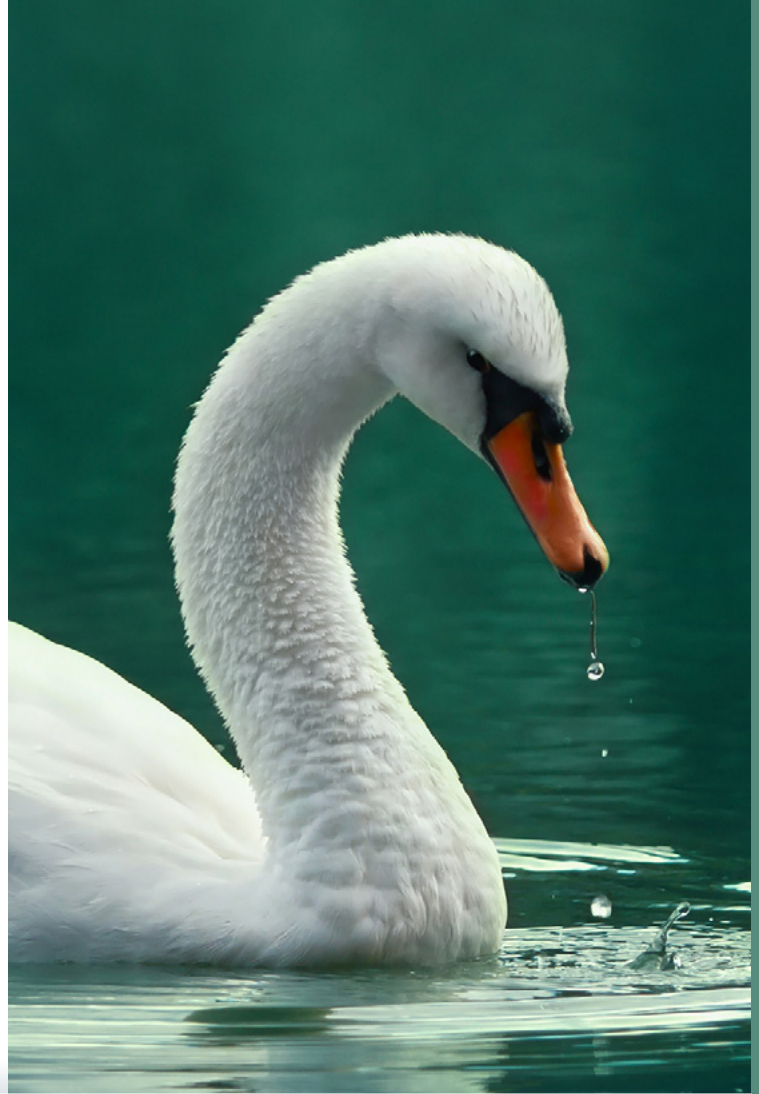
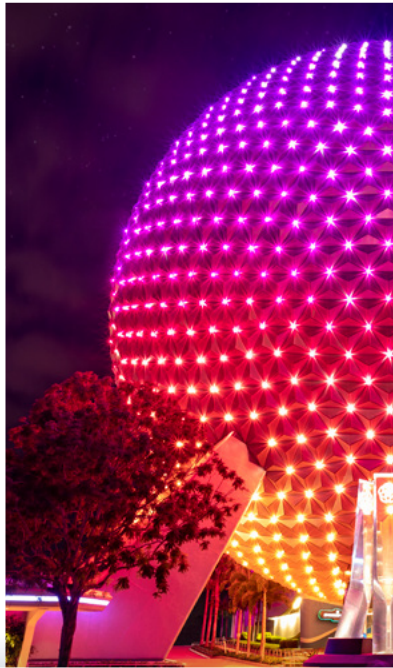




Penn Medicine



**MARCH 17-21**

**Walt Disney World® Swan Reserve  
Lake Buena Vista, FL**

*In-Person and Live-Streaming Opportunities*

**2025**

*As to Disney properties/artwork: © Disney*



## OVERVIEW

This program addresses practical challenges in imaging interpretation and aims to enhance diagnostic skills across a spectrum of common and rare clinical scenarios. Participants will delve into innovative imaging protocols, focusing on identifying potential pitfalls. The curriculum spans selected topics in neuroradiology, abdominal, breast, thoracic, & musculoskeletal radiology. Daily case` conferences spotlight missed diagnoses and misinterpretations, offering valuable learning opportunities. Our daily half-day program allows you and your family to enjoy the *Walt Disney World*<sup>®</sup> Resort and other attractions or simply unwind with well-deserved R&R.

## COURSE OBJECTIVES

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

- Apply the current advances in radiology for accurate image interpretation of common and uncommon diseases across multiple radiologic subspecialties
- Design and implement appropriate imaging protocols to optimize diagnostic accuracy and minimize pitfalls
- Review the updated classification of CNS neoplasms, and provide practical tips to distinguish tumor progression from treatment effects and tumor mimics
- Apply ACR diagnostic criteria to thyroid (TI-RADS), adnexal lesions (O-RADS), and liver (LI-RADS)
- Learn how to improve diagnostic accuracy across a spectrum of benign and malignant breast pathologies, including imaging of special populations
- Discuss the framework for developing a differential diagnosis for diffuse lung diseases.
- Recognize early and late complications in the postoperative spine
- Identify and discuss common perceptual and interpretive errors through daily missed case conferences

## TARGET AUDIENCE

This course is designed for radiologists in clinical practice or in-training.

## PENN MEDICINE FACULTY

### **Suyash Mohan, MD**

#### PROGRAM DIRECTOR

Associate Professor of Radiology  
& Neurosurgery  
Division of Neuroradiology

### **Samantha P. Zuckerman, MD, MBE**

Assistant Professor of Clinical Radiology  
Division of Breast Imaging

### **Scott A. Simpson, DO, MSEd**

Associate Professor of Clinical Radiology  
Division of Thoracic Imaging

### **Jill E. Langer, MD**

Vice Chair, Faculty Development  
Professor of Radiology  
Division of Abdominal Imaging

### **Amr K. El Jack, MD, PhD**

Assistant Professor of Clinical Radiology  
Division of Abdominal Imaging

### **John H. Woo, MD**

Associate Professor of Radiology  
Division of Neuroradiology

## GUEST SPEAKER

### **Viviane Khoury, MD, FRCPC**

Musculoskeletal Radiologist,  
Medvue Imaging  
President, Canadian Society of  
Skeletal Radiology

# SCHEDULE

## MONDAY, MARCH 17, 2025

- 6:30 Registration/Continental Breakfast
- 7:15 Opening Remarks  
Suyash Mohan, MD
- 7:30 Emerging US Technologies: Help or Hype!  
Jill E. Langer, MD
- 8:00 WHO Changed the 'CNS Tumor Classification' & WHY?  
WHAT Neuroradiologists Need to Know! –  
Suyash Mohan, MD
- 8:30 O-RADS: Standardization of Adnexal Lesion Reporting  
Jill E. Langer, MD
- 9:00 Tumor Progression or Treatment-Related Changes:  
Putting the Pieces Together  
Suyash Mohan, MD
- 9:30 Questions and Answers
- 9:45 Coffee Break
- 10:00 Challenges in Thyroid Nodule Characterization:  
Update on ACR TI-RADS  
Jill E. Langer, MD
- 10:30 Demystifying the Central Skull Base: Pathology or a Pitfall  
Suyash Mohan, MD
- 11:00 Parathyroid Imaging: Pearls and Pitfalls  
Jill E. Langer, MD
- 11:30 Pain-in-the-Brain: Case-Based Misses and Misinterpretations  
Suyash Mohan, MD
- 12:15 Questions and Answers
- 12:30 Adjourn

## TUESDAY, MARCH 18, 2025

- 6:30 Continental Breakfast
- 7:15 Tiny Dots and Spots: Approach to Micronodular Lung Disease  
Scott A. Simpson, DO, MEd
- 7:45 Ectopic Pregnancy - Usual and Unusual Suspects  
Jill E. Langer, MD
- 8:15 Your Brain on Drugs: Neuroimaging of Toxic Encephalopathies  
Suyash Mohan, MD
- 8:45 Pelvic Pain - Maximizing the 16 Shades of Gray  
Jill E. Langer, MD
- 9:15 Questions and Answers
- 9:30 Coffee Break
- 9:45 Pancreatic Cystic Lesions: Unveiling the Wolf in Sheep's  
Clothing  
Amr K. El Jack, MD, PhD
- 10:15 Holy Holes: Cystic Lung Diseases  
Scott A. Simpson, DO, MEd
- 10:45 Role of MRI in the Management of Rectal Cancer  
Amr K. El Jack, MD, PhD
- 11:15 Chest Pain: Missed Cases in Thoracic Radiology  
Scott A. Simpson, DO, MEd
- 12:00 Questions and Answers
- 12:15 Adjourn



# SCHEDULE

## WEDNESDAY, MARCH 19, 2025

- 6:30 Continental Breakfast
- 7:15 The Overlooked Organ: Approach to Characterization of Splenic Masses  
Amr K. El Jack, MD, PhD
- 7:45 WHEN the Stakes are High! WHAT Needs to go to the Surgeon and WHEN!  
Samantha P. Zuckerman, MD
- 8:15 Vexed by the Adnexa?: Role of MRI in the Characterization of Adnexal Masses  
Amr K. El Jack, MD, PhD
- 8:45 Consolidating Consolidation and Looking through the Ground Glass  
Scott A. Simpson, DO, MSEd
- 9:15 Questions and Answers
- 9:30 Coffee Break
- 9:45 Imaging the Post-Operative Breast: Expecting the Unexpected  
Samantha P. Zuckerman, MD
- 10:15 On the Spectrum: Adenocarcinomas  
Scott A. Simpson, DO, MSEd
- 10:45 Leiomyoma to Leiomyosarcoma Spectrum: Identifying the Land Mine  
Amr K. El Jack, MD, PhD
- 11:15 Alphabet Soup of ILD Cases: NSIP, UIP, HP, DIP - Oh My!  
Scott A. Simpson, DO, MSEd
- 12:00 Questions and Answers
- 12:15 Adjourn

## THURSDAY, MARCH 20, 2025

- 6:30 Continental Breakfast
- 7:15 Cancel That Biopsy! Don't Touch Lesions in Breast Imaging  
Samantha P. Zuckerman, MD
- 7:45 Spine Neoplasms – Tumor is the Rumor: Tissue is the Issue!  
John H. Woo, MD
- 8:15 MRI of the Shoulder: How I Approach It and Pitfalls to Avoid  
Viviane Khoury, MD, FRCPC
- 8:45 Breast Imaging Innovations for Special Populations – Pregnant and Lactating Women, Men, & Transgender Individuals  
Samantha P. Zuckerman, MD
- 9:15 Questions and Answers
- 9:30 Coffee Break
- 9:45 Your Brain on Fire: Imaging Neuroinflammation  
John H. Woo, MD
- 10:15 Artificial Intelligence Applications in Breast Imaging: Can it Perfect Mammography?  
Samantha P. Zuckerman, MD
- 10:45 MRI of Tendon Injuries of the Elbow: Honing Your Diagnosis  
Viviane Khoury, MD, FRCPC
- 11:15 Breast-at-its-Best: Learning and Growing from Opportunity Cases  
Samantha P. Zuckerman, MD
- 12:00 Questions and Answers
- 12:15 Adjourn

## FRIDAY, MARCH 21, 2025

- 6:30 Continental Breakfast
- 7:15 Perfusion Imaging in the Acute Setting: Pearls and Pitfalls  
John H. Woo, MD
- 7:45 MRI of Skeletal Muscle: Acute and Chronic Muscle Injuries  
Viviane Khoury, MD, FRCPC
- 8:15 Pain-in-the Neck: Cervical Spine Degenerative Disease  
John H. Woo, MD
- 8:45 Sonography of the Ankle and Foot: Pathology and Intervention  
Viviane Khoury, MD, FRCPC
- 9:15 Questions and Answers
- 9:30 Coffee Break
- 9:45 Post Operative Spine: Challenges and Pitfalls  
John H. Woo, MD
- 10:15 Wrist and Hand Anatomy: How to Perfect your Sonographic Technique  
Viviane Khoury, MD, FRCPC
- 10:45 Spine-So-Fine: Imaging Patients with Myelopathy  
John H. Woo, MD
- 11:15 Back Pain: Challenging Spine Cases and Lessons Learned!  
Viviane Khoury, MD, FRCPC
- 12:00 Questions and Answers
- 12:15 Program Adjourns



# ACCREDITATION STATEMENT



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

Penn Medicine designates this live activity for a maximum of **24 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## CREDIT BREAKDOWN

**Modality Hours for all Lectures EXCEPT Breast Talks:**

MRI: 11.5 | US: 6.5 | CT: 13.5 | XR: 7.75 | NM: 2.25

**Breast Imaging Modality Hours:**

DM: 3.25 | DBT: 3.25 | US: 3.25 | MRI: 3.25

## ABR MAINTENANCE OF CERTIFICATION: 24 AMA PRA Category 1 Credits™

These credits can be used toward ABR MOC Part 2 requirements.

### ► 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 are not a specific proprietary business interest of an ineligible company (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 (ie, 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](mailto:cme@rad.upenn.edu).

### ► MEETING MATERIALS

Access to a personalized virtual attendee portal is included with registration fees. Course materials, including an electronic syllabus, 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.

### ► OBTAINING YOUR CME CERTIFICATE

The online course evaluation goes live at the conclusion of the program. To receive an email with your CME certificate, you must submit a completed evaluation and claim your credits. Upon submission you will automatically receive an email from Penn Radiology CME. The email includes the link to download your certificate. The course evaluation must be submitted by no later than Friday, March 28, 2025, at 11:59 PM EST to earn CME for this activity.

## QUESTIONS?

Call: 215-662-6982 | Email: [cme@rad.upenn.edu](mailto:cme@rad.upenn.edu)

# ACCOMMODATIONS



## **WALT DISNEY WORLD® SWAN RESERVE**

**1255 Epcot Resorts Boulevard  
Lake Buena Vista, FL 32830**

**Hotel Direct: (407) 842.4900**

**CUT-OFF DATE: THURSDAY 2/13/2025  
CHECK IN: 4:00 PM | CHECK OUT: 11:00 AM**

**We ask that all attendees register for the course before booking accommodations. The hotel booking link will be included in your course registration email.**

Situated in the middle of the magic, the *Walt Disney World® Swan Reserve*, an Autograph Collection Hotel, provides a luxurious and tranquil oasis walking distance to *EPCOT®* and *Disney's Hollywood Studios®* and other attractions. This hotel has just 349 guest rooms and suites in the heart of the *Walt Disney World® Resort*.

## **HOTEL INFORMATION**

We have special group rates for Penn Radiology course registrants. Options include Run-of-House traditional rooms and one-bedroom Signature Suites. Please make hotel reservations in the name of the course attendee. **There is a limit of two rooms per paid course registration.**

## **ROOM BLOCK & DISCOUNTED RATES**

Run of House Traditional Room. . . . .	<b>\$379</b>
1-Bedroom Signature Suite. . . . .	<b>\$479</b>

Rooms are subject to applicable state and local taxes, currently 12.5%. The Resort fee is \$40/room per day, plus tax and applies to each guest room.

Bellman and housekeeping gratuities are NOT included and should be paid at the discretion of each attendee.

Children under 18 may stay free in their parent's room using existing bedding. The rates quoted are based on double occupancy. Each additional adult is \$25/night plus taxes.

## **HOTEL PARKING**

Self-Parking. . . . .	<b>\$34/day plus tax</b>
Valet Parking. . . . .	<b>\$44/day plus tax</b>

Parking rates are subject to change.

We ask that all attendees register for the conference before booking accommodations. Hotel booking information is included in the registration confirmation email.

# REGISTRATION

Visit [PennMedicine.org/RadiologyCME](https://PennMedicine.org/RadiologyCME) (Visa, Mastercard, Amex or Discover accepted.)

## ALL INCLUSIVE REGISTRATION

(By 12/13/2024, 11:59 PM) ..... \$1,325.00  
(After 12/14/2024, 12:01 AM) ..... \$1,425.00

### INCLUDES:

- Course Tuition
- Electronic Syllabus
- Daily Live-Stream and On-Demand Access
- Daily Breakfast and Break Refreshments
- Access to On-Demand recordings for 30 days following the course
- CME certificate emailed upon completion of the course evaluation

## IN-PERSON REGISTRATION

(By 12/13/2024, 11:59 PM) ..... \$1,195.00  
(After 12/14/2024, 12:01 AM) ..... \$1,295.00

### INCLUDES:

- Course Tuition
- Electronic Syllabus
- Daily Breakfast and Break Refreshments
- Access to On-Demand recordings for 30 days following the course
- CME certificate emailed upon completion of the course evaluation

## LIVE-STREAM REGISTRATION

Physicians ..... \$975.00

### FOR REMOTE ATTENDEES INCLUDES:

- Course Tuition
- Electronic Syllabus
- Daily Live-Stream and On-Demand Access
- Access to On-Demand recordings for 30 days following the course
- CME certificate emailed upon completion of the course evaluation

## ADDITIONAL DISCOUNTS

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

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

## COURSE CANCELLATION POLICY & TUITION REFUNDS

### IN-PERSON REGISTRATION:

A full refund for the course enrollment fee, less a \$100 administrative fee, will be made if received by 5:00 p.m. on Monday, February 17, 2025

### LIVE-STREAM REGISTRATION:

A full refund for the 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.

# PENN RADIOLOGY CME

## ▶ SEPTEMBER 26-29, 2024\*

### Neuroimaging in the Adirondacks: The Peaks and Valleys of CNS Imaging

Mirror Lake Inn Resort & Spa. Lake Placid, New York

## ▶ JANUARY 13-17, 2025\*

### Breast & Body Imaging at the Beach

Four Seasons Peninsula Papagayo, Costa Rica

## ▶ FEBRUARY 18-22, 2025

### Slopeside Insights: Navigating Abdominal and Thoracic Imaging

The Grand Hyatt Vail. Vail, Colorado

## ▶ MARCH 17-21, 2025\*

### Pearls, Pitfalls & Protocols: Spring Imaging Update

Walt Disney World Swan Reserve. Lake Buena Vista, Florida

## ▶ JUNE 29 - JULY 2, 2025

### 45th Annual Diagnostic Imaging

Saybrook Point Resort & Marina. Old Saybrook, Connecticut

## ▶ JANUARY 5-8, 2026

### Breast Imaging at the Beach

The Ritz-Carlton, Aruba

\* In-Person and Live Streaming Opportunities