Ultrasound/
Women’s Imaging

April 29 - May 2, 2007
The Westin Copley Place
Boston, Massachusetts

Program Directors
Carol B Benson, MD
Peter M Doubilet, MD, PhD
Robyn L Birdwell, MD

<table>
<thead>
<tr>
<th>Program</th>
<th>Dates</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Entire Program</td>
<td>April 29-May 2</td>
<td>28 Credits</td>
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<tr>
<td>Ultrasound</td>
<td>April 29-May 1</td>
<td>21 Credits</td>
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<tr>
<td>Women’s Imaging</td>
<td>April 30-May 2</td>
<td>21 Credits</td>
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<tr>
<td>Obstetrical and Gynecological Ultrasound</td>
<td>April 30-May 1</td>
<td>14 Credits</td>
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<tr>
<td>Breast Imaging</td>
<td>May 2</td>
<td>7 Credits</td>
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COURSE DESCRIPTION

The thirty-second annual course on Ultrasound/Women’s Imaging begins with one day of General Ultrasound and Doppler and two days devoted to Obstetrical and Gynecological Ultrasound. This is followed by a day devoted to Breast Imaging, to complete the Women’s Imaging portion of the program.

OBJECTIVES

The course will provide an updated overview of current ultrasound and Doppler practices and techniques and discuss new developments in breast imaging. Upon completion of the course, the practitioner will be able to refine and expand the use of imaging in clinical practice.

KEY TOPICS

- Fetal Anomalies
- 3D Ultrasound in Obstetrics
- MRI in Obstetrics
- Doppler in Obstetrics
- First Trimester Ultrasound
- First Trimester Aneuploidy Screening
- Infertility
- Ovarian Ultrasound
- Abdominal and Carotid Doppler
- Thyroid Ultrasound
- Pitfalls in Abdominal Ultrasound
- Breast MRI
- Breast Imaging and Interventional Procedures

WHO SHOULD ATTEND

The Ultrasound/Women’s Imaging course is aimed at radiologists involved in ultrasound, radiology residents, and sonographers. The Women’s Imaging course is directed toward radiologists in practice and in training, obstetricians and gynecologists with an interest in imaging, and sonographers.
GUEST FACULTY

Peter W Callen, MD: Professor of Obstetrics, Gynecology and Reproductive Sciences, University of California San Francisco, San Francisco, CA

Gretchen E Green, MD: Greensboro Radiology, Greensboro, NC

Wesley Lee, MD: Clinical Associate Professor, Department of Obstetrics and Gynecology, Wayne State University; Division of Fetal Imaging, William Beaumont Hospital, Royal Oak, MI

Laurence Needleman, MD: Associate Professor of Radiology, Jefferson Medical College; Associate Director, Ultrasound, Co-Director, Non-Invasive Vascular Laboratory, Thomas Jefferson University Hospital, Philadelphia, PA

Philip W Ralls, MD, FACR: Professor of Radiology, LA County + USC Medical Center, Keck School of Medicine University of Southern California, Los Angeles, CA

HARVARD MEDICAL SCHOOL FACULTY

Beryl R Benacerraf, MD: Clinical Professor of Obstetrics, Gynecology and Radiology; Brigham and Women’s Hospital

Carol B Benson, MD: Professor of Radiology; Director, Division of Ultrasound, Co-Director, High Risk Obstetrical Ultrasound, Brigham and Women’s Hospital

Robyn L Birdwell, MD: Associate Professor of Radiology; Section Head, Division of Breast Imaging, Brigham and Women’s Hospital

Christine M Denison, MD: Instructor in Radiology; Brigham and Women’s Hospital

Deborah A R Dillon, MD: Assistant Professor of Pathology; Breast Pathologist, Brigham and Women’s Hospital and Dana-Farber Cancer Institute

Peter M Doubilet, MD, PhD: Professor of Radiology; Senior Vice Chair of Radiology, Brigham and Women’s Hospital

Sara M Durfee, MD: Assistant Professor of Radiology; Brigham and Women’s Hospital

Mary C Frates, MD: Associate Professor of Radiology; Assistant Director, Division of Ultrasound, Director, Radiology Fellowship Programs, Brigham and Women’s Hospital

Elisabeth P Frost, MD: Instructor in Radiology; Brigham and Women’s Hospital

Marie D Gerhard-Herman, MD: Associate Professor of Medicine; Medical Director, Noninvasive Vascular Laboratory, Brigham and Women’s Hospital

Elizabeth S Ginsburg, MD: Associate Professor of Obstetrics, Gynecology and Reproductive Biology; Medical Director of IVF, Brigham and Women’s Hospital

Eva C Gombos, MD: Instructor in Radiology; Brigham and Women’s Hospital

Faye C Laing, MD: Professor of Radiology; Brigham and Women’s Hospital

Beth-Ann Lesnikoski, MD: Instructor in Surgery; Breast Surgeon, Brigham and Women’s Hospital, Dana-Farber Cancer Institute

Deborah Levine, MD: Associate Professor of Radiology; Co-Chief of Ultrasound, Beth Israel Deaconess Medical Center

Jack E Meyer, MD: Professor of Radiology; Director of Breast Imaging, Dana-Farber Cancer Institute

Sughra Raza, MD: Assistant Professor of Radiology; Director, Women’s Imaging Program, Associate Director, Breast Imaging, Brigham and Women’s Hospital

Darrell H Smith, MD, MSc: Assistant Professor of Radiology, Faculty Assistant Dean for Admissions, Harvard Medical School; Director of Breast Imaging Research, Brigham and Women’s Hospital

Lawrence M Vincent, MD: Instructor in Radiology; Brigham and Women’s Hospital

Louise E Wilkins-Haug, MD, PhD: Associate Professor of Obstetrics, Gynecology, and Reproductive Biology; Director, Maternal Fetal Medicine and Reproductive Genetics, Brigham and Women’s Hospital

Jeremy M Wolfe, PhD: Professor of Ophthalmology; Head, Visual Attention Lab, Brigham and Women’s Hospital
SUNDAY, APRIL 29

7:00 Registration / Continental Breakfast
Moderator: Dr Doubilet

7:55 Welcome and Introduction Doubilet
8:00 Ultrasound Evaluation of the Acute Abdomen Doubilet
8:40 Abdominal Doppler (Excluding the Liver) Needleman
9:20 Color Doppler Sonography of the Native Liver Ralls
10:00 Break
10:30 Renal Ultrasound and Other Imaging Needleman
11:10 Scrotal Ultrasound: Everything You Want to Know But Are Afraid to Ask Laing
11:50 Questions and Answers Morning Speakers
12:05 Lunch Recess

MONDAY, APRIL 30

7:00 Registration / Continental Breakfast
Moderator: Dr Benson

7:55 Welcome and Introduction Benson
8:00 Anomalies of the Fetal Thorax Benson
8:40 Pitfalls in First Trimester Ultrasound Doubilet
9:20 Fetal Heart: Screening and 4D Ultrasound Lee
10:00 Break - Visit Exhibits
10:30 Doppler in Obstetrics Benson
11:10 Fetal MRI: A Complementary Diagnostic Imaging Modality for Obstetrical Ultrasound Lee
11:50 Questions and Answers Morning Speakers
12:05 Lunch Recess

Moderator: Dr Frates

1:20 Ultrasound Contrast Agents Ralls
1:50 Controversies in Venous Ultrasound Needleman
2:30 Pancreatic Sonography: What's New Ralls
3:10 Break
3:40 Challenges in Thyroid Ultrasound Frates
4:20 Carotid Ultrasound Gerhard-Herman
5:00 Questions and Answers Afternoon Speakers
5:15 Adjourn

TUESDAY, MAY 1

7:00 Continental Breakfast
Moderator: Dr Benson

8:00 Interventional Procedures in OB/Gyn Doubilet
8:40 Fetal Genitourinary Tract Benson
9:20 Ultrasound Evaluation of the Placenta Callen
10:00 Break - Visit Exhibits
10:30 Screening for Aneuploidy in the First Trimester: Is There One Best Approach? Wilkins-Haug
11:10 Ultrasound Evaluation of the Fetal Skeletal System Callen
11:50 Questions and Answers Morning Speakers
12:05 Lunch Recess

Moderator: Dr Doubilet

1:30 Ultrasound in the Infertility Patient Frates and Ginsburg
2:10 Artifacts, Pitfalls and Normal Variants in OB/Gyn Ultrasound Callen
2:50 Break - Visit Exhibits
3:20 Ultrasound of the Ovary Vincent
4:00 Solving Problems in Pelvic Ultrasound with MRI Levine
4:40 Questions and Answers Afternoon Speakers
5:00 Adjourn

WEDNESDAY, MAY 2

7:00 Registration / Continental Breakfast
Moderator: Dr Birdwell

7:50 Welcome and Introduction Birdwell
8:00 Pathology: Interaction with Imaging; Core Biopsy Assessment Dillon
8:30 Surgery: Increasing Efforts Toward Breast Preservation Lesnikoski
9:00 How Do We See What We "See"? Wolfe
9:45 Normal and Normal Variants - Which Findings Don’t Need Biopsy? Denison
10:15 Break - Visit Exhibits
10:45 Calcifications: Perception and Management Frost
11:15 Imaging Implants and The Reconstructed Breast Green
11:45 Question and Answer Session Morning Speakers
12:15 Lunch Recess

Moderator: Dr Meyer

1:15 Imaging Findings after Conservative Treatment of Breast Cancer Meyer
2:00 Breast Ultrasound: BI-RADS Lexicon: Daily Use and Novel Applications Raza
2:30 Breast MR - Clinical Uses and Intervention Gombos
3:15 Break
3:45 Image-Guided Breast Biopsy: Practical Pointers Smith
4:45 Question and Answer Session Afternoon Speakers
5:00 Adjourn
REGISTRATION INFORMATION
For specific tuition fees, see the registration form. All foreign payments must be made by a draft on a United States bank, or by Visa or Mastercard. If paying by check, make it payable to Harvard Medical School and mail with the completed registration form to: Harvard Medical School, Department of Continuing Education, PO Box 825, Boston, MA 02117-0825. If paying by credit card, fax the completed registration form to (617) 384-8686, register online at www.cme.hms.harvard.edu, or mail it to the above address. Telephone registrations are not accepted. Inquiries should be directed to the above address, made by phone: (617) 384-8600, Monday-Friday, 10 am to 4 pm (EST), or by e-mail: hms-cme@hms.harvard.edu.

Please note: Program changes/substitutions may be made without notice. Upon receipt of registration, a confirmation letter will be mailed to the address listed on the form.

ACCREDITATION
Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Harvard Medical School designates this educational activity for a maximum of 28 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

ONLINE INFORMATION
To register or view course information online, visit Harvard Medical School Department of Continuing Education's home page: http://cme.med.harvard.edu/courses/ultrasound2007
To ensure proper registration, please add the source code found at the bottom of the registration form.

REFUND POLICY
A handling fee of $60 is deducted for cancellation. Refund requests must be received by mail or fax one week prior to the course. No refunds will be made thereafter.

ACCOMMODATIONS / COURSE LOCATION
Hotel rooms in Boston are limited. You are urged to make your reservations early. A limited number of rooms have been reserved at the Westin Copley Place, Ten Huntington Avenue, Boston, MA, (617) 262-9600 until April 9, 2007. Please specify that you are enrolled in the Ultrasound/Women's Imaging course to receive a reduced room rate.
Ultrasound/Women's Imaging
April 29 - May 2, 2007

I wish to enroll in: Physicians Residents, * Fellows, * Students

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<th>Physicians</th>
<th>Residents, *</th>
<th>Fellows, *</th>
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<tr>
<td>Four-day Ultrasound/Women's Imaging</td>
<td>$850</td>
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<tr>
<td>Two-day OB/Gyn Ultrasound</td>
<td>$500</td>
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<td>One-day Breast Imaging</td>
<td>$275</td>
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* A letter of verification from Department Chair must accompany registration form for a reduced trainee fee.

Tuition Fee: $ ____________

Source Code: X

Please Print Clearly

Last   First   Middle Initial

Degree

Street

City   State   Zip Code

Daytime Phone   Fax Number

Email Address

Professional School Attended   Year of Graduation

Profession

Principal Specialty   Board Certified:   Yes ___   No ___

Organization Affiliation

Form of Payment (please check one)

Check is enclosed:

Please make your check payable to Harvard Medical School and mail it with this registration form to: Harvard Medical School, Department of Continuing Education, PO Box 825, Boston, MA 02117-0825

Bill my credit card: □   □ VISA   □ MASTERCARD

Credit Card Number ____________-__________-__________-__________

Expiration Date ____________ Signature ____________

Name as it appears on card ____________

Registrations paid by credit card can be faxed to 617-384-8686, or mailed to the above address.

Tuition Fee: $ ____________

Online registrants - add the source code found here -->

Source Code: X