



Penn Medicine
Department of Radiology



ONCOLOGIC IMAGING: WHAT THE RADIOLOGIST NEEDS TO KNOW

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



CREDITS
20 | 16
CME | SAM

OCTOBER 14-17

Fairmont Hamilton Princess & Beach Club
Bermuda

2019



PERELMAN SCHOOL OF MEDICINE AT THE UNIVERSITY OF PENNSYLVANIA SPEAKERS

Jill E. Langer, MD
COURSE DIRECTOR
Professor of Radiology

Laurie A. Loevner, MD
Professor of Radiology, Neurosurgery,
Otorhinolaryngology & Ophthalmology
Chief, Division of Neuroradiology

Daniel A. Pryma, MD
Associate Professor of Radiology & Radiation Oncology
Chief, Division of Nuclear Medicine and
Clinical Molecular Imaging

Susan L. Summerton, MD
Associate Professor of Clinical Radiology

Samantha P. Zuckerman, MD
Assistant Professor of Clinical Radiology

► MEETING MATERIALS

A link to download the course lecture PDFs will be sent to registered participants in the week leading up to the course. Participants are encouraged to download the PDFs to their phone, tablet or laptop prior to arrival.

Meeting App:

All other course materials are provided via our meeting app, Penn Radiology, available for download in the App Store and Google Play.

On the app, attendees can:

- View the course schedule
- Submit lecture questions in real time using Live Q&A
- Complete self-assessment modules to earn SAM credits
- Access information about the meeting location, activities and dining

In addition to the download link with lecture PDFs, upon check-in, registrants may request a flash drive containing lecture PDFs. Note: A paper syllabus is not available.

► 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.

► 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.

► AMERICANS WITH DISABILITIES ACT

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



OVERVIEW

Skip the summer crowds and enjoy the warm, sunny Bermuda weather at this four-day course specially designed for the general radiologist. We will review the diagnostic imaging evaluation of common tumors, including breast, head and neck, thoracic, and abdominal malignancies. Current state-of-the-art modalities used for oncologic imaging, including CT, MRI, ultrasound, and PET/CT will be discussed, emphasizing the role of imaging in staging, treatment, and follow up of these patients. Daily case conferences and the opportunity to earn SAM credits throughout the week will be offered.

TARGET AUDIENCE

This CME activity is designed to educate diagnostic imaging physicians who perform and interpret imaging examinations. The content will also be beneficial to breast surgeons, neurologists, gynecologists, and gastroenterologists who order imaging procedures.

QUESTIONS?

Call 215.662.6982 or
email cme@rad.upenn.edu

Bermuda | **OCTOBER 14-17, 2019**

ONCOLOGIC IMAGING: WHAT THE RADIOLOGIST NEEDS TO KNOW



COURSE OBJECTIVES

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

- ❑ Discuss the roles of digital breast tomosynthesis and screening breast MR imaging for the detection of breast carcinoma
- ❑ Apply the ACR appropriateness criteria for the management of gynecomastia, benign disease, and male breast cancer
- ❑ Identify the imaging findings in the diagnosis and staging of head and neck, esophageal, gastric, colonic, gynecological and genitourinary tract tumors
- ❑ Describe the normal and abnormal postoperative appearance following oncologic surgery for GI and GU tract tumors
- ❑ Optimize abdominal CT colonography protocols to diagnose colon carcinoma
- ❑ Discuss current accepted and reimbursed indications for FDG PET/CT in the surveillance of cancer patients
- ❑ Explain how to manage incidental findings and avoid pitfalls on PET CT and CT colonography exams
- ❑ Apply the PET/CT-based tumor response assessment including Deauville, PERCIST and WHO criteria
- ❑ Solve imaging problems related to the use of MR imaging for head and neck cancers

SCHEDULE

MONDAY, OCTOBER 14, 2019

- 6:30a Registration/Continental Breakfast
- 7:20 Opening Remarks
Jill E. Langer, MD
- 7:30 Viral-Induced Neoplasia of the Head and Neck (MRI, CT)
Laurie A. Loevner, MD
- 8:15 Digital Breast Tomosynthesis: Today and Tomorrow (DBT)
Samantha P. Zuckerman, MD
- 9:00 Laryngeal Cancer: What the Clinician Needs to Know (CT, MRI)
Laurie A. Loevner, MD
- 9:45 Panel Q&A
- 10:00 Break/Refreshments
- 10:15 PET/CT in Head and Neck Cancer: Pearls and Pitfalls (PET/CT)
Laurie A. Loevner, MD
- 11:00 Update on Screening MR: Not Just for BRCA Patients (MRI)
Samantha P. Zuckerman, MD
- 11:45 TI-RADS and Thyroid Cancer Detection (US)
Jill E Langer, MD
- 12:30 Panel Q&A
- 12:45 Adjourn

TUESDAY, OCTOBER 15 2019

- 7:00a Continental Breakfast
- 7:30 Management of High Risk Breast Lesions (DM, US, MRI)
Samantha P. Zuckerman, MD
- 8:15 Orbital Neoplasia Patterns of Spread (CT/MR)
Laurie A. Loevner, MD
- 8:45 Breast Imaging in Special Populations: What to do when? (DM, US, MRI)
Samantha P. Zuckerman, MD

- 9:30 Panel Q&A
- 9:45 Break/Refreshments
- 10:00 Non-Ovarian GYN Malignancy: What role does the radiologist play? (US)
Jill E Langer, MD
- 10:45 Robotics in Head and Neck Cancer: Emphasis on Oropharyngeal Cancer (CT, MRI)
Laurie A. Loevner, MD
- 11:30 Challenging Cases in Breast Imaging (DM, US, DBT, MRI)
Samantha P. Zuckerman, MD
- 12:15 Ovarian Cancer Screening (US)
Jill E Langer, MD
- 12:45 Panel Q&A
- 1:00 Adjourn

WEDNESDAY, OCTOBER 16, 2019

- 7:00a Continental Breakfast
- 7:30 Accepted Indications for FDG PET/CT (PET/CT)
Daniel A. Pryma, MD
- 8:15 Imaging of Upper GI Tract Tumors (CT)
Susan L. Summerton, MD
- 9:00 Pearls and Pitfalls in FDG PET/CT (PET/CT)
Daniel A. Pryma, MD
- 9:45 Panel Q&A
- 10:00 Break/Refreshments
- 10:15 Screening for Colon Cancer: Role of CT Colonography (CT)
Susan L. Summerton, MD
- 11:00 FDG PET/CT in Response Assessment: Solid Tumors, Lymphoma, and Immunotherapy (PET)
Daniel A. Pryma, MD
- 11:45 Imaging of GU Tract Malignancies (CT)
Susan L. Summerton, MD
- 12:30 Panel Q&A
- 12:45 Adjourn

THURSDAY, OCTOBER 17, 2019

- 7:00a Continental Breakfast
- 7:30 Beyond FDG: PET/CT with Ga-68 DOTATATE, F-18 Fluciclovine, and PSMA (PET)
Daniel A. Pryma, MD
- 8:00 Incidentalomas on Abdominal Imaging (CT)
Susan L. Summerton, MD
- 8:45 The Role of Nuclear Medicine in Thyroid Disease (NM)
Daniel A. Pryma, MD
- 9:30 Panel Q&A
- 9:45 Break and Refreshments
- 10:00 Pre- and Post-Operative Imaging of the Colon (CT)
Susan Summerton, MD
- 10:45 Challenging Nuclear Medicine Cases (NM)
Daniel A. Pryma, MD
- 11:30 Prostate Cancer Update (MR, US)
Jill E Langer, MD
- 12:15 Panel Q&A
- 12:30 Adjourn

COURSE CANCELLATION POLICY & TUITION REFUNDS

A full refund for the enrollment fee, less a \$100 administrative cost will be made upon receipt of a written request (via fax or email) if received by 5:00 pm on **Monday, September 30, 2019**. 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, including cancellation fees assessed by airlines, travel agencies and hotels.

ACCREDITATION STATEMENT



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, this activity has been planned and implemented by the Postgraduate Institute for Medicine and Penn Medicine Department of Radiology. Postgraduate Institute for

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

The Postgraduate Institute for Medicine designates this live activity for a maximum of 20 *AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The credit breakdown by day:

Monday: 5.0	Wednesday: 5.0
Tuesday: 5.25	Thursday: 4.75

The total hours covered in each modality, excluding breast lectures include:

MR: 3.0 | CT: 6.0 | PET/CT: 2.25
US: 3.0 | PET: 1.5 | NM: 1.5

The total modality hours covered in the breast lectures include:

DBT: 1.5 | MRI: 3.0 | DM: 2.25 | US: 2.25

CME CERTIFICATES

At the conclusion of this activity, registered participants will receive an email with a link to complete an online evaluation and print their CME certificate.

SELF-ASSESSMENT MODULES (SAMS)

Participants in this activity will have an opportunity to earn **16 Self-Assessment credits (SAM)**. These modules meet the ABR's criteria for a self-assessment activity in the maintenance of certification (MOC) program. All SAM modules are administered through the course meeting app with instant feedback and references provided. Participants will receive a certificate of completion with the number of SAM credits earned within two weeks following the course end date.





Fairmont Hamilton Princess & Beach Club

<https://www.fairmont.com/hamilton-bermuda/>

76 Pitts Bay Road

HM08

Bermuda

Toll Free Room Reservations: 866-540-4447

CUT-OFF DATE: September 23, 2019

CHECK IN: 4:00 PM

CHECK OUT: 11:00 AM

ACCOMMODATIONS

Sit back and relax at Bermuda's premier luxury resort, The Fairmont Hamilton Princess & Beach Club. The "Pink Palace" as it is known, overlooks the blue waters of Hamilton Harbour and offers an urban oasis complete with beautiful guest rooms, infinity edge pool, and close proximity to shopping, dining and nightlife. Inside the lobby & public spaces guests can enjoy a public art program made possible as part of a recent \$100M renovation. The Hamilton Princess has received numerous awards including a AAA Four Diamond rating in 2019, the 2019 World Travel Award winner for Bermuda's Leading Hotel, and a #1 ranking in the Conde Nast Traveler 2018 Readers' Choice Awards for Top Resorts in The Bahamas, Bermuda, and Turks and Caicos.

ROOM BLOCK INFORMATION:

Penn Radiology has a limited block of Fairmont, Signature, and Deluxe guest rooms:

Fairmont Room \$329.00/night

Size: 350 sq.ft. | View: Hamilton City

Signature King..... \$459.00/night

Size: 375 sq.ft. | View: Hamilton Harbour

Includes larger private balcony

Deluxe Harbourview King \$379.00/night

Size: 325 sq.ft. | View: Hamilton Harbour

Includes private balcony

The current guestroom tax is 11.75% and the resort fee has been waived for registrants in our group block. The hotel will honor our group rates three days before and three days after our group arrival time and departure dates, subject to room availability. This rate is available until **9/23/19** unless our group block fills sooner. There is a fee for each additional person over the age of 18 sharing a room with two other adults. Persons younger than 18 years of age may share a room with their parents/guardians at no additional charge, but are subject to gratuities.

Special Group Concessions

- Complimentary guestroom Internet access
- Complimentary use of the fitness center
- Complimentary self-parking
- 10% discount on spa services at Exhale Spa with 9 treatment rooms

The Resort Fee Includes:

- Pool & Beach access & amenities
- Shuttle to Beach Club
- Complimentary daily ferry services for guests between the Fairmont Hamilton Princess and the city of Hamilton. Hotel ID is required. (Luggage is not permitted.)

HOTEL ROOM RESERVATIONS: 800.441.1414 | <http://bit.ly/OncologicImaging>

REGISTRATION

RESERVATIONS

Reservations may be made by phone, fax, email, or by visiting <http://bit.ly/OncologicImaging>

Hotel: +1-800-441-1414

Hotel Direct: 441-295-3000

Email: ham.reservations@fairmont.com

All reservations must be guaranteed for the first night's room and tax. Individual attendees will be charged for one night's room and tax if they cancel within 72 hours of arrival. Cancellations made prior to 72 hours will not be penalized.

GRATUITIES

There is a mandatory gratuity distributed to several departments within the hotel, including portage and housekeeping. If you wish to provide an additional tip to the Hotel's staff, please feel free to do so at your discretion. Gratuity is on a daily, per person basis, and is determined by room category. Guests staying in Fairmont, Deluxe & Signature rooms are charged \$12/person/day.

TRANSFER BETWEEN AIRPORT & HOTEL

L.F. Wade International Airport (BDA) is approximately 25 minutes from the Hamilton Princess. Taxis are readily available and will run approximately \$45 each way.

DINING

The Hamilton Princess offers four restaurants all with their own unique flavor and feel, as well as in-room dining and poolside dining. A number of great local eats and exciting nightlife are just steps away from the Hamilton Princess as well.

Amenities and Activities

- Princess Beach Club located on Sinky Bay (A complementary beach jitney provides easy access to & from the south shore location)
- Golf at Tuttle Hill Golf Club at the Fairmont Southampton-one of the top 5 par 3 courses in the world
- Prince & Princess Kid's Club-for ages 5-12

EARLY ENROLLMENT DEADLINE: NOVEMBER 10, 2019 (11:59PM)

To register for this conference:

► **ONLINE:** Visit PennMedicine.org/RadiologyCME

► **MAIL:** (USD only)

Penn Radiology CME

3400 Spruce St/1 Silverstein, Suite 130
Philadelphia, PA 19104-4238

Upon receipt of payment, an email confirmation is sent.

Be sure to include your preferred email address when registering. Your email is used to send instructions for downloading meeting materials, the meeting app, logging on and completing SAMs.

Name: _____

Affiliation: _____

Address: _____

City, State, Zip: _____

☐ This is my home address

☐ This is my business address

Phone: _____ Fax: _____

Email: _____

► LOYALTY REWARD

A \$100 discount off the Physician fee is available to anyone who attended a live UPENN CME course in 2018 and paid the full Physician Rate. To obtain this discount enter **RETURN2018** (case sensitive) when prompted for the CME Code. (Registrations will be verified.)

CONFERENCE FEES

	Register on or before 11:59 PM 8/19/19	Register after 12:01 AM 8/19/19
☐ Physician Rate	\$985.00	\$1,085.00
☐ Special Rate*	\$895.00	\$965.00

Welcome Reception (October 14, 2019)

Two tickets included with conference fee. Additional guest fees apply.)

I/We will attend _____ I/We will not attend _____

Additional Tickets

Adult \$85 # _____

Child \$50 # _____

*The Special Rate is available to Penn Medical Alumni, Penn Medicine Network Providers, VA/Active Military, Physicians residing outside the United States, and Retired physicians. Additional promotional discounts may not be applied to this rate.



Penn Medicine

Department of Radiology/Continuing Medical Education
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Philadelphia, PA 19104-4238

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PENN RADIOLOGY CME

2019

- ▶ **JULY 8-12**
**41st Annual Diagnostic Imaging:
On Cape Cod**
Chatham Bars Inn
Chatham, Massachusetts
- ▶ **JULY 29-AUGUST 2**
Around the Clock Imaging
Fairmont Pacific Rim
Vancouver, British Columbia, Canada
- ▶ **SEPTEMBER 7-10**
**Diagnosis in the Neuraxis:
Comprehensive Review of Clinical
Neuroradiology**
Perelman Center for Advanced Medicine
Philadelphia, Pennsylvania
- ▶ **OCTOBER 14-17**
**Oncologic Imaging: What the
Radiologist Needs to Know**
Fairmont Hamilton Princess &
Beach Club
Hamilton, Bermuda

2020

- ▶ **JANUARY 5-10**
**Breast and Body Imaging
at the Beach**
Andaz Costa Rica Resort at
Peninsula Papagayo
Guanacaste, Costa Rica
- ▶ **MARCH 23-27**
**Pearls, Pitfalls & Protocols:
Spring Imaging Update**
Disney's Grand Floridian Resort & Spa
Lake Buena Vista, Florida
- ▶ **JULY 6-10**
**Diagnostic Imaging:
Back to the Vineyard**
The Harbor View Hotel
Edgartown, Massachusetts
- ▶ **SEPTEMBER 19-22**
**Diagnosis in the Neuraxis:
Comprehensive Review of Clinical
Neuroradiology**
Perelman Center for Advanced Medicine
Philadelphia, Pennsylvania

To see more Penn Radiology courses, visit our calendar
PennMedicine.org/RadiologyCME