



*The 23<sup>rd</sup>*

# Clinical Ultrasound

**April 19 - 21, 2018**

*Walt Disney World Swan and Dolphin Resort • Lake Buena Vista, FL*

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16.5 AMA PRA Category 1 Credit(s)<sup>TM</sup>



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**SAM Credit Available**



## About The Meeting

This symposium is structured as a practical, clinically focused review of diagnostic ultrasound. A mix of ob-gyn, abdominal, and vascular lectures provide a well-rounded review of clinical imaging techniques. A variety of topics are included so registrants can expand their clinical practices. Tips, protocols, and pitfalls provide balance to the program. Faculty have been selected for their teaching ability, as well as for their expertise.

## Target Audience

This course is designed to educate those who order, perform, and interpret clinical ultrasound studies. It should be particularly valuable for diagnostic imaging physicians, ob-gyn physicians, vascular surgeons, and referring physicians who utilize ultrasound to evaluate the clinical status of their patients. The symposium should also be valuable for sonographers who perform these procedures.



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## Scientific Sponsor

Educational Symposia

## Accreditation

**Physicians:** Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Symposia designates this live activity for a maximum of 16.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Technologists:** This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit [www.edusymp.com](http://www.edusymp.com) or call 1-800-338-5901 regarding the availability of Category A CE credit.

**Self-Assessment Modules (SAMs):** Educational Symposia has been granted Deemed Status by the American Board of Radiology (ABR). This allows Educational Symposia to develop and implement SAMs that satisfy ABR Part II MOC requirements.

## Educational Objectives

Attendees should, at the completion of this course, be able to:

- Optimize clinical protocols for evaluating the vascular system.
- Discuss the advantages and pitfalls of contrast enhanced ultrasound and elastography.
- Utilize ultrasound to assess patients with abdominal and pelvic disorders.
- Demonstrate an increased knowledge into the applications of Doppler imaging.
- Apply modern imaging techniques to clinical practice.

*No special educational preparation is required for this CME activity.*



## Course Organization

This program is planned and organized by Educational Symposia, a leader in continuing medical education since 1975.

## Acknowledgement

Educational Symposia appreciates our corporate supporters and exhibitors. A list of industry supporters will be provided and acknowledged at the meeting.

## Cancellations

Cancellations must be received in writing. A \$50 processing fee will be applied to all cancellations. Refunds requested in writing prior to **March 23, 2018** will be issued for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after that date.

## Registration Information

**Tuition for conference** includes all course materials, an electronic color course syllabus (printed color syllabus available for \$95), daily continental breakfasts and coffee breaks. Early registration is strongly suggested. There will be a \$100 surcharge for anyone registering after **April 10, 2018**. Minimum and maximum attendance levels have been established for this meeting. If your registration cannot be accepted, you will be issued a full tuition refund.

## 4 EASY WAYS TO REGISTER

We Accept



**INTERNET**  
[www.edusymp.com](http://www.edusymp.com)

**MAIL** Check payable to:  
Educational Symposia  
5620 West Sligh Avenue  
Tampa, Florida 33634-4490

**FAX**  
(813) 806-1001

**PHONE**  
(813) 806-1000

**Reduce your mail clutter or just add email announcements. Please visit the "Mailing List" section of our website at [www.edusymp.com](http://www.edusymp.com).**

**Disclaimer:** Educational Symposia (ESI) as planner and presenter of this meeting, and Professional Travel as the official travel agency for this meeting, claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee, and Professional Travel's responsibility is limited to that of an agent.



**Special Note for the Disabled:** Educational Symposia wishes to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact our office at (800) 338-5901 or (813) 806-1000.

## Program Co-Directors

Leslie M. Scoutt, M.D.

Thomas C. Winter III, M.D.

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### **Richard G. Barr, M.D., Ph.D., FACR, FSRU**

*Professor of Radiology  
Northeastern Ohio Medical University  
Southwoods Imaging  
Youngstown, OH*

### **Carol B. Benson, M.D.**

*Director of Ultrasound and Co-Director of High-Risk  
Obstetrical Ultrasound, Brigham and Women's  
Hospital  
Professor of Radiology, Harvard Medical School  
Boston, MA*

### **William D. Middleton, M.D., FACR**

*Professor of Radiology  
Section of Abdominal Imaging & Diagnostic Ultrasound  
Mallinckrodt Institute of Radiology  
Washington University School of Medicine  
St. Louis, MO*

### **Deborah J. Rubens, M.D.**

*Professor and Associate Chair  
Department of Imaging Sciences  
Professor  
Department of Biomedical Engineering  
University of Rochester Medical Center  
Rochester, NY*

### **Leslie M. Scoutt, M.D.**

*Professor of Diagnostic Radiology and Vascular Surgery  
Associate Program Director, Diagnostic Radiology  
Chief, US Section  
Medical Director, Non-Invasive Vascular Lab  
Yale School of Medicine  
Yale-New Haven Hospital  
New Haven, CT*

### **Thomas C. Winter III, M.D.**

*Professor of Radiology and OB-Gyn  
Director of Body Imaging  
University of Utah School of Medicine  
Salt Lake City, UT*

Program

THURSDAY, APRIL 19, 2018

7:00 – 8:00 AM	<b>Registration and Continental Breakfast for Registrants</b>
8:00 – 8:10	Welcome and Morning Announcements <i>Leslie M. Scoutt, M.D.</i>
8:10 – 8:50	Ultrasound Evaluation of the Aorta <i>Leslie M. Scoutt, M.D.</i>
8:50 – 9:30	Right Upper Quadrant Pain <i>Deborah J. Rubens, M.D.</i>
9:30 – 10:10	Ultrasound Evaluation of Advanced Cholecystitis <i>William D. Middleton, M.D., FACR</i>
10:10 – 10:25	<b>Coffee Break for Registrants</b>
10:25 – 11:00	Basic Carotid Ultrasound Examination <i>Leslie M. Scoutt, M.D.</i>

SAM SESSION

11:00 – 11:40	Doppler Ultrasound Evaluation of the Liver <i>William D. Middleton, M.D., FACR</i>
11:40 – 12:20 PM	Liver Elastography <i>Richard G. Barr, M.D., Ph.D., FACR, FSRU</i>
12:20 – 12:30	Question and Answer Session <i>Faculty</i>
12:30 – 1:30	<b>Lunch On Your Own</b>

THURSDAY, APRIL 19, 2018 (CONTINUED)

1:30 – 2:05	Ultrasound Evaluation of the Parathyroid Glands <i>William D. Middleton, M.D., FACR</i>
2:05 – 2:45	Thyroid Ultrasound and Fine Needle Aspiration <i>Carol B. Benson, M.D.</i>
2:45 – 3:15	Ultrasound Evaluation of the Salivary Glands <i>William D. Middleton, M.D., FACR</i>
3:15 – 3:30	<b>Coffee Break for Registrants</b>
3:30 – 4:15	Soft Markers for OB 2018 <i>Thomas C. Winter III, M.D.</i>
4:15 – 5:00	First Trimester and Pregnancy of Uncertain Viability (IPUV) <i>Carol B. Benson, M.D.</i>
5:00 – 5:15	Question and Answer Session <i>Faculty</i>
5:15	<b>End of Session</b>

**FRIDAY, APRIL 20, 2018**

**7:30 – 8:00 AM      Continental Breakfast  
for Registrants**

SAM SESSION	
8:00 – 8:40	Advanced Carotid Ultrasound: Pitfalls and Waveform Analysis <i>Leslie M. Scoutt, M.D.</i>
8:40 – 9:20	Ultrasound Evaluation of Transplant Recipients <i>Deborah J. Rubens, M.D.</i>

9:20 – 9:55      Scrotal Masses  
*Thomas C. Winter III, M.D.*

9:55 – 10:30      How to Set Up a Contrast  
Enhanced Ultrasound Lab  
*Richard G. Barr, M.D., Ph.D.,  
FACR, FSRU*

**10:30 – 10:45      Coffee Break for  
Registrants**

10:45 – 11:30      Ovarian Masses:  
The Role of Ultrasound  
*Carol B. Benson, M.D.*

11:30 – 12:15 PM      Hemorrhagic Cysts and  
Ovarian Torsion  
*Deborah J. Rubens, M.D.*

12:15 – 12:30      Question and  
Answer Session  
*Faculty*

**12:30                      End of Session**

**SATURDAY, APRIL 21, 2018**

**7:30 – 8:00 AM      Continental Breakfast  
for Registrants**

8:00 – 8:45      OB Ultrasound Do's and  
Don'ts  
*Thomas C. Winter III, M.D.*

8:45 – 9:20      Ectopic Pregnancy  
*Carol B. Benson, M.D.*

9:20 – 10:00      Doppler Faux Pas and  
Pitfalls  
*Deborah J. Rubens, M.D.*

10:00 – 10:30      Contrast Enhanced  
Ultrasound of the Liver  
*Richard G. Barr, M.D., Ph.D.,  
FACR, FSRU*

**10:30 – 10:45      Coffee Break for  
Registrants**

10:45 – 11:20      Biopsies  
*Thomas C. Winter III, M.D.*

11:20 – 11:55      Contrast Enhanced  
Ultrasound of the Kidney  
*Richard G. Barr, M.D., Ph.D.,  
FACR, FSRU*

11:55 – 12:30 PM      Leg Pain and Swelling: It's  
Not Just About DVT  
*Leslie M. Scoutt, M.D.*

12:30 – 12:45      Question and Answer  
Session  
*Faculty*

**12:45                      End of Course**

# Walt Disney World Swan and Dolphin Resort

## SPACE IS LIMITED - RESERVE TODAY

Visit [edusymp.com](http://edusymp.com) and search ULT18 to visit the accommodations page for additional hotel information.

Call Reservations at: 800-227-1500 and identify yourself as a registrant of "Clinical Ultrasound" or provide Group Code: **ES18** to receive the group discount.



**Group Room Rates Start At..... \$249/nt.**  
(single/double occupancy)

Cost for additional person over double occupancy is \$25.  
Children under 18 stay free when sharing a room with an adult.

**ROOM PREFERENCE:** King bed/Two queen beds

**HOTEL CUT-OFF DATE:** March 19, 2018  
(group rates 3 days prior/post – space available basis).

**HOTEL TAX:** 12.5%

**RESORT FEE:** \$25.00 per room, per day applies.

**DEPOSIT POLICY:** A deposit of one (1) night's room rate plus tax will be charged at time of reservation to guarantee accommodations.

**CANCELLATION POLICY:** All cancellations, arrival and departure date changes must be made five (5) days or more prior to scheduled arrival date/time and cancellation number must be obtained to avoid penalties. Check in time is: 3:00 PM; Check out time is: 11:00 AM.

**HOTEL:** 1500 Epcot Resorts Boulevard  
Lake Buena Vista, FL 32830

**PHONE:** 407-934-4000

**Meeting  
Registration  
Form:**

**23<sup>rd</sup> Annual 2018: Clinical Ultrasound**  
**APRIL 19 - 21, 2018**  
Walt Disney World Swan and Dolphin Resort • Lake Buena Vista, FL

**ULT18**

**REGISTER ONLINE: [WWW.EDUSYMP.COM](http://WWW.EDUSYMP.COM)**

**TUITION: LIVE MEETING**

Attendance is limited; therefore, early registration is strongly suggested.		Check Meeting Registration below: <b>INCLUDES ELECTRONIC COLOR SYLLABUS</b>	
		On or Before 4/10/18	After 4/10/18
<input type="checkbox"/> Physicians <input type="checkbox"/> Scientists <input type="checkbox"/> Company Personnel	<input type="checkbox"/> \$995	<input type="checkbox"/> \$1,095	<input type="checkbox"/> <b>ADD</b> Printed Color Syllabus \$95 <i>Advanced Purchase Only</i>
<b>50% OFF</b> <input type="checkbox"/> Fellows / Residents*	<input type="checkbox"/> \$498	<input type="checkbox"/> \$598	
<input type="checkbox"/> Full Time Military* <input type="checkbox"/> Retired Physicians <input type="checkbox"/> VA Physicians* <input type="checkbox"/> Technologists <input type="checkbox"/> P.A./R.A. <input type="checkbox"/> Sonographers	<input type="checkbox"/> \$595	<input type="checkbox"/> \$695	<input type="checkbox"/> <b>ADD</b> Printed Color Syllabus \$95 <i>Advanced Purchase Only</i>
<b>1<sup>st</sup> 10 Active Duty Military Personal* ATTEND FOR FREE</b>			
There will be a \$100 surcharge for anyone registering after April 10, 2018.		*MUST ENCLOSE OR FAX LETTER FROM YOUR DIRECTOR CERTIFYING STATUS.	

Name	<input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> Ph.D. <input type="checkbox"/> R.T. <input type="checkbox"/> R.N. <input type="checkbox"/> P.A./R.A. <input type="checkbox"/> RDMS <input type="checkbox"/> Other	
Company / Hospital	Specialty	
Group Practice Name		
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