IMAGING PERSPECTIVE IX: ADVANCES IN CLINICAL SONOGRAPHY

Saturday, October 4, and Sunday, October 5, 2003

The Houstonian Hotel
111 North Post Oak Lane, Houston, Texas

Program Director: Mahesh K. Shetty, MD, FRCR
Program Co-Directors: Monica L. Huang, MD, and Kelli A. Cohen, MD
Program Coordinator: Beverly A. Osterloh

CONFERENCE OVERVIEW

The use of ultrasound for medical diagnosis and interventional procedures has been rapidly expanding as described in the medical literature. There is a need to provide radiologists and sonographers with an overview of abdominal, pelvic, obstetrical, vascular, and small part ultrasound. This need was confirmed by a survey of local radiologists and sonographers as well as a review of previous continuing medical education evaluations. In addition, several major ultrasound accreditation organizations, including the American College of Radiology and the American Institute of Ultrasound in Medicine, have also recommended minimum continuing education requirements for both physicians and sonographers.

TARGET AUDIENCE

Radiologists, Obstetricians, Gynecologists, Family Physicians, Internists, Surgeons, Sonographers, Radiology Technologists, and Physician Assistants.

OBJECTIVES

At the conclusion of the activity, the participant should be able to:
• Identify the major sonographically-detectable abnormalities of the first trimester, multi-gestational pregnancy, and fetal growth, alloimmunization, heart, and central nervous system
• Identify the sonographic features of common masses of the breast, adnexa, and uterus
• Review the physical principles of ultrasound and Doppler imaging
• Discuss uses of sonography in the evaluation of the pediatric hip, adult musculoskeletal system, gallbladder and biliary tract
• Identify major renal and brain malformations and acquired conditions detectable with sonography during the neonatal period.

EDUCATIONAL METHODS

Lectures • Case Presentations • Syllabus

EVALUATIONS

Evaluation by questionnaire will address program content, presentation, and possible bias.
**ACCREDITATION /CREDIT DESIGNATION**

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Baylor College of Medicine and The Houston Radiological Society. Baylor College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Baylor College of Medicine designates this educational activity for a maximum of 15.0 category 1 credits toward the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

Cognate hours have been applied for with the American College of Obstetricians and Gynecologists.

Society of Diagnostic Medical Sonography credit hours are pending.

### PROGRAM

**SATURDAY, OCTOBER 4, 2003**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Registration/Continental Breakfast</td>
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<tr>
<td>7:55</td>
<td>Welcoming Remarks and Announcements</td>
<td>Mahesh K. Shetty, MD</td>
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<tr>
<td>8:00</td>
<td><strong>Moderator:</strong> Monica L. Huang, MD</td>
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<tr>
<td>8:00</td>
<td>Sonography of the Fetal Heart</td>
<td>Carol B. Benson, MD</td>
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<td>8:30</td>
<td>Fetal Interventional Procedures</td>
<td>Carol B. Benson, MD</td>
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<tr>
<td>9:00</td>
<td>How to Evaluate Fetal Age and Growth</td>
<td>Alfred B. Kurtz, MD</td>
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<td>9:30</td>
<td>Sonography of the Fetal Neural Axis</td>
<td>Alfred B. Kurtz, MD</td>
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<td>10:00</td>
<td>Break and Visit Exhibits</td>
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<td>10:15</td>
<td>Ultrasound in the Diagnosis and Treatment of Infertility</td>
<td>Carol B. Benson, MD</td>
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<tr>
<td>10:45</td>
<td>Sonography of the Placenta, Umbilical Cord and Membranes</td>
<td>Carol B. Benson, MD</td>
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<td>11:15</td>
<td>Sonography of the Fetal GI System</td>
<td>Alfred B. Kurtz, MD</td>
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<td>11:45</td>
<td>Markers for the Genetic Sonogram</td>
<td>Carol B. Benson, MD</td>
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<td>12:15 PM</td>
<td>Lunch and Visit Exhibits</td>
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<tr>
<td>1:15</td>
<td>Imaging of Maternal Complications in Pregnancy</td>
<td>Mahesh K. Shetty, MD</td>
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<td>1:45</td>
<td>Sonography as an Adjunct to Mammography</td>
<td>Mahesh K. Shetty, MD</td>
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<td>2:15</td>
<td>Detection of Ovarian Cancer with CT-MR Correlation</td>
<td>Alfred B. Kurtz, MD</td>
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<tr>
<td>2:45</td>
<td>Ultrasound and Doppler Evaluation of Ectopic Pregnancy</td>
<td>Alfred B. Kurtz, MD</td>
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3:15 Break and Visit Exhibits

3:35 **Sonography of the Uterus**
Phebe C. Chen, MD

4:05 **Sonography of the First Trimester**
Yogesh P. Shah, MD

4:45 **Postmenopausal Bleeding**
Leroy J. Leeds, MD, Patricia A. Athey, MD

5:30 Adjourn for the Day

**SUNDAY, OCTOBER 5, 2003**

7:30 AM Continental Breakfast

7:55 Announcements
Mahesh K. Shetty, MD

**Moderator: Suhas G. Parulekar, MD**

8:00 **Sonography of Liver Masses**
William D. Middleton, MD

8:30 **Doppler Evaluation of the Liver**
William D. Middleton, MD

9:00 **Extra Cranial Carotid Ultrasound**
Phebe C. Chen, MD

9:30 **Sonography of the Peripheral Venous System**
Phebe C. Chen, MD

10:00 Break and Visit Exhibits

10:15 **Ultrasound, Children, Sheep and Goats**
Christopher I. Cassady, MD

11:15 **Pediatric Testicular Ultrasound**
Martha M. Munden, MD

11:45 **Neurosography**
R. Paul Guillerman, MD

12:15 PM Lunch and Visit Exhibits

**Moderator: Deepak G. Bedi, MD**

1:00 **Advanced Gall Bladder Sonography**
William D. Middleton, MD

1:40 **Color Doppler Image Interpretation and Optimization**
William D. Middleton, MD

2:30 **Sonography of the Bile Ducts**
Suhas G. Parulekar, MD

3:00 Break

3:15 **Musculoskeletal Sonography**
William D. Middleton, MD

4:15 **Sonography of the Thyroid and Parathyroid Masses**
Suhas G. Parulekar, MD

4:45 **Quiz Cases**
Monica L. Huang, MD

5:00 Conference Adjourns

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It is the policy of Baylor College of Medicine (Baylor) that the provider and faculty/presenters disclose any significant financial or other relationships with commercial companies whose products may be discussed in the activity, or the commercial supporters, if any. Baylor also requires that faculty disclose any unlabeled use or investigational use (not yet approved for any purpose) of pharmaceutical and medical device products. Specific disclosure will be made to the participants prior to the educational activity.

Faculty, topics, program schedule, and credit are subject to change.

Audio or videotaping is prohibited without written permission from the Program Director and the Office of Continuing Medical Education.
**GUEST FACULTY**

Carol B. Benson, MD  
Professor of Radiology  
Harvard Medical School  
Brigham and Women's Hospital  
Boston, Massachusetts

Alfred B. Kurtz, MD  
Professor of Radiology  
Jefferson Medical College  
Thomas Jefferson University Hospital  
Philadelphia, Pennsylvania

William D. Middleton, MD, FACR  
Professor of Radiology  
Section of Abdominal Imaging & Diagnostic Ultrasound  
Mallinckrodt Institute of Radiology  
Washington University School of Medicine  
St. Louis, Missouri

**LOCAL FACULTY**

Patricia A. Athey, MD  
Professor of Radiology  
Baylor College of Medicine  
Ben Taub Hospital  
Houston, Texas

Deepak G. Bedi, MD  
Professor of Radiology  
The University of Texas MD Anderson Cancer Center  
Houston, Texas

Christopher I. Cassady, MD  
Assistant Professor of Radiology  
Director, Pediatric Radiology Residency Program  
Baylor College of Medicine  
Texas Children's Hospital  
Houston, Texas

Phebe C. Chen, MD  
Associate Professor of Radiology and Chief of Ultrasound  
The University of Texas Medical School  
Memorial Hermann Hospital  
Houston, Texas

Kelli A. Cohen, MD  
Clinical Assistant Professor of Radiology  
Baylor College of Medicine  
Ben Taub Hospital  
Houston, Texas

R. Paul Guillerman, MD  
Assistant Professor of Radiology  
Baylor College of Medicine  
Texas Children's Hospital  
Houston, Texas

Monica L. Huang, MD  
Clinical Assistant Professor of Radiology  
Baylor College of Medicine  
St. Luke's Episcopal Hospital  
Houston, Texas

Leroy J. Leeds, MD  
Clinical Associate Professor of Obstetrics & Gynecology  
Baylor College of Medicine  
The University of Texas Medical School  
Women's Hospital of Texas  
Houston, Texas

Martha M. Munden, MD  
Assistant Professor of Pediatric Radiology  
Baylor College of Medicine  
Texas Children's Hospital  
Houston, Texas

Suhas G. Parulekar, MD  
Professor of Radiology  
The University of Texas MD Anderson Cancer Center  
Houston, Texas

Yogesh P. Shah, MD  
Clinical Assistant Professor of Radiology  
Baylor College of Medicine  
Chairman of Radiology  
Woman's Hospital of Texas  
Houston, Texas

Mahesh K. Shetty, MD, FRCR  
Clinical Associate Professor of Radiology  
Baylor College of Medicine  
Woman's Hospital of Texas  
Houston, Texas
**REGISTRATION FORM**

**IMAGING PERSPECTIVE IX: ADVANCES IN CLINICAL SONOGRAPHY**

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The Houstonian Hotel, 111 North Post Oak Lane, Houston, Texas

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**REGISTRATION FEE** (please indicate category)

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*verification required

**PAYMENT METHOD** (specify)

- [ ] CHECK (in U.S. Funds) made payable to Baylor College of Medicine
- [ ] CREDIT CARD
  - [ ] VISA®
  - [ ] MasterCard®
  - [ ] DISCOVER®

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Special Dietary Needs (specify)

Contact OCME if you have any ADA accommodation needs.

Include me in email notifications for CME activities.

Your registration must be prepaid.

**FOR OFFICIAL USE ONLY**

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Your completed registration form and payment should be returned to:

Baylor College of Medicine
Office of Continuing Medical Education (1180)
P.O. Box 297621
Houston, Texas  77297

Prior to 9/5/03 After 9/5/03

- [ ] $400 Physicians (2 days)
- [ ] $300 Physicians (1 day)
- [ ] $350 Members of HRS (2 days)
- [ ] $275 Members of HRS (1 day)
- [ ] $175 Sonographers, Technologists, PAs
- [ ] $60 Fellows/Residents*

*verification required

Return completed registration form and payment to:

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P.O. Box 297621
Houston, Texas 77297
FEE, REGISTRATION AND CONFIRMATION INFORMATION

Continental breakfasts, breaks, lunch each day, and a course syllabus are included in the registration fee. Verification of Fellow or Resident status must accompany registration form.

Refer to the registration form for the fee schedule. Your registration will not be processed until payment is received. Your registration will be confirmed. If you have not received confirmation at least 5 business days before the activity start date, contact the Office of Continuing Medical Education (OCME) immediately.

If you plan to register on-site, contact OCME at least 24 hours in advance to confirm activity status and space availability. The OCME reserves the right to limit the number of participants in an activity and will not be responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

Payment must be in U.S. funds, payable to Baylor College of Medicine.

REFUND AND ACTIVITY CANCELLATION POLICY

Requests for registration refunds must be in writing and received by the Office of Continuing Medical Education (OCME) at least 10 business days before the activity begins. The date the request is received by the OCME will be considered the cancellation date. Requests received after the refund deadline will not be processed. Cancellations are subject to a $50 administrative fee deducted from the registration fee paid to cover guarantees and other expenses. Requests should be mailed to the OCME or faxed to 713.798.7955.

The OCME reserves the right to cancel activities, not less than 10 business days before the scheduled date, if extenuating circumstances make it necessary. Registrants will be notified at the contact number indicated on the registration form followed by written notification. If an activity is cancelled, OCME’s liability is limited to the registration fee paid.

CONFERENCE ACCOMMODATIONS

The Houstonian Hotel, 111 North Post Oak Lane, Houston, Texas 77024
Phone: 713.680.2626    Fax: 713.680.2992

Accommodations should be arranged directly with the hotel prior to September 12, 2003. Reservations made after that date are subject to availability. Please identify yourself with the Baylor College of Medicine Radiology Conference when making reservations in order to benefit from the special group rate ($165.00 single/double). Please make hotel reservations early – a limited number of rooms have been blocked for the conference.

The Houstonian, nestled on 18 wooded acres in the heart of The Galleria area, is a member of Preferred Hotels & Resorts Worldwide. This AAA Four Diamond and Mobile Four Star award winner is six miles from downtown and ten minutes from the George R. Brown Convention Center and two miles from The Galleria shopping center. Complimentary scheduled town car service is available to The Galleria for hotel guests. The hotel is approximately 30 minutes from both airports. Transportation is available with Express Shuttle USA at a current rate of $20 one-way for George Bush Intercontinental and $15 one-way for Hobby Airport. Special discounts available for round-trip ticket at time of initial purchase. Private town cars and limousines can be arranged through Guest Services. Taxi transfers for airports range between $40-$60. The Houstonian is located one block west of West Loop 610 on Post Oak Lane off the Woodway and Memorial Drive.

FOR FURTHER INFORMATION CONTACT

Baylor College of Medicine
Office of Continuing Medical Education    Phone: 713.798.8237
1709 Dryden, Suite 1218    Fax: 713.798.6600
Houston, Texas 77030    Email: cme@bcm.tmc.edu

Visit our Website located at: www.bcm.tmc.edu/cme for information about other Baylor College of Medicine CME activities.
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