COURSE DESCRIPTION

This course provides an integrated full discussion aimed at comprehending the basis and applications of breast imaging in five distinct sessions, using a case-based approach supported by evidence-based literature review.

Session 1 will take the attendee through the histopathologic basis for benign and malignant breast disease with imaging correlates. Conventional topics with simplified and novel strategies are presented to both review and advance the practice of mammography and ultrasound.

Session 2 focuses on imaging diagnoses for which surveillance may be reasonable and will emphasize techniques and analytic parameters regarding intervention and tissue diagnosis.

Session 3 will address the critical issues of breast density risk assessment as well as perspectives on supplementary screening such as whole breast ultrasound and tomosynthesis.

Session 4 explores in depth both current and evolving concepts and strategies in MRI interpretation with review of literature and case based presentation.

Session 5 explores the issues of medical legal accountability in interpretation and communication as well as providing strategies to avoid liability.

COURSE OBJECTIVES

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

- Assess the current status and future applications of advanced breast imaging technologies.
- Implement state-of-the-art digital mammographic techniques and protocols into clinical practice.
- Differentiate abnormal findings on film screen and digital mammography, ultrasound, and MRI and correlate findings for optimal lesion detection and localization.
- Evaluate the appropriate use of BI-RADS for reporting of lesions.
- Optimize imaging methods to reduce the number of false-positive and false-negative mammographic interpretations.
- Recognize the potential and limitations of current density assessments of breast including risk and masking implications.
- Implement current techniques for the sonographic evaluation of breast masses.
- Analyze the applications, techniques, and pitfalls of stereotactic, ultrasound-guided, and MRI-guided biopsy and employ appropriate image-guided breast interventional procedures.
- Summarize the indications, strengths and weaknesses for utilizing breast MRI with regard to screening, staging and monitoring response to treatment.

CONTINUING MEDICAL EDUCATION CALENDAR OF UPCOMING COURSES

- **February 28-March 3, 2017** Winter Imaging Update in Jackson Hole, Snake River Lodge, Teton Village, WY
- **June 8-9, 2017** Stoller: Tutorial on MSK Imaging Wyndham New Yorker, NYC
- **February 9-11, 2017** Atlas & Slim: Neuroradiology and Head and Neck Imaging Wyndham Las Vegas
- **March 21-24, 2017** Spring Imaging in Hawaii Hyatt Regency Maui Resort and Spa
- **May 11-13, 2017** Breast Imaging: A to Z How to Read Like (or Better Than!) the Experts Wyndham New Yorker, NYC
- **February 9-11, 2017** Atlas & Slim: Neuroradiology and Head and Neck Imaging Wyndham Las Vegas
- **March 3-6, 2017** MSK and Body Imaging in Hawaii Hyatt Regency Maui Resort and Spa
- **September 9-10, 2017** Breast Imaging: A to Z How to Read Like (or Better Than!) the Experts Wyndham New Yorker, NYC
- **March 1-3, 2017** Stoller: MSK Imaging and Optional Mini-Fellowship Workshop Wyndham Las Vegas
- **April 21-22, 2017** Federle’s Master Tutorial on Abdominal Imaging Encore at Wyndham Las Vegas
- **July 10-13, 2017** Imaging in Jackson Hole Snake River Lodge, Teton Village, WY
- **September 12-15, 2017** Full Imaging in Hawaii Grand Hyatt Kauai Resort and Spa
- **January 12-14, 2017** MSK Imaging and Optional Pediatric Imaging: A Comprehensive Workshop Wynn Las Vegas
- **February 9-11, 2017** Atlas & Slim: Neuroradiology and Head and Neck Imaging Wyndham Las Vegas
Breast Imaging from A to Z
July 17-20, 2017
The Mauna Lani Bay Hotel and Bungalows in Hawaii

FACULTY

R. James Brenner, MD, JD, FACR, FCLM
Professor of Radiology, University of California, San Diego

PROGRAM SCHEDULE

Monday, July 17, 2017
7:00-7:30 AM: Registration, Check-In, Continental Breakfast
7:30-8:30 AM: Biopsy Techniques: Stereotactic, Ultrasound, MRI, Needle Localization: Practical Tips
9:00-10:00 AM: Controversies In Management Of Percutaneous Biopsies
10:00-11:00 AM: Coffee Break
4:00-5:00 PM: Questions From Entire Course, Syllabus Review

Tuesday, July 18, 2017
7:00-7:30 AM: Registration, Check-In, Continental Breakfast
7:30-8:30 AM: Breast Anatomy, Pathology, And Imaging Correlates: Why Things Look The Way They Do (Interactive)
9:00-10:00 AM: Coffee Break
6:30-9:30 PM: On Site: Breast MRI: Evaluation Of Silicone Implants And Introduction To Tumor Studies
10:15-12:30 AM: Questions From Entire Course, Syllabus Review

Wednesday, July 19, 2017
7:00-7:30 AM: Registration, Check-In, Continental Breakfast
7:30-8:30 AM: Biopsy Techniques: Stereotactic, Ultrasound, MRI, Needle Localization: Practical Tips
9:00-10:00 AM: Coffee Break
4:00-5:00 PM: Questions From Entire Course, Syllabus Review

Thursday, July 20, 2017
7:00-7:30 AM: Registration, Check-In, Continental Breakfast
7:30-8:30 AM: Breast Anatomy, Pathology, And Imaging Correlates: Why Things Look The Way They Do (Interactive)
9:00-10:00 AM: Coffee Break
6:30-9:30 PM: On Site: Breast MRI: Evaluation Of Silicone Implants And Introduction To Tumor Studies
10:15-12:30 AM: Questions From Entire Course, Syllabus Review

TARGET AUDIENCE

- General radiologists and trainees interested in breast imaging
- Radiology residents and fellows in training
- Radiology technologists, nurses and radiology physician assistants
- Breast surgeons
- Allied health care professionals who desire to have an update on the state of current imaging as an aid to patient management for diseases of the breast

PHYSICIAN ACCREDITATION

Accreditation Statement
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Postgraduate Institute for Medicine and CME Science.

The Postgraduate Institute for Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation
This course is pending approval for up to 18.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure of Conflicts of Interest
Postgraduate Institute for Medicine (PIM) requires instructors, planners, managers and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by PIM for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations.

Earn SAM Credit
This course has been qualified by the American Board of Radiology for 8 credits in meeting the criteria for self assessment toward the purpose of fulfilling requirements in the ABR Maintenance of Certification Program. SAM credits are required for radiologists certified since 2002.

Technologists
This course is pending approval for up to 16.5 ARRT Category A CE credits for those technologists attending the entire course.

TUITION AND REGISTRATION

4 WAYS TO REGISTER
1. Register and pay online and receive instant confirmation at www.AdvancedBreastImaging.com
2. You can call us toll free at 1-855-383-7116 or direct at +1-(650) 440-4424
3. Fax this form to (650) 887-2113
4. You may also complete, photocopy and mail this registration form to:
   CME Science, 3790 El Camino Real, Suite 2029, Palo Alto, CA, 94306

LIMITED REGISTRATION

for this unique exclusive instruction by Dr. R. James Brenner (please check box):

- Practicing Physician/Industry – $1,195.00/person
- Military/Retired/Scientist/VA – $1,095.00/person
- Resident/Fellow/Technologist/PA/Nurse – $795.00/person
- $200.00/person for those technologists attending the entire course

METHOD OF PAYMENT

- Visa
- Master Card
- American Express
- Check (Please make checks payable to CME Science)
- Wire Transfer

Refunds: Full refunds, less a $100 administrative fee, will be made to those providing written notification of withdrawal at least 30 days in advance. After that time, no refunds will be given.

On Site: All lectures will be held in the meeting rooms of Mauna Lani Bay Hotel. Registration and check-in will begin at 7:00 a.m. on Monday, July 17, 2017.

Americans with Disabilities Act: Event staff will be glad to assist you with any special needs (ie, physical, dietary, etc). Please contact CME Science prior to the live event at info@cmescience.com.
Monday, July 17, 2017
7:00-7:30 AM Registration, Check-In, Continental Breakfast

7:30-8:30 AM Breast Anatomy, Pathology, and Imaging Correlates: Why Things Look the Way They Do (Interactive)
8:30-9:45 AM Biopsy Techniques: Stereotactic, Ultrasound, MRI, Needle Localization: Practical Tips
9:45-10:00 AM Coffee Break
10:00-12:00 PM Evaluation Of Masses And Calcifications: A Deductive Streamlined Approach
12:00-1:15 PM Lunch
1:15-2:30 PM Breast MRI: Evaluation Of Silicone Implants And Introduction To Tumor Studies
2:30-3:45 PM Coffee Break
3:45-5:00 PM Breast MRI: Tumor Studies: Principles, Technique, Strategies, Pitfalls, Myths, Outcome
5:00-7:00 PM Questions From Entire Course, Syllabus Review
7:00-7:30 AM Continental Breakfast
7:30-9:45 AM Imaging Surveillance: Mammography, Sonography, MRI: Rationale, Approach, Risk Management Issues
9:45-10:00 AM Coffee Break
10:00-12:00 PM Breast MRI: Tumor Studies: Principles, Technique, Strategies, Pitfalls, Myths, Outcome
12:00-1:15 PM Lunch
2:30-3:45 PM Coffee Break
3:45-5:00 PM Breast MRI: Tumor Studies: Principles, Technique, Strategies, Pitfalls, Myths, Outcome
5:00-7:00 PM Questions From Entire Course, Syllabus Review

Tuesday, July 18, 2017
7:00-7:30 AM Registration, Check-In, Continental Breakfast
7:30-8:30 AM Whole Breast Ultrasound, Tomosynthesis, Molecular Breast Imaging, MRI
8:30-9:45 AM Coffee Break
9:45-10:00 AM Medical Legal Issues: General Principles, Avoiding False Negative Interpretations, Miscommunication, Risk Management For Physicians And Facilities
10:00-12:00 PM Registration, Check-In, Continental Breakfast
12:00-1:15 PM Lunch
1:15-2:30 PM Medical Legal Issues: General Principles, Avoiding False Negative Interpretations, Miscommunication, Risk Management For Physicians And Facilities
2:30-3:45 PM Coffee Break
3:45-5:00 PM Medical Legal Issues: General Principles, Avoiding False Negative Interpretations, Miscommunication, Risk Management For Physicians And Facilities
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7:00-7:30 AM Continental Breakfast
7:30-9:30 AM Imaging Surveillance: Mammography, Sonography, MRI: Rationale, Approach, Risk Management Issues
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10:00-11:30 AM Controversies In Management Of Percutaneous Biopsies
11:30-12:30 PM Breast MRI: Tumor Studies: Principles, Technique, Strategies, Pitfalls, Myths, Outcome

Wednesday, July 19, 2017
7:00-7:30 AM Registration, Check-In, Continental Breakfast
7:30-8:30 AM Breast Anatomy, Pathology, and Imaging Correlates: Why Things Look the Way They Do (Interactive)
8:30-9:45 AM Biopsy Techniques: Stereotactic, Ultrasound, MRI, Needle Localization: Practical Tips
9:45-10:00 AM Coffee Break
10:00-12:00 PM Evaluation Of One And Two View Breast Asymmetries: Simplified, More Validated Approaches: What's Real And What's Not, Because Tomosynthesis Doesn't Solve All The Problems
12:00-1:15 PM Lunch
1:15-2:30 PM Registration, Check-In, Continental Breakfast
2:30-3:45 PM Coffee Break
3:45-5:00 PM Evaluation Of One And Two View Breast Asymmetries: Simplified, More Validated Approaches: What's Real And What's Not, Because Tomosynthesis Doesn't Solve All The Problems
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3:30-4:30 PM Breast Anatomy, Pathology, And Imaging Correlates: Why Things Look the Way They Do (Interactive)
4:30-5:30 PM Questions From Entire Course, Syllabus Review
5:30-7:00 PM Questions From Entire Course, Syllabus Review

Thursday, July 20, 2017
7:00-7:30 AM Registration, Check-In, Continental Breakfast
7:30-8:30 AM Breast Anatomy, Pathology, and Imaging Correlates: Why Things Look the Way They Do (Interactive)
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4:30-5:30 PM Questions From Entire Course, Syllabus Review
5:30-7:00 PM Questions From Entire Course, Syllabus Review

Friday, July 21, 2017
7:00-7:30 AM Registration, Check-In, Continental Breakfast
7:30-9:30 AM Imaging Surveillance: Mammography, Sonography, MRI: Rationale, Approach, Risk Management Issues
9:30-10:00 AM Coffee Break
10:00-12:00 PM Imaging Surveillance: Mammography, Sonography, MRI: Rationale, Approach, Risk Management Issues
12:00-1:15 PM Lunch
2:30-3:30 PM Coffee Break
3:30-4:30 PM Imaging Surveillance: Mammography, Sonography, MRI: Rationale, Approach, Risk Management Issues
4:30-5:30 PM Questions From Entire Course, Syllabus Review
5:30-7:00 PM Questions From Entire Course, Syllabus Review

Tuition and Registration
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Physician Accreditation
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Disclosure of Conflicts of Interest
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On Site:
Refunds:

LIMITED REGISTRATION
for this unique exclusive instruction by Dr. R. James Brenner (please check box):

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☐ Military/Retired/Scientist/VA – $1,095.00/person
☐ Resident/Fellow/Technologist/PA/Nurse – $755.00/person

Target Audience
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- Breast surgeons
- Allied health care professionals who desire to have an update on the state of current imaging as an aid to patient management for diseases of the breast

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BREAST IMAGING FROM A TO Z: HOW TO READ LIKE (OR BETTER THAN!) THE EXPERTS

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Margo M. Modos, MD, MPH
Senior Staff, Clinical Breast Imaging
Palm Desert Cancer Center
Rancho Medical School

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LIMITED ENROLLMENT

www.AdvancedBreastImaging.com