

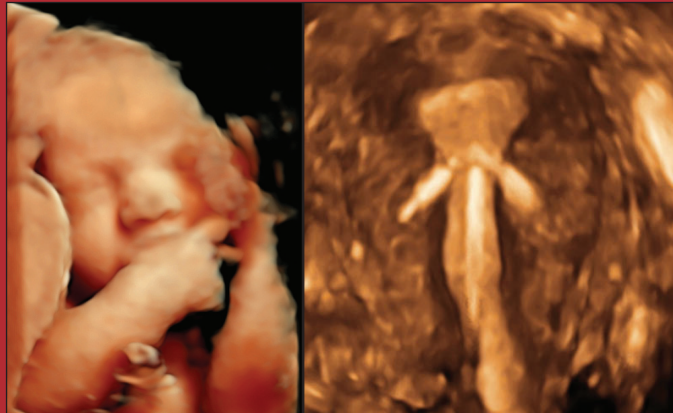


Harvard Medical School



Brigham and Women's Hospital  
Department of Radiology

# Advanced Sonography Symposium in OB/GYN



**October 10 - 12, 2014**

*The Boston Park Plaza Hotel  
Boston, Massachusetts*

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**Course Directors:**

*Beryl R Benacerraf, MD and Carol B Benson, MD*

## COURSE DESCRIPTION

Ongoing development of new ultrasound techniques and equipment in areas of 2-D, 3-D, 4-D, Doppler, and invasive testing, make it challenging for practitioners of ultrasound to keep up to date and current in all aspects of ultrasound imaging. This advanced sonography course will provide obstetrical and gynecologic ultrasound practitioners with insights and new skills for the screening, diagnosis, and management of fetal anomalies using ultrasound. There will be in-depth focus on fetal and obstetrical abnormalities, and gynecologic imaging.

Exhibitors of ultrasound equipment and books will be present at the course.

## KEY TOPICS

- New ways to evaluate endometriosis
- Indepth fetal echocardiography
- Doppler in the evaluation of fetal well being
- Unusual fetal anomalies
- Prenatal diagnosis of aneuploidy

## LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

- Develop strategies to appropriately utilize ultrasound equipment
- Formulate more accurate diagnoses with ultrasound
- Incorporate the newly approved updated guidelines for performance of obstetrical ultrasound
- Incorporate conclusions of the first trimester consensus conference for diagnosing miscarriage into their practice to avoid making mistakes in diagnosis of early pregnancy failure
- Utilize ultrasound for guiding invasive procedures for diagnosis and treatment

## TARGET AUDIENCE

The course is directed to obstetrician/gynecologists, radiologists, and other physicians whose scope of practice includes ultrasound, as well as sonographers.

## GUEST FACULTY

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**Alfred Abuhamad, MD:** Professor of Obstetrics and Gynecology, Chairman of the Department of Obstetrics and Gynecology, Eastern Virginia Medical School, Norfolk, VA

**Joshua Copel, MD:** Professor of Obstetrics, Gynecology and Reproductive Sciences, and of Pediatrics; Vice Chair for Obstetrics, Yale University School of Medicine, New Haven, CT

**Steven R Goldstein, MD:** Professor of Obstetrics and Gynecology, New York University School of Medicine; Director of Gynecological Ultrasound, Co-Director of Bone Densitometry, Department of Obstetrics and Gynecology, New York University Medical Center, New York, NY

**Ilan E Timor-Tritsch, MD:** Professor of Obstetrics and Gynecology, New York University School of Medicine; Director, Obstetrics and Gynecology, New York University Medical Center, New York, NY

## HARVARD MEDICAL SCHOOL FACULTY

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**Beryl R Benacerraf, MD:** Clinical Professor of Obstetrics and Gynecology, Clinical Professor of Radiology; Brigham and Women's Hospital, Boston, MA

**Carol B Benson, MD:** Professor of Radiology; Director, Division of Ultrasound, Co-Director, High Risk Obstetrical Ultrasound, Medical Director, Continuing Medical Education, Department of Radiology, Brigham and Women's Hospital, Boston, MA

**Bryann S Bromley, MD:** Associate Clinical Professor of Obstetrics and Gynecology; Department of Obstetrics and Gynecology, Massachusetts General Hospital and Department of Obstetrics and Gynecology, Brigham and Women's Hospital, Boston, MA

**Peter M Doubilet, MD, PhD:** Professor of Radiology; Senior Vice Chair of Radiology, Brigham and Women's Hospital, Boston, MA

**Mary C Frates, MD, FACR:** Associate Professor of Radiology; Assistant Director, Division of Ultrasound, Brigham and Women's Hospital, Boston, MA

**Yvette S Groszmann, MD:** Clinical Instructor in Obstetrics and Gynecology, and Reproductive Biology, Brigham and Women's Hospital, Boston, MA

**Thomas D Shipp, MD:** Associate Professor of Obstetrics, Gynecology, and Reproductive Biology; Brigham and Women's Hospital, Boston, MA

**Louise E Wilkins-Haug, MD, PhD:** Associate Professor of Obstetrics, Gynecology, and Reproductive Biology; Division Director for Maternal Fetal Medicine and Reproductive Genetics, Brigham and Women's Hospital, Boston, MA

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## FRIDAY, OCTOBER 10

### IN DEPTH GYNECOLOGIC ULTRASOUND

- 7:00 Registration / Continental Breakfast  
7:50 Welcome and Introduction  
8:00 Diagnosing the Cause of Pelvic Pain -  
Including Deep Endometriosis *Beryl R Benacerraf, MD*  
8:40 Adnexal Masses - When should we call a  
GYN Oncologist? *Ilan E Timor-Tritsch, MD*  
9:20 Ovarian Cancer Screening -  
What is the Latest? *Beryl R Benacerraf, MD*  
10:00 **BREAK**  
10:30 The 10 Most Important Keys  
to GYN Ultrasound *Steven R Goldstein, MD*

Moderator: *Beryl R Benacerraf, MD*

- 11:00 Interesting Adnexal Cases for  
Faculty and Audience *Faculty*  
11:45 Questions and Answers  
12:00 **LUNCH RECESS**  
1:30 Uterine Shape Abnormalities -  
We Don't Need MR *Beryl R Benacerraf, MD*  
2:00 Abnormal Bleeding:  
The Evolving Role of Ultrasound *Steven R Goldstein, MD*  
2:30 Sonohysterography and HyCoSy - Do we really need  
Hysterosalpingography? *Yvette S Groszmann, MD*  
3:00 **BREAK and EXHIBITS**  
3:30 Incidental Findings on Transvaginal Scan:  
What Can We Disregard Safely? *Steven R Goldstein, MD*  
4:10 More Unknown Cases  
*Ilan E Timor-Tritsch, MD and Yvette S Groszmann, MD*  
4:45 Questions and Answers  
5:00 **ADJOURN**
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## SATURDAY, OCTOBER 11

### FETAL ULTRASOUND IS MOVING INTO THE FIRST TRIMESTER

- 7:00 Continental Breakfast  
8:00 Avoiding Harm to Early  
Pregnancies *Peter M Doubilet, MD, PhD*  
8:40 Update on Ectopic Pregnancy *Mary C Frates, MD*  
9:20 The Consequences of a High  
C-Section Rate *Ilan E Timor-Tritsch, MD*  
10:00 **BREAK and EXHIBITS**  
10:20 Where is Prenatal Diagnosis of Aneuploidy Headed?  
Have we done our last  
CVS and Amniocentesis? *Louise Wilkins-Haug, MD, PhD*  
11:00 Second Trimester Ultrasound Markers for Aneuploidy  
after First Trimester Screening and  
Cell Free DNA *Bryann S Bromley, MD*  
11:45 Questions and Answers  
12:00 **LUNCH RECESS**
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## SATURDAY, OCTOBER 11 (CON'T)

### PANEL ON ANOMALY DETECTION IN THE FIRST TRIMESTER

- Moderator: *Carol B Benson, MD*  
Fetal Heart *Alfred Abuhamad, MD*  
Screening 12-14 weeks  
Transabdominally *Bryann S Bromley, MD*  
The Transvaginal Scan *Ilan E Timor-Tritsch, MD*  
Question and Answers Session with Panel Speakers  
2:50 **BREAK and EXHIBITS**  
3:20 How and When to use Doppler in the Evaluation  
of Fetal well-being -Including Twins *Alfred Abuhamad, MD*  
4:00 Stopping Preterm Delivery - How Important is the  
Appearance of the Cervix? *Thomas D Shipp, MD*  
4:30 Proper Coding for OB GYN Ultrasound  
Including ICD-10 Codes *Joshua Copel, MD*  
5:00 Questions and Answers  
5:15 **ADJOURN**
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## SUNDAY, OCTOBER 12

### THE FETAL HEART

- 7:00 Continental Breakfast  
8:00 The Comprehensive Fetal  
Cardiac Exam *Alfred Abuhamad, MD*  
8:30 Just Images - Cardiac Unknown Cases *Joshua Copel, MD*  
9:00 Cardiac Interventions in Utero *Carol B Benson, MD*  
9:20 Noncardiac OB Interventions *Peter M Doubilet, MD, PhD*  
9:50 **BREAK and EXHIBITS**  
**UNUSUAL CASES AND WHAT I HAVE LEARNED FROM THEM**  
10:10 The Fetal CNS and Face *Carol B Benson, MD*  
10:50 The Fetal GI Tract *Joshua Copel, MD*  
11:20 The Fetal Thorax *Mary C Frates, MD*  
11:50 Questions and Answers  
12:10 **ADJOURN**

Program changes/substitutions may be made without notice.

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## COURSE LOCATION / ACCOMMODATIONS / TRAVEL

All sessions will be held at The Boston Park Plaza Hotel, 50 Park Plaza, Boston, MA 02116, (Telephone: 617-426-2000). A limited number of rooms have been reserved at The Boston Park Plaza Hotel, Boston, MA (Telephone: 800-225-2008) until September 9, 2014. Please specify that you are enrolled in this activity to receive a reduced room rate of \$259 per night Single/Double, \$279 Triple, \$299 Quads. Please do not purchase non-refundable airline ticket(s) until you have received an email from our office confirming your paid registration. For airline reservations contact the HMS Travel Desk toll free 1-877-4-HARVMD (1-877-442-7863) Monday - Friday 9 AM- 8 PM (EST). From outside the U.S., Canada and Virgin Islands, please call 617-559-3764.

## ACCREDITATION

The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of 17.25 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

The Royal College of Physicians and Surgeons of Canada recognizes conferences and workshops held outside of Canada that are developed by a university, academy, hospital, specialty society or college as accredited group learning activities.

AMA PRA Category 1 Credits™ claimed by physicians attending live events certified and organized in the United States for AMA PRA Category 1 Credits™ can be claimed through the agreement and mutual recognition of credits between UEMS and AMA, considered as being equal to the European Continuous Medical Education Credits (ECMEC©) granted by the UEMS. One AMA PRA Category 1 Credits™ is equivalent to one (1) hour of European EACCME Credit (ECMEC©), therefore up to 17.25 ECMEC© Credits are available. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

This offering also meets the criteria for 17 Formal Learning Cognates of ACOG and 17 CME units of the ADRMS.

This product [service] is not affiliated with or endorsed by ARDMS®.

## ACGME COMPETENCIES

This course is designed to meet one or more of the following Accreditation Council of Graduate Medical Education competencies:

- \* Patient care
- \* Practice-based learning and improvements
- \* Interpersonal and Communications Skills

## REGISTRATION INFORMATION

Physicians:	\$850 (USD)
Residents/Fellows/RTs/RDMSs:	\$650 (USD)
Allied Health Professionals	\$650 (USD)

Registration by credit card (VISA, MasterCard or American Express) can be made at:

[www.cme.hms.harvard.edu/courses/advancedsonography](http://www.cme.hms.harvard.edu/courses/advancedsonography).

Registration by check (draft on a United States bank), please make payable to Harvard Medical School—Department of Continuing Education, PO Box 417476, Boston, MA 02241-7476. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration an email confirmation from the HMS-DCE office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information including: registration confirmation, evaluation and certificate.

**In an effort to “Go Green”, each participant will receive an electronic syllabus only. We will no longer be providing paper versions.**

## INQUIRIES

By phone 617-384-8600, Monday-Friday, 10 AM to 4 PM (EST) or by email at: [hms-cme@hms.harvard.edu](mailto:hms-cme@hms.harvard.edu).

## ONLINE INFORMATION

To register or view activity information online, visit: [www.cme.hms.harvard.edu/courses/advancedsonography](http://www.cme.hms.harvard.edu/courses/advancedsonography).

## Advanced Sonography Symposium in OB/GYN Course #341523

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Physicians:	\$850 (USD)
Residents/Fellows/RTs/RDMSs:	\$650 (USD)
Allied Health Professionals:	\$650 (USD)

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### Print Name Clearly – All Fields Required

Full Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

Daytime Phone (\_\_\_\_\_) \_\_\_\_\_

Fax Number (\_\_\_\_\_) \_\_\_\_\_

PLEASE NOTE: Your email address is used for critical information about the course including; registration confirmation, course evaluation and certificate. Please be sure to include an email address you check daily or frequently.

Email Address \_\_\_\_\_

Please check if you wish to be excluded from receiving email notices of future Harvard Medical School - Department of Continuing Education programs

Profession \_\_\_\_\_ Degree \_\_\_\_\_

Primary Specialty (Physicians Only) \_\_\_\_\_

Board Certified: Yes  No

Professional School Attended (Physicians Only)

Harvard Medical School  U.S. Medical School  International

Year of Graduation \_\_\_\_\_

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## REFUND POLICY

A handling fee of \$60 is deducted for cancellation. Refund requests must be received by postal mail, email or fax one week prior this activity. No refunds will be made thereafter

## DISCLOSURE POLICY

Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS's policy that those who have influenced the content of a CME activity (e.g. planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

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Register at: [www.cme.hms.harvard.edu/courses/advancedsonography](http://www.cme.hms.harvard.edu/courses/advancedsonography)