Stanford Breast in the West

MRI and MRI-Guided Procedure Updates for Radiologists and Technologists

Includes a Saturday one-day course on Mammographic Breast Positioning, MQSA, and EQUIP for Mammography Technologists and Radiologists.

A Continuing Medical Education Conference presented by the Department of Radiology at the Stanford University School of Medicine

March 15-17, 2018
The Westin St. Francis, San Francisco Union Square, San Francisco, CA

Faculty
All faculty members and conference planners are from Stanford University School of Medicine unless otherwise noted.

COURSE DIRECTOR
Debra M. Ikeda, M.D., FACR, FSBI
Professor of Radiology
Breast Imaging Fellowship Director

COURSE CO-DIRECTORS
Bruce L. Daniel, M.D.
Professor of Radiology,
Director of Breast MRI

Wendy B. DeMartini, M.D.
Professor of Radiology,
Chief, Breast Imaging Division

Brian Hargreaves, Ph.D.
Associate Professor of Radiology (Radiological Sciences Laboratory) and, by Courtesy, of Electrical Engineering and of Bioengineering

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Professor of Radiology
Breast Imaging Fellowship Director

GUEST FACULTY
Christopher E. Comstock, M.D., FACR, FSBI
Memorial Sloan Kettering Cancer Center

Christiane K. Kuhl, M.D., Ph.D.
Professor and Chairman of Radiology
University Hospital Aachen, Germany

Constance D. Lehman, M.D., Ph.D., FACR, FSBI
Professor of Radiology, Chief of Breast Imaging
Massachusetts General Hospital

Louise Miller, RT, (R) (M) (ARRT), CRT, FSBI
Education Director, Mammography Educators Technologist
San Diego, CA

FACULTY DISCLOSURE
The Stanford University School of Medicine adheres to ACCME Criteria, Standards and Policies regarding industry support of continuing medical education. Disclosure of faculty and their commercial relationships will be made prior to the activity.

CALL FOR SCIENTIFIC AND EDUCATIONAL ABSTRACTS
CME.STANFORD.EDU/BREASTMRI

Sponsored by the Stanford University School of Medicine

Register online at cme.stanford.edu/breastmri
Thursday, March 15, 2018

7:15-7:55 am  Registration and Continental Breakfast
7:55-8:00  Welcome & Announcements
Debra M. Ikeda, M.D., FACR, FSBI
8:00-8:40  Breast MRI: Evidence-Based Clinical Indications
Wendy B. DeMartini, M.D., FSBI
8:40-9:15  Breast MRI Physics: What You Need to Know About Your Scanners, Hardware and Software
Brian Hargreaves, Ph.D.
9:15-9:55  Special Session: Background Parenchymal Enhancement
Christopher E. Comstock, M.D., FACR, FSBI
9:55-10:15  Break
10:15-10:50  Breast MRI: Update on ACR Breast Lexicon and Standardized Reporting
Wendy B. DeMartini, M.D., FSBI
10:50-11:30  Update on MRI and Contrast-Enhanced Digital Mammography
Christopher E. Comstock, M.D., FACR, FSBI
11:30-12:00 pm  Imaging Breast Implants and the Reconstructed Breast
Debra M. Ikeda, M.D., FACR, FSBI
12:00-1:15  Lunch on your own
1:15-1:20  Radiology CME Updates
Geoffrey Riley, M.D.
Afternoon Announcements
Wendy B. DeMartini, M.D., FSBI
1:20-2:00  Special Session: How I Do It: A Practical Approach to Breast MRI Interpretation
Wendy B. DeMartini, M.D., FSBI
2:00-2:35  MRI Safety
Brian Hargreaves, Ph.D.
2:35-3:15  Case Review: Complexities of MRI/Ultrasound/Digital Breast Tomosynthesis (DBT)/Mammography Cases
Christopher E. Comstock, M.D., FACR, FSBI
3:15-3:30  Break
3:30-4:10  MRI Artifacts
Brian Hargreaves, Ph.D.
4:10-5:00  Q&A Panel: Artifacts, MRI, Contrast-Enhanced Mammography Diagnostic Cases with Correlation to Mammography, Digital Breast Tomosynthesis (DBT), and Ultrasound Diagnostic Cases
Wendy B. DeMartini, M.D., FSBI, Moderator
5:00 pm  Adjourn for the day
5:30-7:00 pm  Reception and Poster Session (No CME)

Friday, March 16, 2018

7:00-7:55 am  Registration and Continental Breakfast
7:55-8:00  Announcements
Debra M. Ikeda, M.D., FACR, FSBI
8:00-8:40  MRI-Guided Needle Localizations: How We Do It and Correlation to Mammography, Digital Breast Tomosynthesis (DBT), and Ultrasound
Bruce L. Daniel, M.D.
8:40-9:20  MRI-Guided Core Biopsy: How To Get the Target
Constance D. Lehman, M.D., Ph.D., FACR, FSBI
9:20-10:00  Special Session: Preoperative Staging for Breast Cancer with MRI
Christiane K. Kuhl, M.D., Ph.D.
10:00-10:15  Break
10:15-10:55  What To Do With Incidental Enhancing Lesions and Probably Benign Findings
Bruce L. Daniel, M.D.
10:55-11:45 pm  MRI-Guided Core Biopsies and Radiologic-Pathologic Correlation: Which Lesions to Remove?
Christopher E. Comstock, M.D., FACR, FSBI
11:45-1:10  Lunch
1:10-1:15  Afternoon Announcements
Bruce L. Daniel, M.D.
1:15-1:55  Special Session: Update on Breast Cancer Screening with MRI and Mammography, including Abbreviated Sequences and Average-Risk Women
Christian K. Kuhl, M.D., Ph.D.
1:55-2:35  Difficult MRI Biopsy Cases with Mammography, Digital Breast Tomosynthesis (DBT), and Ultrasound Correlation
Constance D. Lehman, M.D., Ph.D., FACR, FSBI
2:35-2:55  Break
2:55-3:35  Update on Axillary Lymph Nodes: Evolving Imaging and Management Strategies
Wendy B. DeMartini, M.D., FSBI
3:35-4:15  MRI/DBT/Stereo/US Case Dilemmas
Debra M. Ikeda, M.D., FACR, FSBI
4:15-5:00  Panel Discussion: MRI, Mammography, Digital Breast Tomosynthesis (DBT), Ultrasound, Biopsy, Breast Reconstruction, and Difficult Cases
Moderator: Bruce L. Daniel, M.D.
5:00 pm  Adjourn for the day

Saturday, March 17, 2018

7:00-7:55 am  Registration and Continental Breakfast
7:55-8:00  Announcements
Bruce L. Daniel, M.D.
8:00-8:40  ACR Accreditation for Breast MRI
Constance D. Lehman, M.D., Ph.D.
8:40-9:20  Digital Hybrid Breast PET/MRI for Enhanced Diagnosis of Breast Cancer (HYPMED): Concept and Rationale
Christiane K. Kuhl, M.D., Ph.D.
9:20-10:00  Non-Contrast MRI Breast Sequences
Bruce L. Daniel, M.D.
10:00-10:15  Break
10:15-10:55  Tricky MRI and MRI Biopsy Cases: Pitfalls and Solutions
Christiane K. Kuhl, M.D., Ph.D.
10:55-11:30  Special Session: State of MRI in the United States
Constance D. Lehman, M.D., Ph.D.
11:30-12:00 pm  Q&A
Bruce L. Daniel, M.D., Moderator
12:00-1:25  Lunch

Mammography Positioning, MQSA and EQUIP for Technologists Concurrent Session

7:00-7:55 am  Registration and Continental Breakfast
7:55-8:00  Welcome and Course Announcements
Debra M. Ikeda, M.D., FACR, FSBI
8:00-8:40  Standardized Positioning: What's the Big Deal?
Louise Miller, RT (R) (M) (ARRT), CRT, FSBI
8:40-9:25  Mammography and Digital Breast Tomosynthesis for Breast Cancer Diagnosis
Debra M. Ikeda, M.D., FACR, FSBI
9:25-9:50  Criteria for Good Image Quality: How We Got Agreement Between Technologists and Radiologists for Optimal Workflow and Maintaining Optimal Imaging
Debra M. Ikeda, M.D., FACR, FSBI
9:50-10:05  Break
10:05-11:00  Positioning Problem Solving
Louise Miller, RT (R) (M) (ARRT), CRT, FSBI
11:00-12:00pm  Implants and the Proper Use of Additional Views: What You Really Need to Know
Louise Miller, RT (R) (M) (ARRT), CRT, FSBI
12:00-1:25  Lunch

Combined Afternoon Session

1:25-1:30  Afternoon Announcements
Debra M. Ikeda, M.D., FACR, FSBI
1:30-2:10  Obtaining and Maintaining High Quality Mammography Images Through Quality Improvement: Practical Tips
Debra M. Ikeda, M.D., FACR, FSBI
2:10-2:45  Special Session: Mammography Regulations: MQSA/EQUIP
Debra M. Ikeda, M.D., FACR, FSBI; Louise Miller, RT (R) (M) (ARRT), CRT, FSBI
2:45-3:00  Break
3:00-3:30  Correlating Mammography, Digital Breast Tomosynthesis (DBT), Ultrasound and MRI
Debra M. Ikeda, M.D., FACR, FSBI
3:30-4:10  Mission and Motivation for Mammography Technologists and Facilities
Louise Miller, RT (R) (M) (ARRT), CRT, FSBI
4:10-5:00  Q&A: Mammography Positioning, Image Quality, Image Quality Programs, Digital BreastTomosynthesis (DBT), Ultrasound, MRI, and MQSA/EQUIP
Debra M. Ikeda, M.D., FACR, FSBI, Moderator
5:00 pm  Adjourn
STATEMENT OF NEED
This CME activity seeks to fulfill the educational needs of radiologists and technologists who manage patients with possible breast cancer undergoing Breast Magnetic Resonance Imaging (MRI) or mammography. The goal of the conference is to address identified clinical challenges, to update practitioners and technologists on the latest advances and best practices in breast MRI and mammography positioning, and to assist practitioners in developing strategies to apply this knowledge to the diagnosis, treatment and/or referral of patients with breast cancer. Lectures with question and answer sessions will afford learners the opportunity to discuss practice dilemmas with expert faculty.

TARGET AUDIENCE
This international conference is designed to meet the educational needs of Radiologists, MRI Technologists, and Mammography Technologists.

LEARNING OBJECTIVES
Breast MRI and MRI-Guided Procedure Update
At the conclusion of this activity, participants should be able to:
- Apply national standards for Breast MRI indications and the latest information on MRI screening, and adopt a practice to determine when to perform which imaging modality (MRI, DBT, mammography or ultrasound) in order to achieve the best outcomes for patients.
- Consider MRI safety issues and develop strategies to implement safety measures in practice.
- Evaluate the advantages and pitfalls of abbreviated breast MRI pulse sequences and determine their implications for workflow in practice.
- Adopt standard breast MRI, ultrasound and mammography terminology from the updated 2013 BIRADS Atlas.
- Correctly interpret and report breast-imaging findings and correlate them from one study to the next to avoid diagnostic mistakes.
- Employ techniques to safely and accurately, target and biopsy suspicious breast lesions under MRI, and identify which pathologies to follow with imaging or to remove with surgery.
- Evaluate the scientific literature on Contrast-Enhanced Mammography (CEM) in order to determine if it is a safe method to use on patients.

Saturday one-day course on Mammography Positioning, MQSA and EQUIP for Mammography Technologists and Radiologists
At the conclusion of this activity, participants should be able to:
- Evaluate mammograms for good positioning using 13 criteria.
- Demonstrate ability to apply appropriate mammographic techniques to ensure the best images to detect breast cancer.
- Apply MQSA standards for digital breast tomosynthesis accreditation and comply with new MQSA EQUIP standards.

ACCREDITATION
The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION
The Stanford University School of Medicine designates this live activity for a maximum of 21.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
- Three Day Breast MRI and MRI-Guided Procedures Update: Maximum of 21.00 AMA PRA Category 1 Credits™.
- One Day Mammography Positioning and EQUIP for Mammography Technologists and Radiologists: Maximum of 7.0 AMA PRA Category 1 Credits™ and 8.0 Category A Continuing Education Credits™.

This activity has been approved by the ASRT for up to 23.5 Category A Continuing Education Credits™.

COMMERCIAL SUPPORT ACKNOWLEDGEMENT
This CME activity is supported in part by educational grants. A complete list of commercial supporters will be published in the course syllabus.

CALL FOR SCIENTIFIC AND EDUCATIONAL ABSTRACTS
Information about submission for poster abstracts may be found on the conference website at cme.stanford.edu/breastmri.

Registration
REGISTRATION
Registration fee includes course materials, certificate of participation, breakfast each day and reception on Thursday, March 15, 2018.
Register online with Visa or Master Card by visiting cme.stanford.edu/breastmri. If you prefer to pay by check or need assistance, please call (650) 497-8554 or email stanfordcme@stanford.edu.
Be sure to register with an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation, and certificate.

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<tr>
<th>ATTENDEE TYPE</th>
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<tr>
<td>Physicians, all three days</td>
<td>$1,100</td>
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<tr>
<td>Technologists, all three days</td>
<td>$995</td>
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<tr>
<td>Residents/Fellows, all three days</td>
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<tr>
<td>Poster Presenters</td>
<td>$500</td>
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<tr>
<td>Mammography Positioning Course, Saturday, March 17, 2018 (only)</td>
<td>$395</td>
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CANCELLATION POLICY
Cancellations received in writing no less than 30 days before the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to stanfordcme@stanford.edu.
Stanford University School of Medicine reserves the right to cancel this program; in the event of cancellation, course fees will be fully refunded. We are not responsible for other costs incurred such as non-refundable airline tickets or hotel penalties.

CONFERENCE LOCATION
The Westin St. Francis
335 Powell Street
San Francisco, CA 94102

ACCOMMODATIONS
A block of rooms has been reserved at a reduced rate of $259 (plus taxes) at the Westin St. Francis, Union Square for conference participants on a first-come, first-served basis. Please make your reservation by February 12, 2018 in order to receive the conference rate. After this date, reservations will be accepted on a space-available basis and at regular hotel rates.
Room reservations should be made directly with the Westin St. Francis, San Francisco either online: http://bit.ly/2hgSks7, or by calling the hotel directly at (800) 937-8461. Please mention “Stanford Medicine Spring Breast Imaging Conference” when making your reservation.

VISITOR INFORMATION
Learn more about visiting San Francisco by going here: http://www.sftravel.com

CONTACT INFORMATION
For questions about the conference, please contact Dianna Ziehm, CME Conference Coordinator at (650)725-8737 or dziehm@stanford.edu.
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Register early, space is limited • Register online at cme.stanford.edu/breastmri