



HARVARD MEDICAL SCHOOL

DEPARTMENT OF CONTINUING EDUCATION

ADVANCED SONOGRAPHY SYMPOSIUM IN OB/GYN

The Department of Radiology at the Brigham and Women's Hospital

October 5 - 7, 2012

at the

**Sheraton Boston Hotel
Boston, Massachusetts**

Program 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, & 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. The educational format will largely be didactic lectures supplemented by question and answer periods.

KEY TOPICS:

- Screening for Ovarian and Uterine Cancer
- Indepth Discussion of Fetal Cardiac Anomalies and Arrhythmias
- Preventing Preterm Birth
- Multiple Pregnancy Complications
- 11-14 Weeks Survey and Anomalies
- Legal Issues in OB GYN Ultrasound

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 **17.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This offering also meets the criteria for **17.75 Formal Learning Cognates** of ACOG and **17.75 CME** units of the ARDMS.

This product [service] is not affiliated with the ARDMS®.

LEARNING OBJECTIVE: Upon completion of this course, participants will be able to:

- Use full capabilities of their ultrasound equipment
- Make more accurate diagnoses with ultrasound
- Use ultrasound in conjunction with other diagnostic modalities, when appropriate, to solve clinical problems
- 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.

Dr. Benacerraf and Dr. Benson will direct a subsequent OB/GYN symposium in Boston in October 10-12, 2014.

ACGME COMPETENCIES: This course is designed to meet one or more of the following Accreditation Council of Graduate Medical Education Competencies: • Patient care • Medical knowledge • Practice-based learning and improvement • Interpersonal and communication skills

REGISTRATION INFORMATION: Registration by credit card (VISA or MasterCard) can be made at: www.cme.hms.harvard.edu/courses/advancedsonography. Registration by check (draft on a United States bank), please make payable to Harvard Medical School and mail with registration form to **Harvard Medical School-Department of Continuing Education, P.O. 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.

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

ONLINE INFORMATION: To register or view activity information online, visit: www.cme.hms.harvard.edu/courses/advancedsonography. To ensure proper registration, please add the **first three characters** of the source code found at the bottom of this registration form.

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.

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 to this activity. No refunds will be made thereafter.

COURSE LOCATION: All sessions for this course will be held at the **Sheraton Boston Hotel**, 39 Dalton Street, Boston, MA 02199 (Telephone: 617- 236-2000).

ACCOMMODATIONS/TRAVEL: A limited number of rooms have been reserved at the **Sheraton Boston Hotel**, (Telephone: 1-888-627-7054 or 617- 236-2000) until **September 21, 2012**. Please specify that you are enrolled in this course to receive a reduced room rate of \$245 per night Single/Double. Hotel arrangements can also be made online at: <https://www.starwoodmeeting.com/Book/HMS2012>. 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.

ADVANCED SONOGRAPHY SYMPOSIUM IN OB/GYN Class #321523

October 5-7, 2012

Tuition Fee: \$800 (USD)

Please Print Clearly. All Fields Required.

Full Name _____
First Middle Initial Last

Mailing Address _____
Street City State Zip Code

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.

E-Mail Address _____

Please check if you want 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 _____

Online registrants--add the first three characters of the source code here →

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ADVANCED SONOGRAPHY SYMPOSIUM IN OB/GYN

Program of Events

Friday, October 5, 2012

		Moderator: Beryl R. Benacerraf, MD
8:00 - 8:30	Minimally Invasive Treatment of Unusual Ectopics	Peter M. Doubilet, MD, PhD
8:30 - 9:10	When to Call a GYN Oncologist	Ilan E. Timor-Tritsch, MD
9:10 - 9:40	Ultrasound in Patients with Bleeding	James M. Shwayder, MD, JD
9:40 - 10:10	Ultrasound in Infertility	Mary C. Frates, MD
10:10 - 10:20	Questions and Answers	
10:20 - 10:50	<i>BREAK</i>	
10:50 - 11:30	Ultrasound Screening for Ovarian & Uterine Cancer	Stuart Campbell, DSc, FRCP, FRCOG
11:30 - 12:00	3D Ultrasound in Patients with Pelvic Pain	Beryl R. Benacerraf, MD
12:00 - 12:15	Questions and Answers	
12:15 - 1:30	<i>LUNCH RECESS</i>	

		Moderator: Bryann S. Bromley, MD
1:30 - 2:00	Mistakes to Avoid in the First Trimester	Peter M. Doubilet, MD, PhD
2:00 - 2:30	11-14 Week Fetal Survey and Anomalies	Ilan E. Timor-Tritsch, MD
2:30 - 3:00	Fetal Infections	Yves Villes, MD
3:00 - 3:30	<i>BREAK</i>	
3:30 - 4:00	Legal Issues in OB GYN Ultrasound	James M. Shwayder, MD, JD
4:00 - 4:30	Importance of the Corpus Callosum and Cavum Septum Pellucidum	Bryann S. Bromley, MD
4:30 - 5:00	Fetal Facial Syndromes	Beryl R. Benacerraf, MD
5:00 - 5:15	Questions and Answers	
5:15	<i>ADJOURN</i>	

Saturday, October 6, 2012

		Moderator: Carol B. Benson, MD
8:00 - 8:40	Advanced Overview of Cardiac Anomalies	Beryl R. Benacerraf, MD
8:40 - 9:20	3D in Fetal Echocardiography	Alfred Abuhamad, MD
9:20 - 10:00	Fetal Arrhythmias	Joshua Copel, MD
10:00 - 10:10	Questions and Answers	
10:10 - 10:40	<i>BREAK</i>	
10:40 - 11:10	Hypoplastic Left Heart Syndrome	Alfred Abuhamad, MD
11:10 - 11:45	Cardiac Interventions in Utero	Carol B. Benson, MD
11:45 - 12:00	Questions and Answers	
12:00 - 1:15	<i>LUNCH RECESS</i>	

		Moderator: Yvette S. Groszmann, MD
1:15 - 1:55	Multiple Pregnancies: Complications & Treatment	Yves Villes, MD
1:55 - 2:35	Preventing Preterm Birth—Cervical Length & Progesterone	Stuart Campbell, DSc, FRCP, FRCOG
2:35 - 2:45	Questions and Answers	
2:45 - 3:15	<i>BREAK</i>	
3:15 - 3:55	Doppler and IUGR	Alfred Abuhamad, MD
3:55 - 4:35	Neglected Structures—Placenta, Cord, Amniotic Fluid	Ilan E. Timor-Tritsch, MD
4:35 - 5:00	How to Get Paid for What You Do (Coding and Billing)	Joshua Copel, MD
5:00 - 5:15	Questions and Answers	
5:15	<i>ADJOURN</i>	

Sunday, October 7, 2012

		Moderator: Thomas D. Shipp, MD
8:00 - 8:40	Borderlines & Controversial Findings – What Do We Do?	Bryann S. Bromley, MD
8:40 - 9:20	Fetal Skeletal Anomalies	Carol B. Benson, MD
9:20 - 9:50	Screening for Aneuploidy	Louise Wilkins-Haug, MD, PhD
9:50 - 10:00	Questions and Answers	
10:00 - 10:30	<i>BREAK</i>	
10:30 - 11:10	How to Incorporate First & Second Trimester Ultrasound to Enhance Aneuploidy Detection	Bryann S. Bromley, MD
11:10 - 12:00	Just Images – Interesting Cases & Pitfalls	Thomas D. Shipp, MD
12:00 - 12:15	Questions and Answers	
12:15	<i>ADJOURN</i>	

Please Note: Program changes/substitutions may be made without notice.

GUEST FACULTY

- Alfred Abuhamad, MD:** Professor of Obstetrics and Gynecology, Chairman of the Department of Obstetrics and Gynecology, Eastern Virginia Medical School, Norfolk, VA
- Professor Stuart Campbell DSc, FRCP, FRCOG:** Consultant, Reproduction and Advanced Technology and Director of Ultrasound, Create Health, London; Founder of the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG)
- 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
- James M. Shwayder, MD, JD:** Associate Professor, Director: Gynecology, Director: Fellowship in Minimally Invasive Gynecologic Surgery, University of Louisville, Louisville, KY
- Ilan E. Timor-Tritsch, MD:** Professor of Obstetrics and Gynecology; Director, Division of Obstetrics and Gynecology Ultrasound, New York University School of Medicine, New York, NY
- Yves Villes, MD:** Professor and Chairman of the Department of Obstetrics and Fetal Medicine at Necker-Enfants-Malades Hospital, Paris Descartes University, Poissy, France

HARVARD MEDICAL SCHOOL FACULTY

- Beryl R. Benacerraf, MD:** Clinical Professor of Obstetrics and Gynecology, Clinical Professor of Radiology; High Risk Obstetrical Ultrasound, Brigham and Women's Hospital, Boston, MA
- Carol B. Benson, MD:** Professor of Radiology; Director of Ultrasound, Co-Director of High Risk Obstetrical Ultrasound, 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:** Associate Professor of Radiology; Assistant Director 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; High Risk Obstetrical Ultrasound, Brigham and Women's Hospital, Boston, MA
- Louise 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