A MULTI-MODALITY IMAGING APPROACH TO WOMEN’S HEALTH

Jointly provided by Postgraduate Institute for Medicine and Penn Medicine Department of Radiology

OCTOBER 21-23
VIRTUAL COURSE

CREDITS
14.25 CME
12 SAM

2021
OVERVIEW

This CME course, with faculty from Penn Medicine at Pennsylvania Hospital, will present current diagnostic radiology approaches to women’s health. These include diseases of the breast, benign and malignant disorders of the pelvis, lung cancer and colon cancer, thyroid disease, and osteoporosis. Appropriate utilization of screening techniques will be examined, including tomosynthesis, ultrasound, MRI, DXA, MRI, and PET/CT. In addition, disparities in women’s healthcare, the global impact of imaging in women’s health, and ethical considerations will be discussed.

TARGET AUDIENCE

The course is intended for all health care providers who care for women and who order and interpret radiology studies, including internists, gynecologists, family physicians, and general radiologists. The role of interventional radiology will be included.

FACULTY

Brian S. Englander, MD
COURSE DIRECTOR
Chairman, Department of Radiology at Pennsylvania Hospital
Division of Breast Imaging at Pennsylvania Hospital

Joanne Brumbaugh, MD
Penn Medicine Clinician

Jonathan Dorff, MD
Assistant Professor of Clinical Radiology

Raymond M. Fabrizio, MD
Assistant Professor of Clinical Radiology

Michelle L. Hershman, MD
Assistant Professor of Clinical Radiology

Danya Levin, MD
Penn Medicine Clinician
Associate Program Director, Diagnostic Radiology Residency Program

Kheng L. Lim, MD
Assistant Professor of Clinical Radiology

Hima B. Prabhakar, MD
Assistant Professor of Clinical Radiology

Karen C. Rosenspire, MD, PhD
Assistant Professor of Clinical Radiology

Susan L. Summerton, MD
Associate Professor of Clinical Radiology

Linda White Nunes, MD, MPH
Vice-Chair, Inclusion, Diversity, and Equity
Division Chief, Abdominal Imaging at Pennsylvania Hospital

COURSE OBJECTIVES

Upon completion of this activity, participants should be able to:

- Discuss imaging evaluation in pregnancy, including infertility, the first trimester, and complications
- Evaluate radiologic diagnosis and management of malignant and benign disorders of the female pelvis
- Demonstrate the role of PET/CT for breast and gynecologic cancers
- Discuss screening techniques for cancer in the lung, colon, and thyroid
- Evaluate ethical considerations, disparities, and international needs for breast imaging
- Debate breast screening controversies, including secondary screening for high-risk patients (MRI, whole breast ultrasound) and management of clinical breast problems
- Summarize the implementation of DXA programs
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Welcome Remarks &amp; Course Introduction</td>
<td>Brian S. Englander, MD</td>
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<tr>
<td>8:10</td>
<td>Addressing Health Inequities in Women’s Imaging</td>
<td>Linda W. Nunes, MD, MPH</td>
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<td>8:50</td>
<td>Multimodality Imaging of Infertility</td>
<td>Hima B. Prabhakar, MD</td>
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<td>9:30</td>
<td>Management of the Pregnant Breast</td>
<td>Brian S. Englander, MD</td>
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<td>10:10</td>
<td>Intermission</td>
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<tr>
<td>10:20</td>
<td>First Trimester Pregnancy Ultrasound</td>
<td>Hima B. Prabhakar, MD</td>
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<td>11:00</td>
<td>Imaging of the Post-Partum Acute Abdomen</td>
<td>Kheng L. Lim, MD</td>
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<td>11:40</td>
<td>Sonographic Evaluation of Thyroid Nodules</td>
<td>Jonathan Dorff, MD</td>
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<td>12:20</td>
<td>Lung Cancer Screening</td>
<td>Michelle L. Hershman, MD</td>
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<td>1:00</td>
<td>Adjourn</td>
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<td>8:00</td>
<td>High-Risk Screening Assessment</td>
<td>Dayna Levin, MD</td>
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<td>8:40</td>
<td>Whole Breast Ultrasound</td>
<td>Susan L. Summerton, MD</td>
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<td>9:20</td>
<td>PET/CT Imaging in Breast Cancer</td>
<td>Karen C. Rosenspire, MD, PhD</td>
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<td>10:00</td>
<td>Management of Clinical Breast Problems</td>
<td>Brian S. Englander, MD</td>
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<td>10:30</td>
<td>Intermission</td>
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<tr>
<td>10:40</td>
<td>Global Approaches to Breast Cancer Screening and Diagnosis</td>
<td>Brian S. Englander, MD</td>
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<tr>
<td>11:20</td>
<td>Breast Screening Controversies</td>
<td>Dayna Levin, MD</td>
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<td>12:00</td>
<td>Bone Density Imaging: Why, When, and How</td>
<td>Brian S. Englander, MD</td>
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<td>12:30</td>
<td>Ethical Considerations in Breast Imaging</td>
<td>Joanne Brumbaugh, MD</td>
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<td>1:00</td>
<td>Adjourn</td>
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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 (COI) they may have as related to the content of this activity. All identified COI are thoroughly vetted and resolved according to PIM policy. PIM is committed to providing its learners with high quality activities and related materials that promote improvements or quality in healthcare and not a specific proprietary business interest of a commercial interest.

DISCLOSURE OF UNLABELED USE
This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. The planners of this activity do not recommend the use of any agent outside of the labeled indications. The opinions expressed in the educational activity are those of the faculty and do not necessarily represent the views of the planners. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

CONTINUING MEDICAL EDUCATION
The Postgraduate Institute for Medicine designates this live activity for a maximum of 14.25 AMA PRA Category 1 Credit(s)™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

For Physician Assistants, the APPA accepts certification of participation from courses certified for AMA PRA Category 1 Credit(s)™ and organizations accredited by the AACME or recognized state medical society. PAs may claim up to 14.25 AMA PRA Category 1 Credit(s)™ for completing this activity.

The breakdown of modality hours covered in the breast lectures are:
MRI: 2.25 | US: 3.75 | Mammo (M): 3.0 | PET/CT: 0.5

The breakdown of modality hours covered in the remaining activity lectures are:
MRI: 3.25 | US: 5.25 | CT: 3.75 | PET/CT: 0.5

SELF-ASSESSMENT MODULES (SAMS)
Participants in this activity will have an opportunity to earn 12 Self-Assessment credits (SAMs). These modules meet the ABR's criteria for a self-assessment activity in the ABR Maintenance of Certification program.

QUESTIONS? Call: 215-662-6982 | Email: cme@rad.upenn.edu

DISCLAIMER
Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed or suggested in this activity should not be used by clinicians without evaluation of their patient’s conditions and possible contraindications and/or dangers in use, review of any applicable manufacturer’s product information, and comparison with recommendations of other authorities.
REGISTRATION

Visit PennMedicine.org/RadiologyCME
(Visa, Mastercard, Amex or Discover accepted.)

CONFERENCE FEES (Fees listed in USD)
Physicians, Full Course .................................. $300
Resident/Fellows/PA-C with letter of verification . . . $175

REGISTER NOW

MEETING MATERIALS
A link to review the course lecture PDFs will be sent to registered participants in the week leading up to the course. This link will direct registrants to our Microsoft OneDrive platform. Participants are encouraged to review the PDFs before the meeting and note any questions they have for live Q&A during the course. The link to the PDFs will remain active until October 23, 2022. After the meeting has ended, participants will also have access to view lecture recordings in the virtual attendee hub for 30 days.

Virtual Attendee Hub: This course will be hosted via Cvent’s Virtual Attendee Hub.

On the hub, attendees can:
• View the course agenda and access all virtual lectures
• Submit lecture questions in real-time using Live Q&A
• Access lecture recordings in an on-demand format for 30 days after the meeting ends
• Complete the course evaluation, session surveys, and claim AMA PRA Category 1 Credit(s)™.
• Access self-assessment modules (SAMs) and receive instant feedback for SAM credit.

COURSE CANCELLATION POLICY & TUITION REFUNDS
A full refund for the enrollment fee will be made upon receipt of a written request if received by 5:00 pm on Monday, October 11, 2021. Refunds will not be made after this date.

Penn Medicine’s Department of Radiology reserves the right to cancel or postpone any activity due to unforeseen circumstances. In the unlikely event of cancellation or postponement, Penn Radiology will refund registration fees but will not be responsible for related costs or expenses to participants.

CME CERTIFICATES
Certificates are issued electronically upon completion of the course evaluation. Attendees should download the certificate and save it for their personal records.

Note: Attendees must complete the course evaluation and request their CME credits within 48-hours of the course end date.

PENN RADIOLOGY CME

2021

AUGUST 13-15 AND AUGUST 28-29
(VIRTUAL)
Diagnosis in the Neuraxis: Comprehensive Review of Clinical Neuroradiology (two modules)

OCTOBER 15-16
(VIRTUAL)
Advanced TAVR, TMVR, and Beyond with Hands on Review of 50 Cases

OCTOBER 21-23
(VIRTUAL)
A Multimodality Imaging Approach to Women’s Health

2022

JAN 9-12
Breast Imaging at the Beach
Four Seasons Resort Punta Mita | Riveria Nayarit, Mexico

FEBRUARY 21-25
Slope Side Imaging
Westgate Park City Resort & Spa | Park City, Utah

MARCH 6-9
Radiology After Hours: Acute Diagnosis on Evenings and Weekends
Fairmont Mayakoba | Riviera Maya, Mexico

JUNE 27-JULY 1
43rd Annual Diagnostic Imaging: Back to the Vineyard
Harbor View Hotel | Edgartown, Massachusetts

JULY 25-29
Around the Clock Imaging
Hotel Omni Mont-Royal | Montreal, Quebec, Canada