



# Advanced OB/Gyn Ultrasound Applications: A Virtual Symposium

October 25, 2024

Friday, October 25, 2024		
12:45	Welcome	
1:00	OB Ultrasound – 1 <sup>st</sup> Trimester Anatomy	Jane Burns, AS, RDMS, RT
2:00	Break	
2:15	Optimizing the Fetal Echocardiogram	Emily Downs, M.Ed., BS, RDMS, RDCS, RVT, RT
3:15	Break	
3:30	Ultrasound Evaluation of the Fetal Head	Jane Burns, AS, RDMS, RT
4:30	Adjourn	

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



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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 3.0 *AMA PRA Category 1 Credit™*. Physicians should claim only the 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:**

At the completion of the program the participant should be able to:

1. Recognize proper ultrasound scan planes and landmarks useful in the first trimester
2. Identify different segments of midline brain structures
3. Identify all components required for proper evaluation of the fetus in the 1<sup>st</sup> trimester
4. List which current screening tests provide the most information (**NIPT**)
5. Recall indications and equipment used for a fetal echocardiogram
6. Describe the basic views included in a fetal echocardiogram
7. List ways to optimize specific 2D, color and pulsed wave images included in the fetal echocardiogram
8. Identify fetal head anatomy in the 2nd and 3rd trimester
9. Recognize different segments of forebrain, midbrain, and hindbrain
10. Identify main fissures and sulci seen with ultrasound
11. Understand the normal flow of CSF through fetal brain

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

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### **FACULTY:**

#### **Emily Downs, M.Ed., BS, RDMS, RVT, RDCS, RT**

University of Colorado Hospital  
Diagnostic Medical Sonography Program of Denver  
Denver, CO

***No relevant financial relationships to disclose***

#### **Jane J.K. Burns, AS, RT, RDMS**

MFM Ultrasound Manager/Educator  
Houston, TX

***No relevant financial relationships to disclose***



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*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)**

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***No relevant financial relationships to disclose***

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

Reviewed & approved: 09/30/2024

*Lori Green BA, RDMS, RDCS, RVT*

*Trisha Reo AAS, RDMS, RVT*

*Mark Swanson, RDMS, RVT*