IMAGING ADVANCES

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

NOVEMBER 9-12
Boca Raton Resort & Club
Boca Raton, Florida

CREDITS
21/16 CME/SAM

2020
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 multiple choice questions, receive instant feedback and earn SAM credits
- Access information about the meeting location, including activities and dining options.

In addition to the download link with all lecture slides, upon check-in, course registrants may request a flash drive with PDFs of the lecture slides. NOTE: a paper syllabus will not be 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.
Penn Radiology is excited to offer this course at the beautiful Boca Raton Resort and Club. The four-day program is designed to present the most up-to-date information on evolving guidelines and imaging techniques, and offer practical tips to enhance image interpretation skills which are of particular importance to diagnostic radiologists in clinical practice. Self-assessment modules (SAMS) will be offered throughout the week.

TARGET AUDIENCE:
This CME activity is designed to educate diagnostic imaging physicians who perform and interpret imaging examinations.

QUESTIONS?
Call 215.662.6982 or email cme@rad.upenn.edu
COURSE OBJECTIVES

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

- Discuss screening and diagnostic mammographic imaging guidelines for pregnant and lactating women, cisgender men and transgender patients
- Describe the normal and abnormal appearance of the breast following cosmetic and reconstructive procedures such as lifts, reductions, implants, flaps, and injections
- Discuss sonographic features of benign and malignant thyroid disease and how to integrate TI-RADS into nodule reporting
- Describe how to apply O-RADS to adnexal cystic lesions
- Discuss the MR, conventional CT and dual energy CT imaging findings and interpretative pitfalls in the evaluation of common gastrointestinal and genitourinary pathologies
- Identify the features of ischemia, infection, and trauma found on head and neck imaging
- Describe the findings of various infratentorial brain tumors and temporal bone pathology
- Describe the normal and abnormal chest radiographic appearance of devices used in the intensive care setting
- Identify and avoid pitfalls in diagnosis of pulmonary embolism, traumatic thoracic injuries, pulmonary infections, and adenocarcinoma spectrum lesions
MONDAY, NOVEMBER 9, 2020

6:30 Continental Breakfast/Registration

7:15 Announcements
Jill E. Langer, MD

7:30 Digital Breast Tomosynthesis Update: Optimizing Your Screening, Diagnostic and Procedural Skills
Samantha P. Zuckerman, MD

8:15 Challenges in Thyroid Nodule Characterization
Jill E. Langer, MD

9:00 Screening MRI: From BRCA to Average Risk Women with Dense Breasts
Samantha P. Zuckerman, MD

9:45 Break

10:00 High Risk Lesions: Excision or Observation?
Samantha P. Zuckerman, MD

10:45 Diffuse Thyroid Disease
Jill E. Langer, MD

11:30 Imaging the Augmented Breast
Samantha P. Zuckerman, MD

12:15 O-Rads or Oh My?...Not Another RADS!
Jill E. Langer, MD

1:00 Adjourn

TUESDAY, NOVEMBER 10, 2020

6:30 Continental Breakfast

7:15 Inflammatory Bowel Disease, CT and MR Enterography
Kristopher A. Tantillo, MD

8:00 Imaging Special Populations: What to Do When
Samantha P. Zuckerman, MD

8:45 Genitourinary Imaging: State-of-the-Art
Kristopher A. Tantillo, MD

9:30 Break

9:45 Central Skull Base: Variants and Pathology
Suyash Mohan, MD

10:30 Hematoma, Seroma, Abscess Versus Neoplasm: What are the Clues to Sort-Out the Diagnosis?
Kristopher A. Tantillo, MD

11:15 Imaging the “Found-Down” Patient: Where and How Radiology Makes a Difference?
Suyash Mohan, MD

12:00 Dual Energy CT in Clinical Practice
Kristopher A. Tantillo, MD

12:45 Adjourn

WEDNESDAY, NOVEMBER 11, 2020

6:30 Continental Breakfast

7:15 Update on LI-RADS
Kristopher A. Tantillo, MD

8:00 Maxillofacial Trauma: Practical Tips
Suyash Mohan, MD

8:45 Challenging Abdominal Imaging Cases
Kristopher A. Tantillo, MD

9:30 Break

9:45 Infratentorial Tumors: Differential Diagnosis by “Location”
Suyash Mohan, MD

10:30 Shortness of Breath: When it is not Pneumonia!
Arun C. Nachiappan, MD

11:15 Bugs and Thugs of the Neck: Acute and Deep Space Infections
Suyash Mohan, MD

12:00 Pulmonary Embolism: Old Questions and New Insights
Arun C. Nachiappan, MD

12:45 Adjourn
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>6:30</td>
<td>Continental Breakfast</td>
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<tr>
<td>7:15</td>
<td>Pulmonary Infections: Where on Earth?</td>
<td>Arun C. Nachiappan, MD</td>
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<td>8:00</td>
<td>Adult Temporal Bone: A Case-Based Review</td>
<td>Suyash Mohan, MD</td>
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<tr>
<td>8:45</td>
<td>Imaging of Thoracic Trauma: Tips and Traps</td>
<td>Arun C. Nachiappan, MD</td>
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<td>9:30</td>
<td>Break</td>
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<tr>
<td>9:45</td>
<td>Imaging in the ICU: Stay-Up-to-Date and Beware of Snares</td>
<td>Arun C. Nachiappan, MD</td>
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<td>10:30</td>
<td>Pelvic Pain – Subtle Sonographic Findings</td>
<td>Jill E. Langer, MD</td>
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<td>11:15</td>
<td>Thoracic Oncologic Imaging and Novel Therapies: A Practical Guide</td>
<td>Arun C. Nachiappan, MD</td>
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<tr>
<td>12:00</td>
<td>Challenging Ultrasound Cases</td>
<td>Jill E. Langer, MD</td>
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<td>12:45</td>
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**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 (JACOB), 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 **21 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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

- MRI: 9.0
- CT: 13.5
- US: 3.75
- NM: 1.5
- F: 1.5
- XR: 4.5

The total modality hours for the breast lectures:

- DBT: 3.0
- MRI: 3.0
- US: 2.25
- DM: 3.0

**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 (SAMs)**. These modules meet the ABR's criteria for a self-assessment activity in the ABR Maintenance of Certification program.
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

Boca Raton Resort and Club
http://bocaresort.com
501 East Camino Real
Boca Raton, Florida 33432
Reservations: (561) 447-3774

CUT-OFF DATE: October 19, 2020
CHECK IN: 3:00 PM
CHECK OUT: 11:00 AM

ACCOMMODATIONS

The Boca Raton Resort & Club, A Waldorf Astoria Resort is nestled in a Mediterranean-inspired village just steps from the sunny Florida coast. Among the resort’s grand facilities are 7 pools, 30 tennis courts, two 18-hole golf courses, 13 award-winning restaurants, a 32-slip marina, and the renowned Waldorf Astoria Spa, voted the No.1 spa in the country by Conde Nast Traveler’s Reader’s Choice Awards. The resort is AAA 4-Diamond rated and received 4 Stars from Forbes Travel Guide.

Penn Radiology has reserved a block of sleeping rooms at the specially negotiated rates below:

Cloister Estate ......................... $280/night
Tower Room .......................... $299/night
Tower Junior Suite ................. $350/night
Yacht Club ............................ $399/night

The sleeping room rates listed above are per room/night, subject to local, state, and federal taxes, currently 13%. The resort fee is $25/day and taxed at 13%. The hotel will honor our group rates three days before and after our group peak arrival and departure dates, subject to room availability. These rates are available until 10/19/2020 unless our group block fills sooner. Reservations may be made by phone, fax, or online at http://bit.ly/ImagingAdvances20 (case sensitive).

RESORT FEE INCLUDES:
• Round-trip porterage and bellman gratuities
• Wireless internet in guestrooms and public space
• Beach chairs at the Boca Beach Club
• 10% discount on tennis
• Access to two fitness centers
• Unlimited driving range usage and golf club storage

ADDITIONAL NEGOTIATED GROUP PERKS
• 10% discount on spa services and golf
• 20% discount on valet parking
• Reduced resort fee from $40/day to $25/day

AMENITIES AND SERVICES
• Seven Pools
• Private Beach
• Waldorf Astoria Spa
• Fitness Centers and Orange Theory Pop-In Studio
• Quest Kids’ Club

HOTEL CANCELLATION POLICY
All reservations must be guaranteed for the first night’s room and tax. Cancellations made prior to 24 hours will not be penalized. Individual attendees will be charged for one night’s room and tax if they cancel within 24 hours of arrival.

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:
SEPTEMBER 14, 2020 (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: _________________________________________

CONFERENCE FEES
All fees include an electronic syllabus available prior to the program via our meeting app, daily continental breakfast, and an electronic CME certificate immediately upon completion of the course evaluation. Also included is an Attendee Meet & Greet “Happy Hour” for each meeting registrant and a guest. Attendees are welcome to bring additional adults or children for a fee.

By 11:59 PM 9/14/20  After 12:01 AM 9/14/20
☐ Physician Rate  $995.00  $1,095.00
☐ Special Rate*  $795.00  $895.00

Meet & Greet “Happy Hour” (November 9, 2020)
Two tickets included with conference fee. Additional guest fees apply.)
☐ I/We will attend    ☐ I/We will not attend

Additional Tickets:
Adult (over 21) . . . . . . . . . . . . . . . . . . . . . . . $85.00  # of tickets_________
Child (6-20) . . . . . . . . . . . . . . . . . . . . . . . $45.00  # of tickets_________
Child (ages 5 & under) . . . . . . . . . . . . . . . . Complimentary

*The Special Rate is available to Penn Radiology Alumni, VA/Active Military, Physicians outside the USA, Penn Medicine Network Providers, retired physicians, and physicians practicing in the Greater Fort Lauderdale region. No additional discounts or promotions may be applied to this rate.

TRANSFER BETWEEN AIRPORT & RESORT
Boca Raton Resort & Club is located near three major airports:
• Fort Lauderdale International Airport (FLL): 20 miles south of Boca
• Palm Beach International Airport (PBI): 20 miles north of Boca
• Miami International Airport (MIA): 45 miles

Rental cars, taxis, and Uber/Lyft are convenient options to transfer to the hotel from the airport.

CAR RENTALS
We have made arrangements with Budget Car Rental for special rates during this meeting. Enter the BCD code below when making your reservation.

Budget: 800-215-7992 or www.budget.com
BCD #: U306158

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, October 26, 2020. 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.

LOYALTY REWARD
A $100 discount off the Physician fee is available to anyone who attended a UPENN CME course in 2019 and paid the full Physician Rate. To obtain this discount enter RETURN2019 (case sensitive) when prompted for the CME Code. (Registrations will be verified.)
PENN RADIOLOGY CME

2020

- **JULY 6-10**
  42nd Annual Diagnostic Imaging: Back to the Vineyard
  The Harbor View Hotel
  Edgartown, Massachusetts

- **NOVEMBER 9-12**
  Imaging Advances
  Boca Raton Resort & Club
  Boca Raton, Florida

2021

- **JANUARY 4-7**
  Breast Imaging at the Beach
  Four Seasons Resort, Punta Mita
  Riviera Nayarit, Mexico

- **MARCH 1-5**
  Slope Side Imaging
  Westgate Park City Resort & Spa
  Park City, Utah

- **MARCH 21-24**
  Radiology After Hours: Acute Diagnoses on Evenings & Weekends
  Fairmont Mayakoba
  Riviera Maya, Mexico

- **APRIL 5-7**
  Current Concepts in Breast Cancer Diagnosis and Management
  Conrad Dublin
  Dublin, Ireland

- **JUNE 28-JULY 2**
  43rd Annual Diagnostic Imaging: Back to the Vineyard
  The Harbor View Hotel
  Edgartown, Massachusetts

- **JULY 26-30**
  Around the Clock Imaging
  Hotel Omni Mont-Royal
  Montreal, Canada

- **SEPTEMBER 9-12**
  Diagnosis in the Neuraxis: Comprehensive Review of Clinical Neuroradiology
  Perelman Center for Advanced Medicine
  Philadelphia, Pennsylvania

MORE PROGRAMS LISTED ON OUR WEBSITE!
Visit Penn Radiology's course calendar: PennMedicine.org/RadiologyCME