

Houston Radiological Society Breast Imaging Update

*February 27 & 28, 2010
The University of Texas
M. D. Anderson Cancer Center*

*Saturday, February 27, 2010
Robert C. Hickey Auditorium
11th Floor, R. Lee Clark Clinic
1515 Holcombe Boulevard
Houston, Texas*

*Sunday, February 28, 2010
Conference Center
Cancer Prevention Building, 8th Floor
1155 Pressler Street
Houston, Texas*



THE UNIVERSITY OF TEXAS
MD ANDERSON
CANCER CENTER
Making Cancer History®

Goal

This two-day conference will offer a comprehensive update on breast imaging, including breast MRI. The course will cover current concepts in breast cancer screening, diagnosis, and staging. Attention will be devoted to mammography, breast ultrasound, and breast MRI. Additional topics include digital mammography, computer-aided detection, gamma imaging of the breast, breast surgery, breast pathology, and an update on breast medical oncology.

Target Audience

The conference should be of value to radiologists, medical oncologists, radiation oncologists, mammography technologists, and sonographers.

Educational Methods

- Lectures
- Panel Discussions
- Question-and-Answer Sessions
- Hands-on Teaching Sessions

Educational Objectives

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

- describe the latest advances in breast imaging that help to identify early stage breast cancers;
- discuss the use of MRI in high-risk screening to identify mammographically occult breast cancers;
- discuss the use of digital mammography in screening to identify small, node-negative breast cancers; and
- describe the use of MRI-guided biopsy to sample suspicious lesions identified only on MRI.

Evaluation

A course evaluation form will provide participants with the opportunity to comment on the value of the program content relative to their clinical practices, performance improvement activities, and the possible impact on patients' health. Participants will also have the opportunity to comment on any perceived commercial bias in the presentations as well as to identify future educational topics.

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 The University of Texas M. D. Anderson Cancer Center and the Houston Radiological Society. The University of Texas M. D. Anderson Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Texas M. D. Anderson Cancer Center designates this educational activity for a maximum of 15.25 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The presentation, *Medicolegal Issues in Breast Imaging*, has been designated by The University of Texas M. D. Anderson Cancer Center for 1.00 *AMA PRA Category 1 Credit™* in medical ethics and/or professional responsibility.

Planning Committee

Conference Directors

Gary J. Whitman, MD (Chairman)
Professor
Medical Director
Mobile Mammography
Department of Radiology
M. D. Anderson

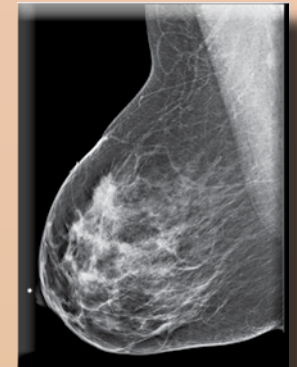
Phan T. Huynh, MD
(Co-Chairman)
Director of Breast Imaging
Medical Director, Women's Center
St Luke's Episcopal Hospital

Emily Sedgwick, MD
(Co-Chairman)
Assistant Professor
Department of Radiology
Baylor College of Medicine

Conference Management

Tamara Greiner, MA
Associate Director
CME/Conference Management

Judi Williams, BS
Senior Conference Coordinator
CME/Conference Management



Saturday, February 27, 2010

7:00 am Registration and Breakfast

7:55 Welcome and Announcements
Gary J. Whitman, MD

Session I Moderator:

Gary J. Whitman, MD

8:00 **How to Design an Efficient Breast Imaging Practice**
Ellen Shaw de Paredes, MD

8:30 **Breast Cancer Risk Assessment**
Powel H. Brown, MD, PhD

9:00 **Screening Mammography Update**
Karla Sepúlveda, MD

9:30 **Screening for Breast Cancer with Sonography and MRI**
Gary J. Whitman, MD

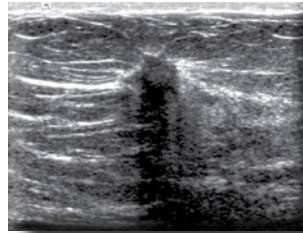
10:00 Break

10:30 **Panel Discussion: Screening High Risk Women**
Powel H. Brown, MD, PhD; Karla Sepúlveda, MD; Ellen Shaw de Paredes, MD; and Gary J. Whitman, MD

11:00 **Update on Asymmetries and Architectural Distortions**
Ellen Shaw de Paredes, MD

11:30 **Challenging Calcification Cases**
Phan T. Huynh, MD

Noon Break / Pick up Box Lunch



Session II Moderator:

Emily Sedgwick, MD

12:15 pm **Medicolegal Issues in Breast Imaging (Ethics)**
Alfred B. Watson, Jr., MD

1:15 **Breast Medical Oncology Update**
C. Kent Osborne, MD

1:45 **Breast Surgery Update**
Treneth P. Baker, MD

2:15 Break

2:30 **Breast Ultrasound-guided Biopsy Update**
Phan T. Huynh, MD

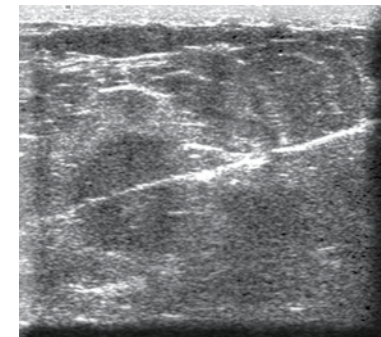
3:00 **Breast MRI Interpretation**
Robyn L. Birdwell, MD

3:30 **Breast MRI-guided Biopsy Update**
Emily Sedgwick, MD

4:00 **Molecular Imaging**
Robyn L. Birdwell, MD

4:30 **Panel Discussion: What Modality When?**
Robyn L. Birdwell, MD; Phan T. Huynh, MD; Emily Sedgwick, MD; and Ellen Shaw de Paredes, MD

5:00 pm Adjourn



Sunday, February 28, 2010

7:00 am Registration and Breakfast

7:55 Program Notes
Gary J. Whitman, MD

Session III
Moderator: Phan T. Huynh, MD

8:00 **Digital Mammography Update**
Robyn L. Birdwell, MD

8:30 **Telemammography**
Ellen Shaw de Paredes, MD

9:00 **Computer-aided Detection in Mammography**
Robyn L. Birdwell, MD

9:30 **Stereotactic Biopsy Update**
Ellen Shaw de Paredes, MD

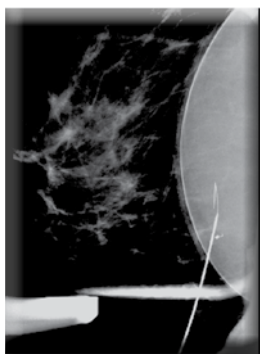
10:00 Break

10:30 **Imaging of High-Risk Lesions**
Emily Sedgwick, MD

11:00 **Pathology of High-Risk Lesions**
Savitri Krishnamurthy, MD

11:30 **Panel Discussion: Evaluation of Patients with Known High-Risk Lesions**
Phan T. Huynh, MD; Savitri Krishnamurthy, MD; Emily Sedgwick, MD; and Gary J. Whitman, MD

Noon Break / Pick up Box Lunch



Session IV

Moderator: Gary J. Whitman, MD

12:15 pm **Case-of-the-Day Revealed**
Beatriz Adrada, MD

1:00 **Imaging of Ductal Carcinoma *in situ***
Ward C. Parsons III, MD

1:30 **Pathology of Ductal Carcinoma *in situ***
Savitri Krishnamurthy, MD

2:00 **Panel Discussion: Ductal Carcinoma in Situ**
Phan T. Huynh, MD; Savitri Krishnamurthy, MD; Ward C. Parsons III, MD; Emily Sedgwick, MD; and Gary J. Whitman, MD

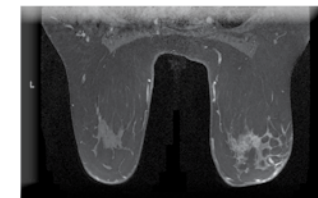
2:30 Break

3:00 **Workshops**

1. **Mammographic Positioning**
Marilyn Bynoe; Ronna Cotton, RT(R)(M)
Donna L. Fehl, RT(R)(M)
Danielle J. McDaniel, BS, RT(R)(M)
Maria T. Montemayor, BS, RT(R)(M)(QM)
Julie Higgs Noel, RT(R)(M)
Regina M. Noseworthy, RT(R)(M)
Falguni Patel, BS, RT(R)(M)
Deborah A. Thames, RT(R)(M)

2. **Digital Mammography Quality Control**
William R. Geiser, MS

3. **Digital Mammography Interpretation at the Workstation**
Basak Erguvan Dogan, MD
Tamara Haygood, PhD, MD
Lumarie Santiago, MD



Workshops Continued

4. **Hands-on Breast Ultrasound Biopsy**
Shelia K. Bratton, RDMS; Selin Carkaci, MD
Phan T. Huynh, MD
Flavia E. Posleman Monetto, MD, RDMS
Karla Sepúlveda, MD
Tanya W. Stephens, MD
Jaclynn Thai-Macias, RT(R)(VS), RDMS
5. **Hands-on Breast MRI-guided Biopsy**
Huong Le-Petross, MD
Brandy J. Reed, BS, RT(R)(MR)
Krista R. Runge, BS, RT(R)(MR)
Emily Sedgwick, MD
Jason Stafford, PhD
6. **Stereotactic Biopsy**
Debora J. Dawson, RT(R)(M)
Gary J. Whitman, MD
7. **Breast Gamma Imaging**
Ward C. Parsons III, MD
8. **How to Give Bad News to Patients**
Mary W. Rose, PsyD, CSBM
9. **Interesting Breast Imaging Cases**
Deanna Lane, MD
10. **Update on Nephrogenic Systemic Fibrosis**
Benjamin Y. Cheong, MD



M. D. Anderson Faculty

Beatriz Adrada, MD
Assistant Professor
Diagnostic Radiology

Shelia K. Bratton, RDMS
Ultrasound Technologist
Diagnostic Radiology

Powel H. Brown, MD, PhD
Professor and Chair
Clinical Cancer Prevention

Selin Carkaci, MD
Assistant Professor
Diagnostic Radiology

Debora J. Dawson, RT(R)(M)
Mammography Technologist
Diagnostic Radiology

Basak Erguvan Dogan, MD
Assistant Professor
Diagnostic Radiology

William R. Geiser, MS
Senior Medical Physicist
Imaging Physics

Tamara Haygood, PhD, MD
Assistant Professor
Diagnostic Radiology

Savitri Krishnamurthy, MD
Professor
Pathology

Deanna Lane, MD
Assistant Professor
Diagnostic Radiology

Huong Le-Petross, MD
Associate Professor
Diagnostic Radiology

Danielle J. McDaniel, BS, RT(R)(M)
Ultrasound Technologist
Diagnostic Radiology

Flavia E. Posleman Monetto, MD, RDMS
Ultrasound Technologist
Diagnostic Radiology

Brandy J. Reed, BS, RT(R)(MR)
Medical Imaging Technologist
Imaging Physics

Krista R. Runge BS, RT(R)(MR)
Senior Medical Imaging
Technologist
Imaging Physics

Lumarie Santiago, MD
Assistant Professor
Diagnostic Radiology

Jason Stafford, PhD
Assistant Professor
Imaging Physics

Tanya W. Stephens, MD
Associate Professor
Diagnostic Radiology

Jaclynn Thai-Macias, RT(R)(VS), RDMS
Ultrasound Technologist
Diagnostic Radiology

Deborah A. Thames, RT(R)(M)
Mammography Technologist
Diagnostic Radiology

Gary J. Whitman, MD
Professor
Medical Director
Mobile Mammography
Diagnostic Radiology

3:30

Repeat Workshops 1-10

4:00

Repeat Workshops 1-10

4:30 pm

Conference Adjournment

Guest Faculty

Treneth P. Baker, MD
Department of Surgery
Kelsey-Seybold Clinic
Houston, Texas

Robyn L. Birdwell, MD
Associate Professor of Radiology
Harvard Medical School
Section Head, Division of Breast
Imaging
Brigham and Women's Hospital
Boston, Massachusetts

Marilyn Bynoe
Patient Advocate
Houston, Texas

Benjamin Y. Cheong, MD
Assistant Professor
Department of Radiology
St. Luke's Episcopal Hospital
Houston, Texas

Ronna Cotton, RT(R)(M)
Mammography Technologist
Women's Center
St. Luke's Episcopal Hospital
Houston, Texas

Donna L. Fehl, RT(R)(M)
Mammography Technologist
Baylor College of Medicine
Houston, Texas

Phan T. Huynh, MD
Director of Breast Imaging
Medical Director, Women's Center
St. Luke's Episcopal Hospital
Houston, Texas

Maria T. Montemayor, BS, RT(R)(M)(QM)
Mammography Supervisor
Women's Center
St. Luke's Episcopal Hospital
Houston, Texas

Julie Higgs Noel, RT(R)(M)
Mammography Technologist
Baylor College of Medicine
Houston, Texas

Regina M. Noseworthy, RT(R)(M)
Mammography Technologist
Baylor College of Medicine
Houston, Texas

C. Kent Osborne, MD
Professor of Medicine and Cellular
and Structural Biology
Director, Baylor Breast Center and
Baylor Cancer Center
Baylor College of Medicine
Houston, Texas

Ward C. Parsons III, MD
Lead Interpreting Physician
The Rose
Houston, Texas

Falguni Patel, BS, RT(R)(M)
Mammography Technologist
Women's Center
St. Luke's Episcopal Hospital
Houston, Texas

Mary W. Rose, PsyD, CSBM
Assistant Professor
Department of Medicine
Baylor College of Medicine
Houston, Texas

Emily Sedgwick, MD
Assistant Professor
Department of Radiology
Baylor College of Medicine
Houston, Texas

Karla Sepúlveda, MD
Assistant Professor
Department of Radiology
Baylor College of Medicine
Houston, Texas

Ellen Shaw de Paredes, MD
Founder and Director
The Ellen Shaw de Paredes
Institute for Women's Imaging
Glen Allen, Virginia

Alfred B. Watson, Jr., MD
Professor
Department of Radiology
Baylor College of Medicine
Houston, Texas

Houston Area Attractions



The M. D. Anderson Houston Radiological Society Breast Imaging Update welcomes you to Houston, Texas!

We invite you to explore our exciting city. Whether you enjoy theater 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 M. D. Anderson via METRORail, go to www.mdanderson.org/conferences, scroll down to Houston Radiological Society Breast Imaging Update, 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 the largest in the nation by land mass at 600+ square miles.
- The 17-block Theater District is second only to New York with more than 12,000 seats.
- The Museum District has more than 18 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 8,000 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 February is 67° and the average low is 44°.



Registration Information

On-site registration opens at 7:00 am on Saturday, February 27, 2010 in the foyer outside Robert C. Hickey Auditorium, on the 11th Floor of the R. Lee Clark Clinic building, 1515 Holcombe Boulevard, Houston, Texas.

The opening session of the conference will begin at 7:55 am on Saturday, February 27, 2010, and the conference will adjourn at 4:30 pm on Sunday, February 28, 2010. Advance registration is encouraged as space and materials are limited. Please see the registration form for applicable fees.

The deadline for advance registration is Friday, February 12, 2010.

There are three ways to register:

- Mail to CME/Conference Management, Unit 1381, The University of Texas M. D. Anderson Cancer Center, PO Box 301439, Houston, Texas 77230-1439
- Fax to 713-794-1724
- On-line at www.mdanderson.org/conferences

We accept the following forms of payment:

1. Check (payable through U.S. banks only)
2. Money Order
3. Credit Cards (MasterCard, VISA, and American Express)
4. Cash (on-site registration)

When you register online, a receipt/confirmation letter will be automatically e-mailed to the e-mail address you list on your registration form. If you register by fax or mail, a receipt/confirmation letter will be sent to you within ten working days of the receipt of your fee.

The conference registration fee includes tuition, breakfasts, lunches, breaks and a CD containing the presentations. Hardcopies of presentation materials will not be available.

Residents / Fellows

A reduced registration fee has been established for residents and fellows. All residents and fellows claiming this reduced fee are required to submit a letter of introduction from his/her chairperson or program director with his/her registration form.

Refund/Cancellation Policy

The registration fee, minus a \$50 administrative handling fee, is refundable if a written request is received on or before Friday, February 12, 2010. 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 an institutional check. Although no refunds will be granted after February 12, 2010, 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 provided on the registration form.

In case of activity cancellation, 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 conference attendees at **The Jesse H. Jones Rotary House International Hotel**, 1600 Holcombe Boulevard, Houston, Texas 77030.
- Early hotel reservations are suggested.
- The hotel phone number is 713-790-1600 or toll free at 800-847-5783.
- When you make reservations, be sure to mention **Group 1286 – the HRS Breast Imaging Conference** to be assured of receiving the special meeting room rate of \$105 king and \$111 double occupancy. Please add 17% Texas state and local taxes.





The University of Texas M. D. 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. M. D. Anderson also requires that all faculty disclose any unlabeled 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.

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

Photographing, audiotaping, and videotaping are prohibited.

Please let us know what specific topics, issues or questions you wish to see addressed or emphasized in this activity. Fax or e-mail this material to CME/Conference Management. All responses will be forwarded to the Program Chairs for consideration.



Conference Registration (30070490)

Houston Radiological Society Conference: Breast Imaging Update

Last Name		First Name		MI	Highest Degree
Department (include box no.)				Specialty	
Institution					
Street		City		State/Foreign Country/Zip or Mail Code	
Daytime Phone (with area code)		Cell Phone (with area code)		Fax (with area code)	
E-mail address		Emergency Contact		Phone (with area code)	
Charge the following:					
<input type="checkbox"/> VISA		<input type="checkbox"/> MasterCard		<input type="checkbox"/> American Express	
Card Number or M. D. Anderson Interdepartmental Transfer (IDT) No.				Expiration Date	
Authorized Signature REQUIRED for Credit Card or IDT					
M. D. Anderson Employee I.D. No. (REQUIRED)					

THIS IS NOT A SELF-MAILER

Address to:

Houston Radiological Society Conference: Breast Imaging Update

Department of CME/Conference Management - Unit 1381

The University of Texas M. D. Anderson Cancer Center

PO Box 301439, Houston, TX 77230-1439 or fax to 713-794-1724

Make check or money order payable to: The University of Texas M. D. Anderson Cancer Center

Registration Fees

Physicians	2 Day	1 Day	Fellows / Residents*	2 Day	1 Day
Postmarked by 2/12/2010	\$700	\$400	Postmarked by 2/12/2010	\$150	\$80
Postmarked after 2/12/2010	\$750	\$500	Postmarked after 2/12/2010	\$175	\$90

HRS Members

Postmarked by 2/12/2010	\$600	\$375
Postmarked after 2/12/2010	\$650	\$400

Technologists / Sonographers / Nurses

Postmarked by 2/12/2010	\$200	\$125
Postmarked after 2/12/2010	\$225	\$135

Physician Assistants

Postmarked by 2/12/2010	\$220	\$125
Postmarked after 2/12/2010	\$245	\$135

* Each fellow or resident claiming one of these reduced fees must submit a letter of introduction from his/her chairperson or program director along with his/her registration form.

Please Indicate Your Workshop Selections

	1 st	2 nd
Choice	Choice	Choice
3:00	_____	_____
3:30	_____	_____
4:00	_____	_____

Department of CME/Conference Management
Unit 1381, #176700/30070490
The University of Texas
M. D. Anderson Cancer Center
P.O. Box 301439
Houston, Texas 77230-1439

Non-Profit Org.
U.S. Postage
PAID
Permit No. 7052
Houston, TX