

A photograph of the Encore Wynn Las Vegas building at dusk. The building is a tall, modern structure with a curved facade. The word "Encore" is written in a large, illuminated, cursive font on the side of the building. The sky is a mix of purple and blue, suggesting twilight. The building's windows are lit up, and the overall scene is dramatic and high-contrast.

Encore

# Breast Imaging from A to Z: How to Read Like (or Better Than!) the Experts

*A course designed to improve performance by both novices and experts*

**October 12-14, 2017 • Encore at Wynn Las Vegas**

Director: R. James Brenner, MD, JD, FACR, FCLM

*State of the art literature review with common sense, practical strategies that surpass classic teachings. Anyone in either academic or private practice should be sure to attend this course at least once.*

Margo M. Moskos, MD, MPH  
Senior Staff, Clinical Breast Imaging  
Massachusetts General Hospital  
Harvard Medical School

This activity is jointly provided by  
**Postgraduate Institute for Medicine** and **CME Science**

There is no commercial support for this activity.

**LIMITED ENROLLMENT**

[www.AdvancedBreastImaging.com](http://www.AdvancedBreastImaging.com)

## 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.

## COURSE OBJECTIVES

By the end of this course, participants should be able to:

- Analyze the histopathologic basis for benign and malignant breast lesions
- Analyze more robust and simplified methods of evaluating asymmetries commonly seen at screening and diagnostic settings
- Assess criteria for imaging diagnoses of benign, probably benign, and suspicious imaging findings on mammography, ultrasound, MRI
- Assess criteria for imaging diagnoses and need for tissue diagnosis of identified breast lesions
- Determine suitability for nonpalpable lesions subject to imaging surveillance as opposed to biopsy
- Analyze applications, techniques, and pitfalls of stereotactic, ultrasound, and MRI-guided biopsy
- Evaluate the basis and evidence for recommending surgical excision of "high risk" lesions determined by percutaneous biopsy
- Analyze current issues involved in breast density evaluation including risk and supplementary screening indications
- Evaluate efficacy of supplementary screening and advanced screening techniques including whole breast ultrasound, tomosynthesis, MRI, and nuclear medicine imaging of the breast
- Evaluate evidence-based approaches to MRI lesion evaluation, and determine efficacy of different indications for use of breast MRI
- Determine medical-legal implications of different approaches to clinical breast imaging and communications and develop strategies toward risk reduction

## 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.

## 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

The Postgraduate Institute for Medicine designates this live activity for a maximum of **18.0 AMA PRA Category 1 Credit(s)<sup>TM</sup>**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### 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 has been approved for up to **17.0 ARRT Category A CE credits** for those technologists attending the entire course.

## CONTINUING MEDICAL EDUCATION CALENDAR OF UPCOMING COURSES

[www.CMEScience.com](http://www.CMEScience.com)

### March 9-11, 2017

Pediatric Imaging:  
A Comprehensive Review & Innovations  
Hyatt Regency Scottsdale, AZ

### April 26-28, 2017

Stoller: MSK Imaging and Optional  
Mini-Fellowship Workshop  
Wyndham New Yorker, NYC

### July 17-20, 2017

Breast Imaging A to Z: How to Read Like  
(or Better Than!) the Experts  
Mauna Lani Bay Hotel & Bungalows

### October 12-14, 2017

Breast Imaging A to Z: How to Read Like  
(or Better Than!) the Experts  
Encore at Wynn Las Vegas

### March 21-24, 2017

Spring Imaging in Hawaii  
Grand Hyatt Kauai  
Resort and Spa

### May 11-13, 2017

Breast Imaging A to Z: How to Read Like  
(or Better Than!) the Experts  
Wynn Las Vegas

### September 7-8, 2017

Federle's Master Tutorial on  
Abdominal Imaging  
Wyndham New Yorker, NYC

### October 25-27, 2017

26th Annual Current Issues of MRI in Ortho  
& SportsMed & Mini-Fellowship Workshop  
Wynn Las Vegas

### April 3-6, 2017

MSK and Body Imaging in Hawaii  
Hyatt Regency Maui  
Resort and Spa

### June 8-9, 2017

Stoller:  
Tutorial on MSK Imaging  
Wynn Las Vegas

### September 9-10, 2017

Breast Imaging A to Z: How to Read Like  
(or Better Than!) the Experts  
Wyndham New Yorker, NYC

### January 2-6, 2018

Winter Imaging Update in Bachelor Gulch  
The Ritz-Carlton Bachelor Gulch  
Beaver Creek, Colorado

### April 21-22, 2017

Federle's Master Tutorial on  
Abdominal Imaging  
Encore at Wynn Las Vegas

### July 10-13, 2017

Imaging in Jackson Hole  
Snake River Lodge,  
Teton Village, WY

### September 12-15, 2017

Imaging in Hawaii  
Grand Hyatt Kauai  
Resort and Spa

### February 26-March 1, 2018

Winter Imaging in Jackson Hole  
Snake River Lodge & Spa  
Teton Village, WY



## FACULTY

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

### ABOUT DR. BRENNER

Dr. Brenner is an internationally recognized authority on all aspects of breast imaging, having lectured extensively around the world. A past President of the Society of Breast Imaging, he is the author of more than 200 published articles and texts, and a consultant to industry and government on emerging technologies. Dr. Brenner brings his 36 years of both academic and private practice experience to a unique conference that integrates all subjects into one cohesive presentation. The discussions avoid the duplications and gaps that result in conferences with multiple speakers. State of the art literature reviews supplement case driven teaching in a format that is as intense as it is entertaining and enlightening.

### PROGRAM SCHEDULE

#### Thursday, OCTOBER 12 | 2017

7:30-8:00 AM	Registration, Exhibits and Continental Breakfast <b>SESSION 1: Conventional Imaging: New Perspectives to Improve Interpretation</b>
8:00-10:00	Breast Anatomy, Pathology, and Imaging Correlates: Why Things Look the Way They Do (Interactive)
10:00-10:15	Coffee Break and Exhibits
10:15-10:45	Sentinel Lymph Node Analysis and Its Place in Imaging Strategies
10:45-12:00 PM	Evaluation of One and Two View Breast Asymmetries: Simplified and More Validated Approaches
12:00-1:30	Lunch Break (on own)
1:30-3:00	Evaluation of Breast Masses and Calcifications
3:00-3:15	Coffee Break and Exhibits <b>SESSION 2: Surveillance</b>
3:15-4:30	Imaging Surveillance (Mammography, Sonography, MRI): Rationale, Approach, Outcomes
4:30-5:30	Questions and Answers

#### Friday, OCTOBER 13 | 2017

7:30-8:00 AM	Registration, Exhibits and Continental Breakfast <b>SESSION 3: Breast Density and MRI: Current Status, Future Directions</b>
8:00-10:15	Breast MRI: Part I. Silicone and Tumor Studies: General Principles and Indications
10:15-10:30	Coffee Break and Exhibits
10:30-12:00 PM	Breast MRI: Part II. Tumor Studies, Pitfalls, Strategies, Outcomes, Relationship to Other Physiologic Imagings
12:00-1:30	Lunch Break (on own)
1:30-3:00	Breast Density: Issues of Risk and Analysis of Supplementary Screening Options (Tomo, MBI, Ultrasound, MRI, Others)
3:00-3:15	Coffee Break and Exhibits <b>SESSION 4: Intervention</b>
3:15-4:15	Biopsy Techniques: Stereotactic, Ultrasound, MRI, Needle Localization: Practical Tips
4:15-5:15	Controversies in Management of Percutaneous Biopsies
5:15-5:30	Questions and Answers

#### Saturday, OCTOBER 14 | 2017

7:30-8:00 AM	Registration, Exhibits and Continental Breakfast <b>SESSION 5: Medical/Legal Issues</b>
8:00-10:30	Medical Legal Issues for the Radiologist and Facility: Avoiding False Negatives and Miscommunication
10:30-11:00	Questions and Answers
11:00	Course Adjourns

### 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.

# Breast Imaging from A to Z

October 12-14, 2017  
Encore at Wynn Las Vegas

## ACCOMMODATIONS

The **five-star, five-diamond Encore at Wynn Resort Las Vegas** is the leader in quality and luxury on the Las Vegas strip. The hotel has also received a Michelin ranking of Five Red Pavilions; the only resort in Las Vegas to have received this designation and Wynn holds more Forbes Travel Guide Five Star awards than any other casino resort in the world. Rooms features expansive floor space, complete with floor to ceiling windows, separate sitting areas, luxury bedding, and soaking tubs with separate glass enclosed shower.

## BEST HOTEL IN LAS VEGAS AT THE BEST NEGOTIATED RATE

A special rate of **\$229.00 per night** (Tuesday-Thursday) and **\$269.00 per night** (Friday & Saturday nights) per room per night for a Resort Suite has been reserved for our conference participants. This rate is for single or double occupancy and is subject to tax. To receive this special rate, please make your reservation no later than **September 11, 2017**. Rooms at this special rate have been reserved for attendees on a first come, first-served basis and may sell out before the cut-off date. Please ask reservations for availability and rates on suites.

Don't be disappointed by waiting too long; reserve your room now at: <http://resweb.passkey.com/go/breastoctober2017> or by contacting Encore Room Reservations Department. Phone: 1-866-770-7555 or (702) 770-7000, or Fax: (702) 770-1571. Please identify yourself as a participant of the CME Science Breast Imaging conference, group code **6BST1017**. For more information on the Encore at Wynn Las Vegas Resort, please visit their website at [www.wynnlasvegas.com](http://www.wynnlasvegas.com) or call (702) 770-7000, toll free 1-888-320-7123. Travel Information: Visit [www.AdvancedBreastImaging.com](http://www.AdvancedBreastImaging.com) for destination information and travel discounts.

## TUITION AND REGISTRATION

### 4 WAYS TO REGISTER

- 1 Register and pay online and receive instant confirmation at [www.AdvancedBreastImaging.com](http://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

NAME: \_\_\_\_\_ TITLE: \_\_\_\_\_

STREET: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

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**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, no refunds will be given.

**On Site:** All lectures will be held in the meeting rooms of Wynn Las Vegas. Registration and check-in will begin at 7:30 a.m. on Thursday, October 12, 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](mailto:info@cmescience.com).