergency Ultrasound
Mount Sinai School of Medicine
Mount Sinai Medical Center
New York, NY

No relevant financial relationships to disclose

Stephanie Doniger, MD, RDMS, FAAP, FACEP

Pediatric Emergency Medicine Physician.
Brooklyn, NY.
GUI QI Task Force Subcommittee

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 commercial bias exists prior to final course material compilation and printing.

Reviewed & approved:

Lori Green, BA, RDMS, RDCS, RVT

Trisha Reo, AAS, RDMS, RVT

Mark Swanson, RDMS, RVT



Pediatric Emergency Medicine & Critical Care Ultrasound Virtual Conference

June 4 – 5, 2026

Disclosure of Presence/Absence of Relevant Financial Relationships with Ineligible Companies for 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)

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

Mark Swanson, RDMS, RVT (Senior Clinical Instructor/Product Specialist-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.