



Introduction to Adult Echocardiography - Virtual Conference

April 29 – May 3, 2024

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.

Monday, April 29, 2024		
7:45	Welcome	
8:00	Interactive Polling Session	
8:15	Anatomy of the Heart and the ECG	Christie Jordan, BS, 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, April 30, 2024		
7:45	Welcome Back	
8:00	2D Measurements and Normal Values	Christie Jordan, BS, 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 1, 2024		
7:45	Welcome Back	
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 2, 2024		
7:45	Welcome Back & Introduction	
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 3, 2024		
7:45	Welcome Back	
8:00	Cardiomyopathies	Daniel Bourque, MS, ACS, RCS, FASE
9:00	Prosthetic Valves	
10:00	Break	
10:15	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.

Attention! This course includes the following post-course online training video (non-CME): “Echocardiographic Evaluation of Pericardial Effusions & Cardiac Masses” by Daniel Bourque, MS, ACS, RCS, FASE. Following the completion of this course, login to your account at gcus.com and navigate to “My Activities” to complete this video **within 2 weeks post-course**. **Access to this online video is limited to 2 weeks, beginning the day after the course ends.**



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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 20.0 *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:

- Increase the participant's knowledge to better perform and/or interpret Echocardiography examinations.
- Outline proper transducer manipulation and system optimization to produce diagnostic images (sonographer) and recognize potential imaging errors (Physician).
- State routine scan protocols to evaluate an adult patient using 2D/M-Mode/Color Flow & Doppler echocardiographic techniques.
- List standard 2D, m-mode and Doppler measurements
- Identify normal/abnormal characteristics of 2D cardiac anatomy.
- State the role of cardiac Doppler and list the necessary qualitative/quantitative measurements.
- Identify the ultrasound findings associated with valvular heart disease, cardiomyopathies, ischemic heart disease, cardiac masses and pericardial disease.
- List the latest imaging techniques in quantification of right and left ventricle wall motion. Document findings and apply standardized guidelines during compilation of an Echocardiography worksheet (sonographer) and dictated report (Physician).
- 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 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 relationships with commercial companies or organizations.

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

FACULTY:

Daniel Bourque, MS, ACS, RCS, FASE

Orlando Regional Medical Center
Orlando, FL

No relevant financial relationships to disclose

Christie Jordan, BS, 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

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, 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

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:

Lori Green, BA, RDMS, RDCS, RVT

Trisha Reo, AAS, RDMS, RVT