



# Adult Echocardiography Registry Review- Virtual Conference February 11, 2022

*Virtual Conference Presented By: Christie Jordan, BS, RDCS, RCS, RCIS, FASE*

Friday, February 11, 2022	
8:30	Welcome and Introductions
8:45	Review of Pre-course Online Video: Applying the Physics of Ultrasound
9:30	Preparing for the Echocardiographic Procedure
9:50	Performing Echocardiographic Imaging
11:05	Break
11:15	Valvular Heart Disease: Part 1
12:15	Mock Exam 1 & QA Session
12:45	Lunch – Remember to log out of the am session and log in to the pm session
1:15	Valvular Heart Disease: Part 2
2:00	Ischemic Heart Disease, Cardiomyopathies & Pericardial Disease
3:00	5-minute stretch Break
3:05	Cardiac Tumors, Aortic Dissection & Systemic & Pulmonary Hypertensive HD
3:35	Congenital Heart Defects and Miscellaneous Diseases
4:05	Post Procedural Activities
4:30	Mock Exam 2 & QA Session
5:00	Adjourn

\* Note: Each lecture will be followed by a 5 min interactive QA session. Questions may be submitted at any time using the “Question” tab in your control panel or can be asked audibly (requires your computer to have a microphone) during the QA session by using the raise your hand feature once the QA session begins.

\*\* This is a tentative course itinerary. Lecture faculty, times and dates may be subject to change. Times listed are Eastern Time (ET).

Includes Pre-course Online Video: Applying the Physics of Ultrasound by Christie Jordan, BS, RDCS, RCS, RCIS, FASE



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The 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 8.0 *AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the educational activity.

The Gulfoast Ultrasound Institute designates an additional 2.0 *AMA PRA Category 1 Credits™* for the internet activity enduring material "Applying the Physics of Ultrasound". 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 request from the medical community, expanded utilization of ultrasound, and lab accreditation requirements and scope of practice requirements for sonographers and technologists.

## **Course Objectives**

1. Increase the participants' knowledge to better perform and/or interpret cardiac ultrasound examinations.
2. Apply knowledge of the cardiac anatomy and corresponding cardiac physiology of the systemic & pulmonary circulation to perform routine scan protocols for adult echocardiography.
3. Differentiate normal and abnormal imaging characteristics of the adult cardiac ultrasound examination.
4. Cite commonly seen valvular pathology based upon their characteristic appearance and Doppler signature and/or quantitative diagnostic criteria.
5. Recognize cardiac pathology commonly diagnosed by echocardiography such as pericardial disease, Cardiomyopathies, CAD (ischemic disease), pulmonary hypertension and congenital heart disease.
6. Apply quality assurance and the relationship of specificity, sensitivity and overall accuracy of cardiac ultrasound examination test validation.
7. Define areas of weakness that require additional self-study to successfully pass your cardiac technology ultrasound board examination. (RDCS or RCS)

While offering CME credits this activity is not intended to provide extensive training or certification for performing or interpreting echocardiography. 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**

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 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:**

#### **Christie Jordan, BS, RDCS, RCS, RCIS, FASE**

Cardiovascular Technology Faculty Program Director  
Florida State College at Jacksonville  
Jacksonville, Florida

***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)**

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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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**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*