Introduction to
Adult Echocardiography - Virtual Conference
May 17th – 21st, 2027

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

Monday, May 17th, 2027		
7:45	**Welcome**	
8:00	**Interactive Polling Session**	
8:15	**Anatomy of the Heart and the EKG**	**Christie Jordan, BS, ACS, RDCS, RCS, RCIS, FASE**
9:00	**Break**	
9:10	**The 2D Evaluation of Cardiac Anatomy - The Parasternal Window**	
10:15	**Break**	
10:30	**The 2D Evaluation of Cardiac Anatomy – Apical and Subcostal Windows**	
11:15	**The 2D Evaluation of Cardiac Anatomy - Suprasternal Notch**	
11:30	**Live Demonstration: The Parasternal Long Axis & Short Axis**	
12:00	**Adjourn**	

Tuesday, May 18th, 2027		
8:00	**2D Measurements and Normal Values**	**Christie Jordan, BS, ACS, RDCS, RCS, RCIS, FASE**
9:00	**Break**	
9:05	**Doppler Fundamentals**	**Steven Walling, BS, ACS, RCS, RDCS, FASE**
9:50	**Break**	
10:05	**Introduction to Cardiac Doppler**	
10:50	**Comprehensive 2D Exam**	
11:50	**Adjourn**	

Wednesday, May 19th, 2027		
8:00	**Mitral Valve**	**Steven Walling, BS, ACS, RCS, RDCS, FASE**
9:10	**Break**	
9:25	**Aortic Valve**	
10:35	**Break**	
10:50	**Coronary Heart Disease**	
12:00	**Adjourn**	

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Thursday, May 20th, 2027		
8:00	**Doppler Evaluation of MVD**	**Daniel Bourque, MS, ACS, RCS, FASE**
9:30	**Stretch Break**	
9:35	**Doppler Evaluation of AVD**	
11:00	**Break**	
11:10	**Right Heart Disease**	
12:15	**Adjourn**	

Friday, May 21st, 2027		
7:45	**Cardiomyopathies**	**Daniel Bourque, MS, ACS, RCS, FASE**
9:15	**Break**	
9:25	**Prosthetic Valves**	
10:10	**Break**	
10:20	**Diastolic Function**	
11:00	**Pericardial Disease**	
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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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 20.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Gulfcoast 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. Outline proper transducer manipulation and system optimization to produce diagnostic images (sonographer) and recognize potential imaging errors (Physician).
3. State routine scan protocols to evaluate an adult patient using 2D/M-Mode/Color Flow & Doppler echocardiographic techniques.
4. List 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, and pericardial disease.
8. List the latest imaging techniques in quantification of right and left ventricle wall motion.
9. 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 Cardiac Ultrasound Examinations. We recommend working under supervised conditions 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.

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

Gulfcoast 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:

Daniel Bourque, MS, ACS, RCS, FASE
Program Director
Orlando Health School of Cardiac Ultrasound
Orlando Regional Medical Center
Orlando, FL
No relevant financial relationships to disclose

Christie Jordan, BS, ACS, RDCS, RCS, RCIS, FASE
Cardiovascular Technology Faculty Program Director
Florida State College at Jacksonville
Jacksonville, FL
No relevant financial relationships to disclose

Steven Walling, BS, ACS, RCS, RDCS, FASE
Director and Clinical Coordinator
Hoffman Heart School of Cardiovascular Technology
Trinity Health Of New England Corporation, Inc.
Hartford, CT
No relevant financial relationships to disclose

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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, 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.
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No relevant financial relationships to disclose

Trisha Reo, AAS, RDMS, RVT (Program Coordinator-planner, Content Reviewer, QI Task Force)
Gulfcoast Ultrasound Institute, Inc.
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Mark Swanson, RDMS, RVT (Senior Clinical Instructor/Product Specialist-planner, Content Reviewer, QI Task Force)
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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.

HANDS-ON INSTRUCTORS:
No hands-on instruction is performed for this course.

Reviewed & approved: 4/6/2026
Lori Green, BA, RDMS, RDCS, RVT
Trisha Reo, AAS, RDMS, RVT
Mark Swanson, RDMS, RVT