



# Advanced Ultrasound Applications: A Virtual Symposium

October 24 – 25, 2024

Thursday, October 24, 2024		
<b>AM Session: Advanced Cardiac Ultrasound Applications</b>		
8:45	Welcome	
9:00	Echocardiographic Evaluation of Left Ventricular Assist Device (LVAD)	Daniel Bourque, MS, ACS, RCS, FASE
10:30	Break	
10:45	Strain Imaging Echocardiography	Steven Walling, BS, ACS, RCS, RDCS, FASE
12:15	Lunch	
<b>PM Session: Advanced Vascular Ultrasound Applications</b>		
1:00	Welcome	
1:15	Transcranial Doppler: An Introduction	Shannon York, BS, RVT, RDCS
2:00	Break	
2:15	Ultrasound Evaluation of Hemodialysis Access	Marsha Neumyer, BS, RVT, FSDMS, FSVU, FAIUM
3:15	Break	
3:30	Ultrasound Evaluation of Transplant Organs	Shannon York, BS, RVT, RDCS
4:30	Adjourn	

Friday, October 25, 2024		
<b>AM Session: Advanced Point of Care Ultrasound Applications</b>		
8:45	Welcome	
9:00	POCUS Evaluation of GI Tract & Superficial Structures	Charlotte Derr, MD, FPD-AEMUS, RDMS, FACEP
10:00	Break	
10:15	Gastric Ultrasound for Aspiration Risk Determination (GUARD) Protocol	Allyson Hansen, DO
10:45	Break	
11:00	Fluid Responsiveness in the Critically Ill	Andrew Laudenschach, MD
12:00	Lunch	
<b>PM Session: Advanced OB/Gyn Ultrasound Applications</b>		
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 12.0 *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.

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

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:

#### **Shannon York, BS, RVT, RDCS**

Owner & Trainer  
Sky Vascular Consulting  
Columbia, SC

*No relevant financial relationships to disclose*

#### **Marsha Neumyer, BS, RVT, FSDMS, FSVU, FAIUM**

International Director of Vascular Diagnostic Educational Services  
Director and CEO of Vascular Resource Associates  
Assistant Professor of Surgery at Penn State College of Medicine  
Hershey, PA

*No relevant financial relationships to disclose*

#### **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*

#### **Daniel Bourque, MS, ACS, RCS, FASE**

Orlando Regional Medical Center  
Orlando, 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*

#### **Andrew Laudenschlager, MD**

Ultrasound Fellowship Director  
Clinical Informaticist  
Associate Professor of Emergency Medicine  
Department of Emergency Medicine  
Hennepin Healthcare  
Minneapolis, MN

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#### **Charlotte Derr, MD, RDMS, FACEP, FPD-AEMUS**

Professor of Emergency Medicine  
Fellowship Director of Advanced Emergency Medicine Ultrasound Fellowship Program  
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Tampa, FL

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#### **Allyson Hansen, DO**

Emergency Medicine Ultrasound Program Director  
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#### **Jane J.K. Burns, AS, RT, RDMS**

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

*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.



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## **Disclosure of Presence/Absence of Relevant Financial Relationships with Ineligible Companies for 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:*

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Medical Director, Gulfcoast Ultrasound Institute  
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***No relevant financial relationships to disclose***

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Clinical Professor of Emergency Medicine  
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Reviewed & approved:

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