



Penn Medicine
Department of Radiology



44TH ANNUAL DIAGNOSTIC IMAGING: KEYS TO OPTIMIZING RADIOLOGY INTERPRETATION



AUGUST 5-8

Harborside Hotel, Spa & Marina
Bar Harbor, Maine

2024



OVERVIEW

This four-day course will provide tips for improving diagnostic skills in the interpretation of a wide range of commonly encountered exams, including thyroid sonography, women's imaging, and PET CT. A particular focus will be on chest and abdominopelvic CT in the Emergency Department. Each presentation was chosen to highlight imaging pitfalls and provide participants with practical tips they can immediately incorporate into their practice.

COURSE OBJECTIVES

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

- Distinguish between benign and malignant findings on mammography and breast MR
- Apply ACR diagnostic criteria to adnexal (O-RADS) and thyroid lesions (TI-RADS)
- Recognize surgical emergencies and complications on abdominal CT exams
- Diagnose acute pathology on sonographic imaging of the male and female pelvis
- Discuss the CT and MR appearance of abnormal genitourinary and retroperitoneal findings
- Diagnose acute cardiac and vascular pathology on CT
- Recognize pathology and diagnostic pitfalls on PSMA and FDG PET CT and thyroid/parathyroid scintigraphy
- Understand the potential for artificial intelligence to impact radiology practice

Perelman School of Medicine
at the University of Pennsylvania

FACULTY

Jill E. Langer, MD
COURSE DIRECTOR

Professor of Radiology
Ultrasound Section Chief
Division of Abdominal Imaging

Tessa S. Cook, MD, PhD

Director, 3-D and Advanced Imaging Laboratory
Director, Center for Practice Transformation
in Radiology
Associate Professor of Radiology
Division of Cardiovascular Imaging

Joanie Garratt, MD

Assistant Professor of Clinical Radiology
Division of Abdominal Imaging

Sophie R. O'Brien, MD

Assistant Professor of Clinical Radiology
Division of Nuclear Medicine and Breast Imaging



SCHEDULE

MONDAY, AUGUST 5, 2024

- 6:30 Registration/Breakfast
- 7:15 Announcements
- 7:30 Architectural Distortion and Asymmetries: When to Biopsy?
Sophie O'Brien MD
- 8:15 Pelvic Pain: Maximizing Your 16 Shades of Grey
Jill E. Langer MD
- 9:00 Calcifications on Mammography: Case-Based Review
Sophie O'Brien MD
- 9:45 Q&A
- 10:00 Coffee Break
- 10:15 O-Rads: Okay, or Oh my, not another RADS!
Jill E. Langer MD
- 11:00 Breast MRI: Cases and Questions
Sophie O'Brien MD
- 11:45 Ectopic Pregnancy: Usual and Unusual Suspects
Jill E. Langer MD
- 12:30 Q&A
- 12:45 Adjourn

TUESDAY, AUGUST 6, 2024

- 7:00 Breakfast
- 7:30 A New Radiotracer: PSMA PET for Prostate Cancer Patients
Sophie O'Brien MD
- 8:15 From Pixels to Prognosis: A Clinician's Perspective of Renal and Urothelial Cancer
Joanie Garratt MD
- 9:00 FDG PET Pearls and Pitfalls
Sophie O'Brien MD
- 9:45 Q&A
- 10:00 Coffee Break
- 10:15 Womb Wonders: MR Imaging of Mullerian Anomalies
Joanie Garratt MD
- 11:00 Thyroid and Parathyroid Scintigraphy: From Foundations to Nuance
Sophie O'Brien MD
- 11:45 Through the Layers: Multimodality Imaging of the Retroperitoneum
Joanie Garratt MD
- 12:30 Q&A
- 12:45 Adjourn

WEDNESDAY, AUGUST 7, 2024

- 7:00 Breakfast
- 7:30 Emergency Digest: Unraveling the Mysteries of the Bowel and Bellyaches
Joanie Garratt MD
- 8:15 Follow That Flap! Acute Diagnoses in the Thoracic Aorta
Tessa Cook MD, PhD
- 9:00 CT Chronicles: Abdominopelvic Trauma Edition
Joanie Garratt MD
- 9:45 Q&A
- 10:00 Coffee Break
- 10:15 Acute Abnormalities in the Abdominal Aorta: Diagnoses Below the Diaphragm
Tessa Cook MD, PhD
- 11:00 Beyond the Scalpel: CT Case Review of Post-Operative Complications
Joanie Garratt MD
- 11:45 Heart of the Matter: Mastering Acute Diagnoses on Cardiac CTA
Tessa Cook MD, PhD
- 12:30 Q&A
- 12:45 Adjourn

THURSDAY, AUGUST 8, 2024

- 7:00 Breakfast
- 7:30 Seeing Through the Haze: Diagnosing Pulmonary Embolism on Chest CT
Tessa Cook MD, PhD
- 8:15 Thyroid Nodules: Managing to Overcome This Pain in the Neck
Jill E. Langer MD
- 9:00 Acute Diagnoses on Cardiovascular Imaging: Case Review
Tessa Cook MD, PhD
- 9:45 Q&A
- 10:00 Coffee Break
- 10:15 Diffuse Thyroid Disease
Jill E. Langer MD
- 11:00 Artificial Intelligence: What the Practicing Radiologist Should Know
Tessa Cook MD, PhD
- 11:45 Scrotal Pearls and Pitfalls
Jill E. Langer MD
- 12:30 Q&A/Wrap-Up
- 12:45 Adjourn

ACCREDITATION STATEMENT



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

PHYSICIAN CONTINUING MEDICAL EDUCATION

Physicians: Penn Medicine designates this live activity for a maximum of **20.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

▶ DISCLOSURE OF CONFLICTS OF INTEREST

The Perelman School of Medicine at Penn (Penn Medicine) requires instructors, planners, moderators, 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 with any ineligible companies as related to the content of this activity. All identified COI are mitigated and resolved according to Penn Medicine's policy. Penn Medicine 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 an ineligible company (commercial interest).

▶ DISCLOSURE OF UNLABELED USE

This educational activity may contain a 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.

▶ 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.

CREDIT BREAKDOWN

Daily Credits:

Mon: 5.25 | Tue: 5.00 | Wed: 5.00 | Thu: 5.00

The total hours covered in each modality include:

CT: 7.50 | MR: 3.00 | US: 4.50 | NM: 2.25

Breast Lectures:

MR: 0.75 | Mammo: 1.50

▶ AMERICANS WITH DISABILITIES ACT

Event staff will be glad to assist you with any special needs (i.e., physical, dietary, etc.). Please contact our office at least two weeks prior to the live event at 215-662-6982 or via email at cme@rad.upenn.edu.

▶ MEETING MATERIALS

Access to a personalized virtual attendee portal is included with your registration fee. Course materials including an electronic syllabus will become available through the virtual attendee portal in the week leading up to the course. Participants can access the daily syllabus slides through the portal or download them directly to their laptop or tablet.

▶ COURSE CANCELLATION POLICY & TUITION REFUNDS

- A full refund for a **full course in-person enrollment fee**, less a \$100 administrative fee, will be made if received by 5:00 p.m. on Friday, July 5, 2024.
- A full refund for a **virtual course enrollment fee**, less a \$35 administrative fee, may be made up to one week before the first day of the course.

Refund requests must be in writing and submitted via email. Refunds will not be made after the dates corresponding to your registration type.

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, including cancellation fees assessed by airlines, travel agencies, and hotels.

QUESTIONS?

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





ACCOMMODATIONS

THE HARBORSIDE HOTEL, SPA AND MARINA

<https://www.opalcollection.com/harborside/>

**55 West Street
Bar Harbor, ME 04609
Local: 207.288.5033
Reservations: 866.258.7253**

CUT-OFF DATE: JULY 4, 2024

CHECK IN: 4:00 PM | CHECK OUT: 11:00 AM

Our meeting location, Bar Harbor, Maine, is the gateway to Acadia National Park, one of the most visited parks in America, known for its fantastic scenery, numerous hiking trails, and outdoor adventures. Downtown Bar Harbor offers plenty of eateries, shopping, and beautiful oceanfront views.

ROOM BLOCK & DISCOUNTED RATES

All attendees are asked to register before booking their accommodations. Booking information will be included in the course registration confirmation. If you contact the hotel directly, be sure to mention the Penn Radiology group block. Rates cannot be changed for guests who fail to identify their affiliation when the reservation is requested.

We have arranged a group rate for various guest rooms at the Harborside Hotel, Spa, and Marina. Due to the size of our room block, reservations are limited to two (2) sleeping rooms per paying registrant. Please make all reservations in the name of the course attendee, as we cross-check hotel and registration lists regularly. All reservations must be made by 7/04/2024 unless our group block fills sooner.

Standard View King	\$649/night
Partial View King w/ Sleeper Sofa	\$689/night
Standard View King w/ Sleeper Sofa	\$659/night
Two Queens-Standard View	\$679/night

There is an additional charge of \$30 per person, per night, for each additional guest over the age of 18 staying in the room. Room rates are subject to applicable state and local taxes, currently 9%. Housekeeping and bellman gratuities are at the discretion of the individual.

A \$35 taxable resort fee, per room, per night provides:

- Complimentary self-parking; Valet Parking is \$15/night
- Internet in guest rooms and public space
- Outdoor swimming pool and hot tub
- A \$15 voucher per stay to Bar Harbor Whale Watch
- Access to the state-of-the-art fitness center at the Bar Harbor Club Spa and the Pool House, which includes an oceanfront pool & hot tub, tennis courts, and game room.

HOTEL DEPOSIT AND CANCELLATION POLICY

All reservations must be guaranteed by a major credit card or a first night's room deposit plus tax. All reservations that are not canceled at least seven (7) days before the arrival date will be charged one night's room and tax.

TRAVEL INFORMATION

Airports: The resort is conveniently located 39 miles from Bangor International Airport (BGR). The smaller local airport is Hancock County-Bar Harbor Regional (BHB). It is about 12 miles from the resort but has limited flights and car rental services.

Car Rentals: Bangor International Airport has several car rental options. For this meeting, we made arrangements for special rates with Budget Car Rental. Enter the BCD code when making your reservation. Budget: 800.215.7992 or www.budget.com
BCD #: U306158

REGISTRATION

Visit PennMedicine.org/RadiologyCME

(Visa, Mastercard, Amex or Discover accepted.)

ALL-INCLUSIVE REGISTRATION

Physicians (By 5/3/24, 11:59 PM)\$1,325.00

Physicians (After 5/4/24, 12:01 AM)\$1,475.00

INCLUDES:

- Course Tuition
- Electronic Syllabus
- Daily Live-Stream and On-Demand Daily Access
- Daily Breakfast and Break Refreshments
- Complimentary Welcome Happy Hour for course registrant and a guest
- CME certificate emailed upon completion of the course evaluation

IN-PERSON ONLY REGISTRATION

Physicians (By 5/3/24, 11:59 PM) \$1,125.00

Physicians (After 5/4/24, 12:01 AM)\$1,275.00

INCLUDES:

- Course Tuition
- Electronic Syllabus
- Daily Breakfast and Break Refreshments
- Complimentary Welcome Happy Hour for course registrant and a guest
- CME certificate emailed upon completion of the course evaluation
- At the conclusion of the course, registrants will have access to the lecture recordings for 30 days

The "All-Inclusive" and "In-Person" registrations include two tickets to a Welcome Happy Hour on Sunday, August 4, 2024. The course registrant and one guest are invited to join us from 5:00 - 6:00 PM for a light reception before dinner. Fees apply for additional adults and children and may be purchased during the registration process. The daily breakfast and breaks on meeting days are for course registrants only.

QUESTIONS?

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

VIRTUAL COURSE REGISTRATION

Physicians \$775.00

Can't join us in Maine? With live streaming capabilities, you can join us virtually from any browser. Ask questions and learn with other physicians — almost as if you are in the room. Miss a morning lecture? The on-demand feature permits you to rewatch the live stream recording later in the day with fast-forward and pause features. You will have access to these recordings for 30 days once the course ends. Be sure to watch what you missed and claim your CME credits during the specified window!

ADDITIONAL DISCOUNTS

An additional 10% off the Full Course fee (In-Person or Virtual) is available to those in one of the categories below. Registrations will be verified. Please use code **PENN10** when prompted at checkout.

- Penn Radiology Alumni
- Current Residents & Fellows (with a letter of verification)
- VA/DOD/Active Military
- International Registrants (living outside the USA)
- Retired Physicians
- Penn Radiology Alumni
- Current Residents & Fellows (with a letter of verification)
- VA/DOD/Active Military
- International Registrants (living outside the USA)
- Retired Physicians

PENN RADIOLOGY CME

2024

▶ **SEPTEMBER 25-28**
Neuroimaging in the Adirondacks: The Peaks and Valleys of CNS Imaging
Mirror Lake Inn Resort & Spa
Lake Placid, New York

2025

▶ **JANUARY 13-17**
Breast & Body Imaging at the Beach
Four Seasons Resort
Costa Rica at
Peninsula Papagayo
Guanacaste, Costa Rica

▶ **FEBRUARY 18-22**
Slopeside Insights: Navigating Abdominal and Thoracic Imaging
The Grand Hyatt Vail
Vail, Colorado

▶ **MARCH 17-21**
Pearls, Pitfalls & Protocols: Spring Imaging Update
Walt Disney World Swan Reserve
Lake Buena Vista, FL