



# OB/GYN Ultrasound Registry Review July 16 – 17, 2020

Presented by: Salvatore LaRusso, M.Ed., RDMS, RT(R)  
&  
Jane Burns, AS, RT, RDMS

Thursday, July 16, 2020		
7:30	<b>Welcome/Continental Breakfast</b>	
7:45	<b>GYN Anatomy &amp; Physiology Congenital Abnormalities</b>	Sal LaRusso, M.ED.,RDMS, FAIUM, RT ( R )
8:15	<b>Break</b>	
8:30	<b>Transabdominal and Transvaginal Exam Protocols</b> <ul style="list-style-type: none"> <li>- Normal Sonographic Characteristics</li> <li>- Measurement Techniques</li> <li>- Non-Sonographic techniques</li> <li>- Normal Doppler Characteristics</li> </ul>	
9:15	<b>Break</b>	
9:30	<b>GYN pathology: Uterine</b> <ul style="list-style-type: none"> <li>- Sonographic Characteristics</li> <li>- Integration of Data</li> <li>- Sonohysterography</li> </ul>	
10:15	<b>Break</b>	
10:30	<b>GYN Pathology: Ovarian</b> <ul style="list-style-type: none"> <li>- Sonographic Characteristics</li> <li>- Integration of Data</li> </ul>	
11:00	<b>Adnexal Pathology</b>	
11:45	<b>Lunch</b>	
12:45	<b>Procedures &amp; Infertility</b>	
1:30	<b>Mock Exam 1: GYN</b>	
1:45	<b>First Trimester OB- Part 1</b> <ul style="list-style-type: none"> <li>- Reproductive Physiology</li> </ul>	Sal LaRusso, M.ED.,RDMS, FAIUM, RT ( R )
2:45	<b>Break</b>	
3:00	<b>1<sup>st</sup> Trimester Part 2</b>	
3:50	<b>Break</b>	
4:00	<b>1<sup>st</sup> Trimester Part 3</b>	
4:40	<b>Mock Exam 2: 1<sup>st</sup> Trimester</b>	
5:00	<b>Adjourn</b>	



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Friday July 17, 2020		
7:30	Continental Breakfast	
7:45	2 <sup>nd</sup> & 3 <sup>rd</sup> trimesters <ul style="list-style-type: none"> <li>- Fetal Age Assessment – Measurement Techniques</li> <li>- Ultrasound Evaluation of:               <ul style="list-style-type: none"> <li>o Brain</li> </ul> </li> </ul>	Jane Burns, AS, RT, RDMS
9:00	Break	
9:15	Ultrasound Evaluation of: <ul style="list-style-type: none"> <li>o Spine</li> <li>o MSK</li> <li>o Chromosomal Disorders and Syndromes</li> <li>o Chest</li> <li>o Heart</li> </ul>	
11:00	Break	
11:15	Ultrasound Evaluation of: <ul style="list-style-type: none"> <li>o Genitourinary</li> <li>o Abdominal Wall</li> <li>o Gastrointestinal</li> <li>o Face and Neck</li> </ul>	
12:30	Lunch	
1:30	Ultrasound Evaluation of: <ul style="list-style-type: none"> <li>o Placenta and Umbilical Cord</li> <li>o Amniotic Fluid</li> </ul>	Jane Burns, AS, RT, RDMS
3:00	Break	
3:15	Ultrasound Evaluation of: <ul style="list-style-type: none"> <li>o Multiple Gestation and Complications</li> <li>o Maternal Complications</li> <li>o Fetal Complications</li> <li>o 3D</li> </ul>	
4:30	Mock Exam 3	
5:00	Adjourn	



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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 live educational activity for a maximum of 14.50 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the educational activity.

## **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 knowledge and competence for successful ultrasound registry examination completion.
2. Outline routine scan protocols & measurements for performing transabdominal and endovaginal GYN scanning.
3. State the normal and abnormal imaging characteristics of the ovaries and uterus and differentiate commonly seen pathology seen in premenarchal, postmenarchal, and post menopausal patients.
4. Outline first trimester normal reproductive physiology and identify normal anatomy.
5. List first trimester complications and associated ultrasound findings.
6. Perform 2<sup>nd</sup> and 3<sup>rd</sup> trimester measurement techniques
7. Identify normal and abnormal fetal anatomy in the 2<sup>nd</sup> and 3<sup>rd</sup> trimesters in each of the fetal body systems
8. State coexisting disorders affecting pregnancy
9. Cite the sonographer role in procedures
10. Identify areas of weakness that may require further study for successful registry examination completion.

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 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:

#### **Salvatore LaRusso M.Ed. RDMS, FAIUM, RT(R)**

Senior Instructor Radiology  
PennState College of Medicine  
Chief Sonographer  
PennState Hershey  
PennState Children's Hospital  
Hershey, PA

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

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

Senior Perinatal Sonographer  
Ultrasound Consultant  
DmsPro, LLC  
St. Joseph, Minnesota

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

***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.***



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

**Charlotte Derr, MD, RDMS, FACEP (Co-Medical Director-planner & QI Task Force Subcommittee)**  
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, RT, RDMS, RDCS, RVT (Program Director-planner, Content Reviewer, QI Task Force Subcommittee)**  
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, RT, RDMS, RDCS, RVT*

### **HANDS-ON INSTRUCTORS:**

No hands-on instruction is performed for this course.



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# ***Welcome!!***

The entire staff at Gulfcoast Ultrasound Institute would like to welcome you to our educational facility.

Our goal is to provide the highest quality continuing education possible in a relaxed and personal atmosphere. The content of each program has been carefully planned to provide you with the information needed to obtain a firm foundation to begin gaining the experience to perform and/or interpret ultrasound examinations in the specialty of your choice. The program will be structured with lectures in the morning and hands-on sessions during the afternoon to allow more individualized attention the program participants will be divided into groups for the hands-on workshops based on your experience level and type of equipment you work with.

*To help you get the most out of this program we would like to make the following recommendations:*

1. Attend the lectures and scheduled hands-on sessions.
2. When you are not involved in a scheduled afternoon session, take advantage of the SUPPLEMENTAL SCANNING WORKSHOP or check out a DVD from our library.
3. If you do not understand a particular concept, ASK FOR HELP!
4. Study your course workbook during the evening.
5. Remember excellence is not achieved overnight. Becoming proficient in any ultrasound specialty requires the commitment to continually study and perform multiple (at least 100) exams before an initial level of confidence is achieved. The AIUM guidelines suggest competency for interpretation requires a minimum of 500 exams per specialty.
6. Begin scanning immediately upon return to the ultrasound departments even if it's on a volunteer. We recommend scanning/interpretations under supervised conditions until an accepted level of proficiency has been obtained.

All of our instructors, guest speakers and office staff are here to serve you! If you have any questions of any kind, please do not hesitate to ask.



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***Gulfcoast Ultrasound Institute***  
**EQUIPMENT RECOMMENDATIONS**

Throughout the past 33 years Gulfcoast Ultrasound Institute has taken great pride in our ability to provide quality continuing education programs while remaining unbiased regarding the recommendation of ultrasound equipment.

Our programs are supported by most of the major equipment manufactures by providing their systems for use during the hands-on sessions. These companies have learned their products will be used and demonstrated to the best of our abilities in an educational setting and that no selling or promotion is done on our premises.

We realize that some of the course participants may currently be in the process of evaluating equipment for purchase and would like the opinions of our staff to determine the “best” system for your department. Everyone has a “favorite” ultrasound system (usually because it is the one they have worked with the most and are comfortable with) however, Gulfcoast Ultrasound must take an unbiased position in regards to equipment recommendations.

If you are currently evaluating equipment for purchase we suggest you invite the equipment manufacturers to your facility for a private demonstration to determine image quality, ease of use, over-all capabilities etc. on an individual basis.

Thank you!

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

Lori Green, BA, RT, RDMS, RDCS, RVT  
Program Director