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.

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.

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
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
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**

**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

ACCREDITATION STATEMENT

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 AB&R’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.
ADDITIONAL CONCESSIONS:

• Complimentary self-parking daily for offsite attendees from 6:00 am - 7:30 am
• 10% discount off any hotel Spa treatments
• 10% discount off any costs related to the children's program
• Complimentary use of the hotel fitness center

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.)
ADDITIONAL CONCESSIONS:
• Complimentary self-parking daily for offsite attendees from 6:00 am - 7:30 am
• 10% discount off any hotel Spa treatments
• 10% discount off any costs related to the children’s program
• Complimentary use of the hotel fitness center

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

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

<table>
<thead>
<tr>
<th></th>
<th>Register on or before 11:59 PM 8/19/19</th>
<th>Register after 12:01 AM 8/19/19</th>
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<tr>
<td>❑ Physician Rate</td>
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<tr>
<td>❑ Special Rate*</td>
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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.
To see more Penn Radiology courses, visit our calendar
PennMedicine.org/RadiologyCME