Focus

The focus of this conference is to provide instruction in the routine and unique applications of ultrasound in the cancer patient. Presentations, both didactic and practical workshops, will cover a range of organ systems involving a variety of cancers with their respective diagnoses, management, complications and outcomes. Physicians and sonographers will also have an opportunity to participate in hands-on demonstrations on state-of-the-art ultrasound equipment, as well as to interact directly with the faculty.

Educational Objectives

At the conclusion of this educational activity, participants should be able to

• perform a high-quality diagnostic ultrasound examination of multiple organ systems and improve sonographic technique accordingly (*knowledge, competence, performance, patient outcomes*);

• identify and characterize sonographic findings of critical entities in the various organ systems (*knowledge, competence, performance, patient outcomes*);

• describe technical and diagnostic pitfalls and corrective actions (*knowledge, competence, performance, patient outcomes*);

• identify urgent findings that require immediate clinical intervention (*knowledge, competence, performance, patient outcomes*); and

• discuss the new technologies and innovations in ultrasound and their clinical applications (*knowledge*).
Target Audience

This conference should be of interest to physicians (radiologists, oncologists, and surgeons), radiology residents/fellows and medical sonographers.

Educational Methods

- Lectures
- Case Presentations
- Audience Response System
- Hands-on Workshop
- Pre- and Post-Tests
- Question-and-Answer Sessions

Accreditation/Credit Designation

The University of Texas MD Anderson Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Texas MD Anderson Cancer Center designates this educational activity for a maximum of 14.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Course Directors

Deepak G. Bedi, MD
Professor
Diagnostic Radiology
Director, Body Ultrasound

Madhavi Patnana, MD
Assistant Professor
Diagnostic Radiology

Lumarie Santiago, MD
Assistant Professor
Diagnostic Radiology

Committee Members

Randy D. Ernst, MD
Associate Professor
Diagnostic Radiology

Rhoda Reading, RT, RDMS, RVT
Manager, Diagnostic Imaging Ultrasound

Judi Williams, BS
Senior Conference Coordinator
CME/Conference Management

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

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

Mostafa Atri, MD
Professor of Radiology
Head, Abdominal Division & Director of CME
Department of Medical Imaging
University of Toronto
Toronto, Canada

Ellen Mendelson, MD
Professor of Radiology
Northwestern University
Feinberg School of Medicine
Chicago, Illinois

William D. Middleton, MD
Professor, Division of Diagnostic Radiology
Abdominal Imaging Section
Washington University
School of Medicine
St. Louis, Missouri

MD Anderson

Deepak G. Bedi, MD
Professor, Diagnostic Radiology
Director, Body Ultrasound

Priya R. Bhosale, MD
Assistant Professor
Diagnostic Radiology

Beth S. Edeiken-Monroe, MD
Professor
Diagnostic Radiology

Randy D. Ernst, MD
Associate Professor
Diagnostic Radiology

Marshall E. Hicks, MD
Professor and Division Head
Diagnostic Imaging

Deanna Lane, MD
Assistant Professor
Diagnostic Radiology

Ott Le, MD
Assistant Professor
Diagnostic Radiology

Armeen Mahvash, MD
Assistant Professor
Diagnostic Radiology

Leonardo Marcal, MD
Assistant Professor
Diagnostic Radiology

Madhavi Patnana, MD
Assistant Professor
Diagnostic Radiology

Maia Rauch, MD
Assistant Professor
Diagnostic Radiology

Lumarie Santiago, MD
Assistant Professor
Diagnostic Radiology
Friday, April 20, 2012

7:00 am    Registration and Breakfast

7:50
Welcoming Remarks
Marshall E. Hicks, MD

7:55
Program Notes
Deepak G. Bedi, MD

PLENARY SESSION I
Moderator: Deepak G. Bedi, MD

8:00
Innovations in Ultrasound and Applications in Cancer
Deepak G. Bedi, MD

8:30
Acute Pelvic Pain: Gynecologic Conditions
Patricia A. Athey, MD

9:00
Ultrasound Imaging of Acute Pain: Non-Gynecologic Conditions
Mostafa Atri, MD

9:30
Sonography of Scrotal Masses
William D. Middleton, MD

10:00
Questions and Answers

10:15
Break
PLENARY SESSION II
Moderator: Madhavi Patnana, MD

10:30
Doppler Evaluation of the Kidney
William D. Middleton, MD

11:00
Contrast Enhanced Ultrasound: Renal and Ovarian Mass Characterization
Mostafa Atri, MD

11:30
Doppler Evaluation of the Liver
William D. Middleton, MD

Noon
Questions and Answers

12:15 pm
Lunch (provided) / Department Tour / View Interesting Cases

PLENARY SESSION III
Moderator: Randy D. Ernst, MD

1:30
Case-based Learning: General
Madhavi Patnana, MD

2:00
Sonography of the Parathyroids
William D. Middleton, MD

2:30
Sonography of the Thyroid Nodules
William D. Middleton, MD

3:00
Role of Elastography in US Evaluation of Breast Masses
Ellen Mendelson, MD
WORKSHOP SESSION I

3:30
(A) Percutaneous Breast Interventions
   Lumarie Santiago, MD

(B) Innovations in Ultrasound 1
   Armeen Mahvash, MD

(C) Innovations in Ultrasound 2
   Randy D. Ernst, MD

(D) Techniques in Neck Ultrasound
   Beth S. Edeiken-Monroe, MD

4:30
Visiting Professor Lecture:
   BI-RADS for Ultrasound:
   2012 Update
   Ellen Mendelson, MD

5:15 pm
Adjourn

Saturday, April 21, 2012

7:00 am
Registration and Breakfast

7:55
Program Notes
   Madhavi Patnana, MD

PLENARY SESSION IV
   Moderator: Lumarie Santiago, MD

8:00
Breast Ultrasound:
   Lesion Characterization and Management
   Lumarie Santiago, MD

8:30
Breast Cancer: Locoregional Staging
   with Ultrasound
   Deanna Lane, MD

9:00
Case-based Learning: Breast
   Lumarie Santiago, MD
9:30  Ultrasound of Soft Tissues & Bone
    Deepak G. Bedi, MD

10:00  Questions and Answers

10:15  Break

10:30  PLENARY SESSION V
    Moderator: Randy D. Ernst, MD

    New Ultrasound Applications: How to do Them

    •  Contrast-enhanced Ultrasound
      Ott Le, MD; Madhavi Patnana, MD; and Lumarie Santiago, MD

    •  3D Ultrasound
      Leonardo Marcal, MD

11:30  Abdomino-pelvic Cancers: How Ultrasound Helps the Surgeon
    Priya R. Bhosale, MD

Noon  Questions and Answers

12:15 pm  Lunch (provided) / View Interesting Cases

1:45  Case-based Learning: General
    Randy D. Ernst, MD

2:15  Case-based Learning: Uterus and Ovary
    Maia Rauch, MD

2:45  Closing Remarks
    Randy D. Ernst, MD
WORKSHOP SESSION II

(A) Percutaneous Breast Interventions
Deanna Lane, MD

(B) Innovations in Ultrasound 1
Armeen Mahvash, MD

(C) Innovations in Ultrasound 2
Randy D. Ernst, MD

(D) Techniques in Neck Ultrasound
Beth S. Edeiken-Monroe, MD

4:00 pm  Adjourn
The University of Texas MD Anderson Cancer Center has implemented a process whereby everyone who is in a position to control the content of an educational activity must disclose all relevant financial relationships with any commercial interest that could potentially affect the information presented.

MD Anderson also requires that all 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 participants prior to the educational activity.

Agendas are subject to change because we are always striving to improve the quality of your educational experience. MD Anderson may substitute faculty with comparable expertise on rare occasions necessitated by illness, scheduling conflicts, and so forth.

Photographing, audiotaping, and videotaping are prohibited.
Houston Area Attractions

The MD Anderson Ultrasound in the New Millennium Conference welcomes you to Houston, Texas!

We invite you to explore our exciting city. Whether you enjoy theaters and museums or sports and outdoors, Houston has something to offer you. For information on all the city’s attractions and restaurants, many of which are easily accessible from MD Anderson via METRORail, go to www.mdanderson.org/conferences, scroll down to Ultrasound in the New Millennium, and click the Houston Visitor Information link.

About Houston

- Two million residents live in Houston and over 4.7 million live in the Greater Houston Area.
- The city is larger in area than New Jersey, but smaller than Massachusetts.
- The 17-block Theater District is second only to New York with more than 12,000 seats.
- The Museum District has more than 16 museums, galleries and arts and cultural institutions.
- Houston is home to the Texas Medical Center, the largest medical center in the world.
- The city boasts more than 11,000 restaurants ranging from authentic taquerias to upscale steakhouses.
- Houston is home to Astros baseball, Texans football, Rockets basketball, and Aeros hockey.
- Houston’s average high temperature in April is 79°F and the average low is 61°F.
Registration Information

On-site registration opens at 7:00 am on Friday, April 20, 2012 in the foyer of the 8th Floor Conference Center, in MD Anderson’s Dan L. Duncan Building, 1155 Pressler, Houston, Texas, 77030. The opening session of the conference will begin at 7:50 am on Friday, April 20, 2012, and the conference will adjourn at 4:00 pm on Saturday, April 21, 2012. Advance registration is encouraged as space and materials are limited. Please see the registration form for applicable fees.

The deadline for advance registration is Thursday, March 29, 2012.

There are three ways to register:
• Mail to Department of CME/Conference Management, Unit 1381
  The University of Texas MD Anderson Cancer Center
  P.O. Box 301439, Houston, TX 77230-1439
• Fax to 713-794-1724
• On-line at www.mdanderson.org/conferences

We accept the following forms of payment:
• Check (payable through US banks only)
• Money order
• Credit cards (MasterCard, VISA, and American Express)
• Cash (accepted only at on-site registration)

A receipt and confirmation letter will be sent to you within ten working days of receipt of your registration. The course registration fee includes the tuition, final program syllabus, breakfasts, lunches, and breaks. Please refer to the registration form for specific information.

Refund/Cancellation Policy

The registration fee, minus a $50 administrative handling fee, is refundable if a written request is received on or before Thursday, March 29, 2012. No refunds will be granted after that date. The request for a registration refund must include the tax identification number of the company or institution if registration was paid by a company or institution check. Although no refunds will be granted after March 29, 2012, you may transfer your registration to a colleague. For additional information, contact CME/Conference Management at 713-792-2223 or toll free at 866-849-5866.

The Department of CME/Conference Management reserves the right to cancel activities prior to the scheduled date if low enrollment or other circumstances make it necessary. Each registrant will be notified by mail, e-mail, or at the phone or fax numbers given on the registration form.
In case of activity cancellation, the liability of the Department of CME/Conference Management is limited to the registration fee. CME/Conference Management will refund the full registration fee. The Department of CME/Conference Management reserves the right to limit the number of participants in a program and is not responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

**Special Assistance**

Contact the Department of CME/Conference Management at 713-792-2223 or toll free at 866-849-5866 if you have any special dietary or ADA accommodation needs.

**Accommodations**

- A block of rooms has been reserved for course attendees at the Houston Marriott at the Texas Medical Center Hotel, 6580 Fannin Street, Houston, Texas, 77030.
- Early hotel reservation is suggested.
- The hotel phone number is 713-796-0080 and the fax number is 713-770-8100.
- When you make reservations, be sure to mention the **Ultrasound in the New Millennium Conference** to be assured of receiving the special meeting rate of $135.00. Please add 17% Texas State and local taxes.
- Reservations and deposits received after **Thursday, March 29, 2012** will be confirmed if space is available and at currently published hotel guest room rates.
Ground Transportation *(prices are subject to change)*

- Houston is served by two airports, George Bush Intercontinental (IAH) and William P. Hobby (HOU).
- Taxicabs are available at an estimated cost of $50-60 to or from William P. Hobby Airport or George Bush Intercontinental Airport.
- Super Shuttle operates a shuttle bus between George Bush Intercontinental Airport and the Houston Marriott at the Texas Medical Center Hotel for $27 one-way, $54 round-trip. For more information, call 713-523-8888 or toll free at 800-258-3826 or on-line at www.supershuttle.com.
- Super Shuttle operates a shuttle bus between William P. Hobby Airport and the Houston Marriott at the Texas Medical Center Hotel for $24 one-way and $48 round-trip. For more information, call 713-523-8888 or toll free at 800-258-3826 or on-line at www.supershuttle.com.
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**Registration Fees**

**Physicians in Practice**
- Postmarked before 3/29/2012: $650.00
- Postmarked after 3/29/2012: $700.00
- On-site registration: $750.00

**Non-Physicians / Trainees**
- Postmarked before 3/29/2012: $350.00
- Postmarked after 3/29/2012: $400.00
- On-site registration: $450.00

**Single Day**
- Friday 4/20: $300.00
- Saturday 4/21: $350.00
- On-site registration: $375.00

- MD Anderson/UT/Baylor Faculty: $450.00
- MD Anderson Ultrasound Techs: $50.00

*Note: This is not a self-mailer.*

Address to:
Ultrasound in the New Millennium: The Cancer Patient

Department of CME/Conference Management - Unit 1381
The University of Texas MD Anderson Cancer Center
PO Box 301439, Houston, TX 77230-1439
or fax to 713-794-1724

Make check or money order payable to:
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