

# Annual Refresher Course

## BREAST IMAGING

MARCH 2, 2019

7:30 a.m. Breakfast

## BASICS AND BEYOND

Amanda Demetri-Lewis, DO, Moderator

7:55 a.m. Welcome

Amanda Demetri-Lewis, DO

8:00 a.m. History of Breast Imaging

Daniel B. Kopans, MD, FACR, FSBI

8:25 a.m. Screening Controversies

Regina Hooley, MD

8:55 a.m. Architectural Distortion in the Tomosynthesis Era

Manisha Bahl, MD, MPH

9:25 a.m. Q&A

9:45 a.m. Break

## NOVEL AND NEW TECHNIQUES IN BREAST IMAGING

Amanda Demetri-Lewis, DO, Moderator

10:00 a.m. Abbreviated Breast MRI

Emily Conant, MD

10:35 a.m. Photoacoustic Imaging and Other Novel Ultrasound Techniques

Reni Butler, MD

11:05 a.m. Contrast Enhanced Mammography

Jordana Phillips, MD

11:30 a.m. Artificial Intelligence (AI) in Breast Imaging

Constance Lehman, MD, PhD

12:00 p.m. Q&A

12:15 p.m. Lunch

## ADVANCING DIRECT PATIENT CARE

Regina Hooley, MD, Moderator

1:00 p.m. Patient-Centered Care in an Increasingly Diverse Landscape

Priscilla J. Slanetz, MD, MPH, FACR

1:30 p.m. Current Advancements and Future Trends in the Surgical Management of Breast Cancer

Christina Angeles, MD, FACS

2:00 p.m. Breast Density and Beyond: Risk Assessment in Breast Imaging

Emily Conant, MD

2:45 p.m. Q&A

3:15 p.m. Break

## WHERE WE ARE NOW

Regina Hooley, MD, Moderator

3:30 p.m. Challenging Cases

Bianca Carpentier, MD

4:00 p.m. The Evolution of BIRADS 3 in Breast MRI

Hannah Perry, MD

4:30 p.m. Molecular Imaging and Breast Cancer

Elizabeth Dibble, MD

5:00 p.m. Q&A

5:30 p.m. Program Adjournment

## COURSE ORGANIZERS:

Amanda Demetri-Lewis, DO

York Hospital

Carolyn DeBenedictis, MD

University of Massachusetts Medical Center

Elizabeth Dibble, MD

Brown University

Roberta diFlorio-Alexander, MD, MS

Dartmouth Hitchcock Medical Center

Regina Hooley, MD

Yale School of Medicine

Hannah Perry, MD

University of Vermont Medical Center

## PROGRAM DESCRIPTION:

In the spirit of the New England Roentgen Ray Society's 100th anniversary, the theme of this popular interactive course is the past, present, and future of breast imaging. Our invited speaker is Dr. Emily Conant from the University of Pennsylvania. She will discuss "Abbreviated Breast MRI" and "Breast Tissue Density and Risk Assessment." The morning program will include breast imaging basics and beyond, and new technologies in breast imaging, including photoacoustic imaging, artificial intelligence, and contrast-enhanced mammography. The afternoon session will focus on advancing direct patient care, including current advancements and future trends in the surgical management of breast cancer, molecular breast imaging, BIRADS 3 in MRI, and challenging cases.

## OBJECTIVES:

As a result of participating in this activity, learners will be able to:

- Discuss the history of breast imaging modalities in order to appreciate future applications.
- Articulate breast cancer screening controversies to patients and to peers.
- Define photoacoustic imaging.
- Perform appropriate interpretation of BIRADS 3 MRI lesions.
- Explain new advancements and future trends in the surgical management of breast cancer.
- Apply updated management strategies for breast tissue density and risk assessment.
- Discuss artificial intelligence's emerging role in breast imaging.

## 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 (ACCME) through the joint providership of the Massachusetts Medical Society and the New England Roentgen Ray Society, Inc. The Massachusetts Medical Society is accredited by the ACCME to provide continuing medical education for physicians.

## AMA CREDIT DESIGNATION STATEMENT

The Massachusetts Medical Society designates this live activity for a maximum of 8.25 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## RISK MANAGEMENT CREDIT

0.5 credits meet the criteria of the Massachusetts Board of Registration in Medicine for Risk Management Study.

## ASRT CREDIT

Approved by the ASRT for Category A continuing education credit for a total of 9.5 credits.

## INFORMATION CONCERNING APPLICATION FOR MEMBERSHIP:

1. Applicants are urged to read the Society's bylaws and code of ethics, especially those sections pertaining to requirements for membership and principles for the ethical practice of radiology. If you have not already received a copy, the secretary will mail one to you on request.
2. Active Membership: A candidate for active membership must be a physician or a scientist, active in radiology or an allied field. Physicians must be diplomates of the American Board of Radiology or eligible to be examined by the American Board of Radiology. The Executive Committee of this Society may grant active membership to physicians with other qualifications if these are considered appropriate. Candidates for active membership who are not physicians must hold board equivalent qualifications considered acceptable to the Executive Committee of the Society.
3. The Executive Committee will review all applications; it has the power to reject or to hold for further consideration such applications for membership that, in its opinion, do not fully comply with requirements for membership.
4. Please send the completed application with a check in the appropriate amount for membership status to the chapter administrator of the New England Roentgen Ray Society, Inc.:

Lina Szymkowski  
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P.O. Box 549132  
Waltham, MA 02454-9132  
Tel: (781) 434-7313  
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[NERRS.ORG](http://NERRS.ORG)

## THIRD ANNUAL NERRS CORE CASE REVIEW COURSE

FRIDAY, SATURDAY, AND SUNDAY,  
MAY 17, 18, AND 19, 2019

Partners Assembly Row, 399  
Revolution Dr., Somerville, MA

Course Directors: Harprit Bedi, MD,  
Roberta diFlorio-Alexander, MD, MS,  
and Stacy E. Smith, MD

A Comprehensive, Interactive  
Review for the core exam:  
information and registration will be  
found on [NERRS.org](http://NERRS.org) when available.