



Introduction to  
**Abdominal/Primary Care and OB/GYN**  
**Ultrasound – Virtual Conference**  
 November 8 – 12, 2021

Monday, November 8, 2021		
7:30	Welcome and Introductions	
7:45	Interactive Polling Session	
8:00	Imaging Fundamentals	Lori Green, BA, RDMS, RDCS, RVT
8:45	Break	
9:00	Abdominal Anatomy/Scan Techniques	Trisha Reo, AAS, RDMS, RVT
9:45	Abdominal Aorta	Lori Green, BA, RDMS, RDCS, RVT
10:15	Break	
10:30	Liver Sonography	Emily Downs, BS, RDMS, RVT, RDCS, RT
11:30	Break	
11:45	Gallbladder and Biliary Tree Sonography	
12:30	Lunch	
1:30	Liver Pathology	Emily Downs, BS, RDMS, RVT, RDCS, RT
2:30	Adjourn	

Tuesday, November 9, 2021		
7:45	Announcements	
8:00	Gallbladder & Biliary Tree Pathology	Emily Downs, BS, RDMS, RVT, RDCS, RT
8:30	Spleen Sonography	Trisha Reo, AAS, RDMS, RVT
9:00	Break	
9:15	Pancreas Sonography	Emily Downs, BS, RDMS, RVT, RDCS, RT
10:15	Renal Sonography	
11:15	Break	
11:30	Abdominal Case Studies	
12:30	Lunch	
1:30	Scrotal / Testicular Sonography	Emily Downs, BS, RDMS, RVT, RDCS, RT
2:30	Adjourn	

Wednesday, November 10, 2021		
7:45	Announcements & Introductions	
8:00	The EFAST Exam (Trauma)	Charlotte Derr, MD, RDMS, FACEP
8:45	Break	
9:00	Soft Tissue & MSK Applications	
9:45	Break	
10:00	US Evaluation of the Appendix & GI Tract	
10:40	Break	
10:50	Thyroid Ultrasound	Emily Downs, BS, RDMS, RVT, RDCS, RT
11:30	Interactive Case Studies: Part 1	Charlotte Derr, MD, RDMS, FACEP
12:15	Lunch	
1:30	Abdominal Case Studies Part 2	Charlotte Derr, MD, RDMS, FACEP
2:15	Interactive Polling with discussion	
2:30	Adjourn	



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Thursday, November 11, 2021		
7:30	Welcome and Introductions	
7:45	Interactive Polling Session	
8:00	GYN Anatomy	Emily Downs, BS, RDMS, RVT, RDCS, RT
9:00	Break	
9:15	Scan Protocol (TAS & TV)	
10:45	Break	
11:00	GYN pathology / Case Studies	
12:00	Lunch	
1:00	First Trimester Ultrasound & Case Studies	Emily Downs, BS, RDMS, RVT, RDCS, RT
2:45	Adjourn	

Friday, November 12, 2021		
7:30	Announcements & Introductions	
7:45	Maternal Survey and Biometry	Jane Burns, AS, RT, RDMS
8:50	Break	
9:00	Fetal Anatomy Survey	
9:40	Break	
9:50	BPP and Multiple Gestations	
10:40	Break	
10:50	Fetal Abnormalities: Part I	Ahmed Al-Malt, MD
12:00	Lunch	
12:45	Fetal Abnormalities: Part II	Ahmed Al-Malt, MD
1:45	Interactive Polling Session	
2:00	OB Case Studies	Ahmed Al-Malt, MD
3:30	Adjourn	

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



# Introduction to Abdominal/Primary Care and OB/GYN Ultrasound – Virtual Conference November 8 – 12, 2021

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 26.0 *AMA PRA Category 1 Credits*™. Physicians should claim only credit commensurate with the extent of their participation in the 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.

## **COURSE OBJECTIVES:**

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

1. Increase participant's knowledge to better perform and/or interpret abdominal and OB/GYN examinations.
2. Demonstrate proper transducer manipulation and system optimization to produce diagnostic images.
3. Perform scan protocols and routine measurements that are utilized during an abdominal and OB/GYN ultrasound evaluation.
4. Identify normal/abnormal imaging characteristics of the liver, gallbladder, pancreas, spleen, kidneys and abdominal vasculature.
5. Cite Doppler/color physics principles and be able to (sonographers) apply these principles to optimize system controls or (physicians) utilize this information for identifying technical errors which may result in misdiagnosis (optional lecture).
6. Demonstrate routine examination protocols associated with the ultrasound evaluation of renal artery stenosis (optional lecture).
7. Differentiate normal/abnormal characteristics for the evaluation of the thyroid, testes/scrotum, appendix, and soft tissue pathology.
8. Demonstrate routine scan protocols for performing transabdominal & endovaginal GYN scanning, and 1st trimester obstetric applications.
9. State the normal and abnormal imaging characteristics of the ovaries and uterus and differentiate commonly seen pathology.
10. List the indications and ultrasound findings for suspicion of an ectopic pregnancy.
11. Apply appropriate measurement techniques to assess fetal dates and appropriate fetal development.
12. Recognize normal fetal anatomy, commonly seen fetal abnormalities and their corresponding ultrasound imaging characteristics.
13. Increase confidence to incorporate protocols, scan techniques, and interpretation criteria to improve diagnostic/treatment accuracy.

While offering CME credit hours this activity is not intended to provide extensive training or certification for performance of or interpretation of Abdominal Ultrasound and OB/GYN Examinations. 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.

Disclosure of a relationship is not intended to suggest or condone bias in any presentation but is made to provide participants with information that might be of potential importance to their evaluation of a presentation.

**FACULTY:**

**Charlotte Derr, MD, RDMS, FACEP**

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***

**Ahmed Al-Malt, MD (GUI QI Task Force Subcommittee)**

Associate Professor  
Fetal Diagnostic Center  
Orlando, FL

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

**Emily Downs, BS, RDMS, RVT, RDCS, RT**

Program Director Diagnostic Medical Sonography  
University of Colorado Health  
Aurora, CO

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

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

Ultrasound Educator  
Baylor College of Medicine  
Texas Children's Hospital / Pavilion for Woman  
Houston, TX

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

**Lori Green, BA, RDMS, RDCS, RVT**

Program Director  
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***

*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)**

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.***

Reviewed & approved:

*Lori Green BA, RDMS, RDCS, RVT*

*Trisha Reo AAS, RDMS, RVT*

**HANDS-ON INSTRUCTORS:**

No hands-on instruction is performed for this course.