About The Meeting
This symposium is structured as a practical, clinically oriented review of ultrasound in obstetrics & gynecology. A mix of topics including fetal cardiac, central nervous system and renal imaging, imaging in the first trimester, 3D sonography in obstetrics and gynecology, evaluation of the non-pregnant uterus and adnexae are included so registrants can expand their clinical practices. Tips, images, and pitfalls provide balance to the program.

Target Audience
This program is designed for obstetricians and gynecologists, radiologists, family medicine physicians, genetic counselors and sonographers who order, perform and interpret ultrasound examinations in obstetrics and gynecology. The goal of this educational activity is to bring the level of practice for the healthcare practitioners to a higher degree of proficiency in obstetrics and gynecologic sonography.

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 12.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Technologists: Category A CE credit is not available for this symposium.

ACOG Cognate Credit: This program has been submitted to the American College of Obstetricians and Gynecologists. Assignment of cognate credits (Formal Learning) is pending.

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

• Assess the fetus in the first trimester and learn about the criteria for nuchal translucency measurement.

• Utilize ultrasound to assess patients with an adnexal mass.

• Evaluate patients for the presence of Mullerian anomalies of the uterus.

• Increase awareness of fetal cardiac anatomy and the assessment of the fetal cardiovascular system on ultrasound.

• Discuss the use of ultrasound in evaluation of the fetal central nervous system and genitourinary anomalies.

• Understand the concepts of 3D ultrasound and their utility in obstetrics & gynecology.

• Discuss the fetal adaptation to hypoxemia and the role of Doppler in the management of fetal growth restriction.

No special educational preparation is required for this CME activity.

Course Organization
This program is planned and organized by Educational Symposia, the leader in diagnostic imaging education since 1975.

Acknowledgement
Educational Symposia has received no corporate support for this symposium.

© 2012 Educational Symposia

A Practical Approach to Ultrasound in Obstetrics & Gynecology
August 6 – 14, 2013
Ireland & Scotland Interlude on the Ocean Princess
Sail from London (Dover), England to London (Dover), England
12.25 AMA PRA Category 1 Credit(s)™

Book By February 27, 2013
About The Meeting
This symposium is structured as a practical, clinically oriented review of ultrasound in obstetrics & gynecology. A mix of topics including fetal cardiac, central nervous system and renal imaging, imaging in the first trimester, 3D sonography in obstetrics and gynecology, evaluation of the non-pregnant uterus and adnexae are included so registrants can expand their clinical practices. Tips, images, and pitfalls provide balance to the program.

Target Audience
This program is designed for obstetricians and gynecologists, radiologists, family medicine physicians, genetic counselors and sonographers who order, perform and interpret ultrasound examinations in obstetrics and gynecology. The goal of this educational activity is to bring the level of practice for the health practitioners to a higher degree of proficiency in obstetrics and gynecologic sonography.

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.

Education Symposia designates this live activity for a maximum of 12.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Technologists: Category A CE credit is not available for this symposium.

ACOG Cognate Credit: This program has been submitted to the American College of Obstetricians and Gynecologists. Assignment of cognate credits (Formal Learning) is pending.

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

- Assess the fetus in the first trimester and learn about the criteria for nuchal translucency measurement.
- Utilize ultrasound to assess patients with an adnexal mass.
- Evaluate patients for the presence of Mullerian anomalies of the uterus.
- Increase awareness of fetal cardiac anatomy and the assessment of the fetal cardiovascular system on ultrasound.
- Discuss the use of ultrasound in evaluation of the fetal central nervous system and genitourinary anomalies.
- Understand the concepts of 3D ultrasound and their utility in obstetrics & gynecology.
- Discuss the fetal adaptation to hypoxemia and the role of Doppler in the management of fetal growth restriction.

No special educational preparation is required for this CME activity.

Course Organization
This program is planned and organized by Educational Symposia, the leader in diagnostic imaging education since 1975.

Acknowledgement
Educational Symposia has received no corporate support for this symposium.

© 2012 Educational Symposia

Intimate Atmosphere
Give and Take Interactions
Audience Participation Encouraged

A Practical Approach to Ultrasound in Obstetrics & Gynecology
August 6 – 14, 2013
Ireland & Scotland Interlude on the Ocean Princess
Sail from London (Dover), England to London (Dover), England
12.25 AMA PRA Category 1 Credit(s)™

Book By February 27, 2013
**SPECIAl nOTE FOr ThE dISABlEd:** Educational Symposia wishes to ensure that no individual with a disability is excluded, registration fee, and Professional Travel’s responsibility is limited to that of an agent. 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.

**Facts & Information About the Ship**

- **Lotus Spa**, with gym and fitness center, Thalasso Spa Pool and Main Pool (plus two hot tubs).
- **Sanctuary** – adult only respite for relaxation (fees).
- Two specialty restaurants; an Italian specialty restaurant, Sabatini’s (charge) and Sterling Steakhouse (charge) specializing in steaks and seafood. Reservations are suggested.
- 24 hour room service. (charge) specializing in steaks and seafood. Reservations are suggested.
- Two specialty restaurants; an Italian specialty restaurant, Sabatini’s (charge) and Sterling Steakhouse
- Mini Suite with Balcony • 322 sq. ft (with balcony)
- Queen or two twin beds and sofa bed, welcome glass of champagne. Floor to ceiling windows, private balcony, separate seating area, two color televisions, phone, and bathroom with full bathtub. Located fore, midship & aft.
- Deluxe Oceanview with Balcony • 279 sq. ft (with balcony) Floor to ceiling windows Located fore, midship & aft.
- Deluxe Oceanview • 165 sq. ft Picture window obstructed view Located midship
deck 3 & 6
- Inside Stateroom • 158 sq. ft Located forward.
- Deluxe Oceanview • 165 sq. ft Picture window obstructed view Located midship
deck 3 & 6
- Deluxe Oceanview • 165 sq. ft Picture window obstructed view Located aft
deck 7 & 8
- Deluxe Oceanview with Balcony • 279 sq. ft (with balcony) Floor to ceiling windows Located fore, midship & aft.
- Mini Suite with Balcony • 322 sq. ft (with balcony)
- Queen or two twin beds and sofa bed, welcome glass of champagne. Floor to ceiling windows, private balcony, separate seating area, two color televisions, phone, and bathroom with full bathtub. Located fore, midship & aft.
- Deluxe Oceanview • 165 sq. ft Picture window obstructed view Located midship
deck 3 & 6
- Deluxe Oceanview with Balcony • 279 sq. ft (with balcony) Floor to ceiling windows Located fore, midship & aft.
- Deluxe Oceanview • 165 sq. ft Picture window obstructed view Located midship
deck 3 & 6
- Deluxe Oceanview with Balcony • 279 sq. ft (with balcony) Floor to ceiling windows Located front, midship & aft.
- Deluxe Oceanview • 165 sq. ft Picture window obstructed view Located midship
deck 3 & 6
- Deluxe Oceanview with Balcony • 279 sq. ft (with balcony) Floor to ceiling windows Located front, midship & aft.
- Deluxe Oceanview • 165 sq. ft Picture window obstructed view Located midship
deck 3 & 6
- Deluxe Oceanview with Balcony • 279 sq. ft (with balcony) Floor to ceiling windows Located front, midship & aft.
- Deluxe Oceanview • 165 sq. ft Picture window obstructed view Located midship
deck 3 & 6
- Deluxe Oceanview with Balcony • 279 sq. ft (with balcony) Floor to ceiling windows Located front, midship & aft.

**CRUISE REGISTRATION**

**DEPOSITS:** 20% of the total per person cruise fare is required. ALL DEPOSITS ARE DUE TO PRINCESS CRUISES AT TIME OF BOOKING. FINAL PAYMENT IS DUE 75 DAYS PRIOR TO DEPARTURE. TRANSFERS: Transfers are not included. Guests can purchase transfers (embarkation / disembarkation) through Princess Cruises at a nominal fee. Guests purchasing transfers through Princess Cruises, that have made their own arrangements need to provide their air itinerary to Princess Cruises at least 35 days prior to sailing.

**TRAVEL INSURANCE:** Travel Insurance is highly recommended. Princess Cruises offers a cruise protection program. If you prefer alternative travel insurance options, you may call: Travel Guard (800) 268-4028 www.travelguard.com, TravelEx Insurance (800) 228-9792 www.travelinsurance.com, InsureMyTrip (800) 487-4722 www.insuremytrip.com.

**NAME CHANGES:** Princess Cruises does not permit name changes. Booking must be canceled and new guest(s) rebooked.

**PASPORTS:** Passport requirements have changed. For up to date information about travel please refer to: http://www.travel.state.gov/passport. Princess Cruises requires all guests to carry a passport valid for six months after the end of the cruise.

**EARLY REGISTRATION IS STRONGLY SUGGESTED:** Tuition includes a comprehensive course syllabus. MEETING CANCELLATIONS MUST BE RECEIVED IN WRITING PRIOR TO MAY 23, 2013. A $50 processing fee will be applied to all cancellations. Refunds requested in writing prior to May 23, 2013 will be issued for the amount of tuition paid less the $50 processing fee. No refunds will be made on or after that date.

---

**Faculty**

**Program Director**

Ahmed Abuhamad, M.D.

Professor and Chairman.

Department of Obstetrics and Gynecology

Associate Dean for Clinical Affairs

Eastern Virginia Medical School

Norfolk, VA

**Program**

**SUNDAY, AUGUST 11, 2013**

8:00 AM Basic Obstetric Ultrasound Examination: Six Steps to Completion

8:30 First Trimester Ultrasound Dating and Morphology

9:00 First Trimester Ultrasound: Genetic Screening

9:50 Fetal Cardiac Imaging: Improving Detection of Congenital Heart Disease

10:10 Fetal Neuroimaging: Comprehensive Review

11:30 Question & Answer Session

11:50 AM – 2:00 PM Lunch on Your Own

2:00 Ectopic Pregnancy: Stepwise Approach to Diagnosis

2:30 Three Dimensional Ultrasound in Gynecology: Is it Really Useful Clinically?

3:00 Adnexal Masses: Differentiating Benign from Malignant

3:30 Question & Answer Session

4:00 End of Session

**TUESDAY, AUGUST 13, 2013**

8:00 AM Fetal Cardiac Imaging in Early Gestations

8:30 Fetal Renal Malformations: The Role of Ultrasound in Diagnosis and Management

9:20 3D Ultrasound in Obstetrics: How Can It Help?

10:10 Placental Abnormalities and Amniotic Fluid Assessment

10:40 Just Images: Can You Guess the Diagnosis – Obstetrics?

11:10 Question & Answer Session

11:30 – 2:00 PM Lunch on Your Own

2:00 IUGR Diagnosis and Management

2:30 Role of Cervical Length in Prenatal Labor Management

3:00 Maternal Mortality and the Role of Ultrasonography

3:30 Just Images: Can You Guess the Diagnosis – Gynecology?

4:00 Question & Answer Session

4:15 End of Course
Educational Symposia wishes to ensure that no individual with a disability is excluded, registration fee, and Professional Travel's responsibility is limited to that of an agent.

• 24 hour Internet Café (wireless access available).
• Golf practice cage.
• 24 hour room service.
• Two specialty restaurants; an Italian specialty restaurant, Sabatini's (charge) and Sterling Steakhouse.
• Sanctuary – adult only respite for relaxation (fee).
• Lotus Spa, with gym and fitness center, Thalasso Spa Pool and Main Pool (plus two hot tubs).

Itinerary
Day
Date
Departure
Arrival
London (Dover), England
August 8
Tuesday
5:00 PM
London (Dover), England
August 11
Friday
7:00 AM
Dublin, Ireland
August 12
Saturday
7:30 AM
Edinburgh (Rosyth), Scotland
August 13
Sunday
9:00 AM
Norfolk, VA

Facts & Information About the Ship
- Lotus Spa, with gym and fitness center.
- Sanctuary – adult only respite for relaxation.
- Two specialty restaurants.
- 24 hour room service.
- Golf practice cage.
- 24 hour Internet Café (wireless access available).

Faculty
Program Director
Alfred Abuhamad, M.D.
Professor and Chairman
Department of Obstetrics and Gynecology
Associate Dean for Clinical Affairs
East Carolina University
Norfolk, VA

Program
SUNDAY, AUGUST 11, 2013
8:00 AM Basic Obstetric Ultrasound Examination: Six Steps to Completion  
8:30 First Trimester Ultrasound: Dating and Morphology  
9:00 First Trimester Ultrasound: Generic Screening  
9:50 Fetal Cardiac Imaging: Improving Detection of Congenital Heart Disease  
10:10 Fetal Neurocohorangiography: Comprehensice Review  
11:30 Question & Answer Session  
11:50 AM – 2:00 PM Lunch on Your Own  
2:00 Ectopic Pregnancy: Stepwise Approach to Diagnosis  
2:30 Three Dimensional Ultrasound in Gynecology: Is it Really Useful Clinically?  
3:00 Adnexal Masses: Diffrerentiating Benign from Malignant  
3:50 Question & Answer Session  
4:10 End of Session

TUESDAY, AUGUST 13, 2013
8:00 AM Fetal Cardiac Imaging in Early Gestations  
8:30 Fetal Renal Malformations: The Role of Ultrasound in Diagnosis and Management  
9:20 3D Ultrasound in Obstetrics: How Can It Help?  
10:10 Placental Abnormalities and Amniotic Fluid Assessment  
11:04 Just Images: Can You Guess the Diagnosis – Obstetrics?  
12:00 Question & Answer Session  
12:30 Lunch on Your Own  
2:00 Doppler Flow in O bstetrics  
2:30 IUOR Diagnosis and Management  
3:20 Role of Cervical Length in Preterm Labor Management  
3:30 Maternal Mortality and the Role of Ultrasound  
3:50 Question & Answer Session  
4:00 Question & Answer Session  
4:15 End of Course

CRUISE REGISTRATION
DEPOSITS: 20% of the total per person cruise fare is required. ALL DEPOSITS ARE DUE TO PRINCESS CRUISES AT TIME OF BOOKING. FINAL PAYMENT IS DUE 75 DAYS PRIOR TO DEPARTURE. TRANSFERS: Transfers are not included. Guests can purchase transfers (embarkation / disembarkation) through Princess Cruises at a nominal fee. Guests purchasing transfers through Princess Cruises, that have made their own arrangements need to provide air itinerary to Princess Cruises at least 35 days prior to sailing.


NAME CHANGES: Princess Cruises does not permit name changes. Booking must be canceled and new guest(s) rebooked.

PASSENGER: Passport requirements have changed. For up to date information about travel please refer to: http://www.travel.state.gov/passport. Princess Cruises requires all guests to carry a passport valid for six months after the end of the cruise.

EARLY REGISTRATION IS STRONGLY SUGGESTED. Tuition includes a comprehensive course syllabus. MEETING CANCELLATIONS MUST BE RECEIVED IN WRITING PRIOR TO MAY 23, 2013. A $50 processing fee will be applied to all cancellations. Refunds requested in writing prior to May 23, 2013 will be issued for the amount of tuition paid less the $50 processing fee. No refunds will be made on or after that date.

CRUISE CANCELLATIONS: ALL CANCELLATIONS RECEIVED BEFORE MAY 23, 2013 will receive a full refund of amounts already paid to Princess Cruises. Refunds will be made to the guests through Professional Travel.

PLEASE NOTE: AFTER FEBRUARY 27, 2013 group rates and cabin categories are subject to limited availability.

DISCLAIMER: Educational Symposia (ES) 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 organizer 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, limited services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you require any auxiliary aids or services identified in the Americans with Disabilities Act, please contact our office at (800) 338-5901 or (813) 806-1000.

MUST RESERVE CRUISE THROUGH PROFESSIONAL TRAVEL PRIOR TO REGISTRATION.
Call (800) 237-7230 (toll free U.S. and Canada) or (813) 806-1050 Direct. Monday-Friday (8:30 AM - 5:00 PM EST)
### Educational Symposia

**Program**

**SUNDAY, AUGUST 11, 2013**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM</td>
<td>First Trimester Ultrasound: Dating and Morphology</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>First Trimester Ultrasound: Genetic Screening</td>
</tr>
<tr>
<td>9:50 AM</td>
<td>Fetal Cardiac Imaging: Improving Detection of Congenital Heart Disease</td>
</tr>
<tr>
<td>10:40 AM</td>
<td>Fetal Neurocritical: Comprehensiive Review</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Question &amp; Answer Session</td>
</tr>
<tr>
<td>11:50 AM – 2:00 PM</td>
<td>Lunch on Your Own</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>IUGR Diagnosis and Management</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Three Dimensional Ultrasound in Gynecology: Is It Really Useful Clinically?</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Adrenal Masses: Differentiating Benign from Malignant</td>
</tr>
<tr>
<td>3:50 PM</td>
<td>Question &amp; Answer Session</td>
</tr>
<tr>
<td>4:10 PM – 4:45 PM</td>
<td>End of Session</td>
</tr>
</tbody>
</table>

**TUESDAY, AUGUST 13, 2013**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Fetal Cardiac Imaging in Early Gestations</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Fetal Renal Malformations: The Role of Ultrasound in Diagnosis and Management</td>
</tr>
<tr>
<td>9:20 AM</td>
<td>3D Ultrasound in Obstetrics: How Can It Help?</td>
</tr>
<tr>
<td>10:10 AM</td>
<td>Placental Abnormalities and Amniotic Fluid Assessment</td>
</tr>
<tr>
<td>10:40 AM</td>
<td>Just Images: Can You Guess the Diagnosis: Obstetrics?</td>
</tr>
<tr>
<td>11:10 AM</td>
<td>Question &amp; Answer Session</td>
</tr>
</tbody>
</table>

**Notes:**

- 24 hour room service.
- Two specialty restaurants; an Italian specialty restaurant, Sabatini’s (charge) and Sterling Steakhouse.
- Lotus Spa, with gym and fitness center, Thalasso Spa Pool and Main Pool (plus two hot tubs).
- During this event or any optional activities. The total amount of liability, if any, for the meeting organizer is limited to a refund of the registration fee, in addition to the $50 processing fee. No refunds will be made on or after that date. 

**CRUISE CANCELLATION:** All cancellations received before May 23, 2013 will receive a full refund of all amounts already paid to Princess Cruises. Refunds will be made to the guest through Professional Travel. **PLEASE NOTE:** A $50 processing fee will be applied to all cancellations. Refunds requested in writing prior to May 23, 2013 will be issued for the amount of tuition paid less the $50 processing fee. No refunds will be made on or after that date.

**CRUISE REGISTRATION:**

**DEPOSITS:** 20% of the total per person cruise fare is required. **ALL DEPOSITS ARE DUE TO PRINCESS CRUISES AT TIME OF BOOKING. FINAL PAYMENT IS DUE 75 DAYS PRIOR TO DEPARTURE.** Transfers are not included. Guests can purchase transfers through Princess Cruises at a nominal fee. Guests purchasing transfers through Princess Cruises, that have made their own car arrangements need to provide their air itinerary to Princess Cruises at least 35 days prior to sailing.

**TRAVEL INSURANCE:** Travel insurance is highly recommended. Princess Cruises offers a cruise protection program. If you prefer alternate travel insurance options, you may call: Travel Guard (800) 826-4919 www.travelguard.com, TravelEx Insurance (800) 228-9792 www.travelexinsurance.com, InsureMyTrip (800) 487-4722 www.insuremytrip.com.

**NAME CHANGE:** Princess Cruises does not permit name changes. Booking must be cancelled and new guest(s) rebooked.

**PASSPORTS:** Passport requirements have changed. For up to date information about travel please refer to: http://www.travel.state.gov/passport.

**GUESTS:** Princess Cruises requires all guests to carry a passport valid for six months after the end of the cruise.

**EARLY REGISTRATION IS STRONGLY SUGGESTED.** Guests includes a comprehensive course syllabus. **MEETING CANCELLATIONS MUST BE RECEIVED IN WRITING PRIOR TO MAY 23, 2013. A $50 per person fee will be assessed to all cancellations. Refunds requested in writing prior to May 23, 2013 will be issued for the amount of tuition paid less the $50 processing fee. No refunds will be made on or after that date.**