IMAGING ADVANCE

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
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 us at least two weeks prior to the live event at 215-662-6982 or via email at cme@rad.upenn.edu.

PERELMAN SCHOOL OF MEDICINE AT THE UNIVERSITY OF PENNSYLVANIA

SPEAKERS

Jill E. Langer, MD
Professor of Radiology
Division of Abdominal Imaging

Suyash Mohan, MD
Associate Professor of Radiology & Neurosurgery
Division of Neuroradiology

Arun C. Nachiappan, MD
Associate Professor of Clinical Radiology
Division of Thoracic Imaging

Kristopher A. Tantillo, MD
Assistant Professor of Clinical Radiology
Division of Abdominal Imaging

Samantha P. Zuckerman, MD
Assistant Professor of Clinical Radiology
Division of Breast Imaging
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
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.
- Review imaging findings associated with a variety of neurologic and head and neck emergencies to ensure prompt and accurate diagnosis.
- Discuss common and uncommon infratentorial brain tumors and temporal bone lesions.
- 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.
## SCHEDULE

**MONDAY, NOVEMBER 9, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>6:30</td>
<td>Continental Breakfast/ Registration</td>
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<tr>
<td>7:15</td>
<td>Announcements</td>
<td><strong>Jill E. Langer, MD</strong></td>
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<tr>
<td>7:30</td>
<td>Digital Breast Tomosynthesis Update: Optimizing Your Screening, Diagnostic and Procedural Skills</td>
<td><strong>Samantha P. Zuckerman, MD</strong></td>
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<tr>
<td>8:15</td>
<td>Challenges in Thyroid Nodule Characterization</td>
<td><strong>Jill E. Langer, MD</strong></td>
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<td>9:00</td>
<td>Screening MRI: From BRCA to Average Risk Women with Dense Breasts</td>
<td><strong>Samantha P. Zuckerman, MD</strong></td>
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<tr>
<td>9:45</td>
<td>Break</td>
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<tr>
<td>10:00</td>
<td>High Risk Lesions: Excision or Observation?</td>
<td><strong>Samantha P. Zuckerman, MD</strong></td>
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<tr>
<td>10:45</td>
<td>Diffuse Thyroid Disease</td>
<td><strong>Jill E. Langer, MD</strong></td>
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<tr>
<td>11:30</td>
<td>Imaging the Augmented Breast</td>
<td><strong>Samantha P. Zuckerman, MD</strong></td>
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<tr>
<td>12:15</td>
<td>O-Rads or Oh My?…Not Another RADS!</td>
<td><strong>Jill E. Langer, MD</strong></td>
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<td>1:00</td>
<td>Adjourn</td>
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**TUESDAY, NOVEMBER 10, 2020**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(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>Inflammatory Bowel Disease, CT and MR Enterography</td>
<td><strong>Kristopher A. Tantillo, MD</strong></td>
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<tr>
<td>8:00</td>
<td>Imaging Special Populations: What to Do When</td>
<td><strong>Samantha P. Zuckerman, MD</strong></td>
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<tr>
<td>8:45</td>
<td>Genitourinary Imaging: State-of-the-Art</td>
<td><strong>Kristopher A. Tantillo, MD</strong></td>
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<tr>
<td>9:30</td>
<td>Break</td>
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**WEDNESDAY, NOVEMBER 11, 2020**

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<tr>
<th>Time</th>
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<th>Speaker(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>Update on LI-RADS</td>
<td><strong>Kristopher A. Tantillo, MD</strong></td>
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<tr>
<td>8:00</td>
<td>Maxillofacial Trauma: Practical Tips</td>
<td><strong>Suyash Mohan, MD</strong></td>
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<tr>
<td>8:45</td>
<td>Challenging Abdominal Imaging Cases</td>
<td><strong>Kristopher A. Tantillo, MD</strong></td>
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<tr>
<td>9:30</td>
<td>Break</td>
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<tr>
<td>9:45</td>
<td>Infratentorial Tumors: Differential Diagnosis by “Location”</td>
<td><strong>Suyash Mohan, MD</strong></td>
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<tr>
<td>10:30</td>
<td>Shortness of Breath: When it is not Pneumonia!</td>
<td><strong>Arun C. Nachiappan, MD</strong></td>
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<tr>
<td>12:00</td>
<td>Dual Energy CT in Clinical Practice</td>
<td><strong>Kristopher A. Tantillo, MD</strong></td>
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<td>12:45</td>
<td>Adjourn</td>
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### THURSDAY, NOVEMBER 12, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>6:30</td>
<td>Continental Breakfast</td>
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</table>
| 7:15  | Pulmonary Infections: Where on Earth?  
*Arun C. Nachiappan, MD*            |
| 8:00  | Adult Temporal Bone: A Case-Based Review  
*Suyash Mohan, MD*                  |
| 8:45  | Imaging of Thoracic Trauma: Tips and Traps  
*Arun C. Nachiappan, MD*            |
| 9:30  | Break                                                                                     |
| 9:45  | Imaging in the ICU: Stay-Up-to-Date and Beware of Snares  
*Arun C. Nachiappan, MD*           |
| 10:30 | Pelvic Pain – Subtle Sonographic Findings  
*Jill E. Langer, MD*                |
| 11:15 | Thoracic Oncologic Imaging and Novel Therapies: A Practical Guide  
*Arun C. Nachiappan, MD*           |
| 12:00 | Challenging Ultrasound Cases  
*Jill E. Langer, MD*                |
| 12:45 | Adjourn                                                                                   |

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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 extend 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.
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](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.

**ACCOMMODATIONS**

**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

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.

REGISTRATION

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