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Center for Continuing and Outreach Education  
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# **TRAIN**

**TECHNIQUES IN RADIAL ACCESS FOR  
INTERVENTIONAL NON-CORONARY PROCEDURES**

CE Live, Accredited Activity

**Friday, April 25, 2025 8:30 am - 2:15 pm**



To register please visit:

<https://rutgers.cloud-cme.com/RU2025RadialAccess>



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**Friday, April 25, 2025**

**8:30 am - 2:15 pm**

**Location:**

**Rutgers New Jersey Medical School  
185 S. Orange Ave, Room B617  
Newark, NJ 07103**

**Provided by:**

**Rutgers Health  
Rutgers New Jersey Medical School  
Department of Radiology**



**RUTGERS HEALTH**

**New Jersey Medical School**

## Overview

Traditionally associated with coronary interventions, radial access is now gaining traction across a spectrum of non-coronary interventions. The radial approach, which involves accessing the arteries of the wrist or forearm, offers distinct advantages, such as reduced access-site complications, enhanced patient comfort, and the potential for same-day discharge. Emerging clinical research also encompasses innovative technologies and refined procedural techniques, advancing radial access towards the standard of care and first-line approach for many non-coronary interventions. These concepts signify a transformative era in interventional medicine.

To navigate this evolving landscape, practitioners must overcome unique challenges associated with implementing radial access procedures. One significant challenge lies in the learning curve associated with mastering radial access techniques for a diverse range of procedures. Providers transitioning from femoral to radial access must navigate unique anatomical considerations and procedural complexities. In addition, clinicians may face challenges in recognizing and managing complications, such as vascular injury or thrombosis. Lastly, physicians must develop strategies for patient selection, considering anatomical variations and comorbid conditions to ensure procedural success while minimizing the risk of complications.

While radial access holds great promise for non-coronary interventions, several challenges need to be addressed for its optimal implementation. This activity will provide practitioners with the latest procedural techniques, and the knowledge and skills necessary to overcome the challenges associated with adopting radial access across diverse non-coronary interventions, ultimately enhancing patient outcomes and advancing the practice of interventional medicine.

## Target Audience

This activity is designed for practitioners who employ image-guided minimally invasive diagnostic and therapeutic procedures in patients with peripheral vascular, visceral and neurovascular disease.

## Learning Objectives

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

- Define the current applications of radial access beyond coronary interventions, including peripheral vascular, visceral, and neurovascular procedures.
- Evaluate the advantages and disadvantages of radial access in various non-coronary interventions.
- Gain proficiency in standardized procedural techniques for non-coronary interventions using radial access.
- Implement best practices to optimize procedural success and minimize complications associated with radial access.
- Identify potential challenges and complications associated with radial access in non-coronary interventions.
- Develop strategies to mitigate and manage complications effectively, ensuring optimal patient safety and outcomes.
- Evaluate patient selection criteria and make evidence-based decisions regarding the appropriateness of radial access for specific non-coronary interventions.
- Review the current research and ongoing clinical trials related to radial access in non-coronary interventions.

## Accreditation



In support of improving patient care, Rutgers Biomedical and Health Sciences 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.

**Physicians:** Rutgers Biomedical and Health Sciences designates this live activity for a maximum of **4 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Advanced Practice Nurses, Nurses, Advanced Physician Associates:** AANP, ANCC and NCCPA accept certificates of participation for educational activities approved for **AMA PRA Category 1 Credits™** from organizations accredited by ACCME

## Method of Participation

In order to meet the learning objectives and receive continuing education credits, participants are expected to check in at the registration desk, attend the program and complete an online evaluation at the conclusion of the activity. A CE certificate will be emailed to participants upon completion of the online evaluation.

# Activity Directors



## **Pratik A. Shukla, MD**

Associate Professor, Co-Director of Quality Assurance,  
Director of Early Specialization in Interventional Radiology (ESIR) Pathway,  
Division of Interventional Radiology,  
Department of Radiology, Rutgers New Jersey Medical School, Newark, NJ



## **Abhishek Kumar, MD**

Associate Professor, Division Chief, Vascular and Interventional Radiology,  
Department of Radiology, Rutgers New Jersey Medical School, Newark, NJ

# Faculty

## **Priyank K. Khandelwal, MD**

Associate Professor of Neurology and Neurosurgery, Director Endovascular  
Neuroradiology Fellowship Training Program, Department of Neurosurgery,  
Rutgers New Jersey Medical School, Newark, NJ

## **Dan Shilo, MD**

Assistant Professor Diagnostic, Molecular and Interventional Radiology,  
Division of Vascular and Interventional Radiology, Icahn School of Medicine at Mount Sinai;  
Director, Mount Sinai West Interventional Radiology, New York, NY

## **Rami O. Tadros, MD, FACS, RPVI**

Professor, Departments of Surgery (Vascular Surgery) and Diagnostic,  
Molecular and Interventional Radiology, Icahn School of Medicine at  
Mount Sinai; Site Director, Endovascular Aortic Surgery, Mount Sinai Hospital, New York, NY

## **Lindsay B. Young, MD**

Assistant Professor of Radiology (Diagnostic and Vascular and Interventional  
Radiology), Columbia University Irving Medical Center, New York, NY

## **Ramzan M. Zakir, MD, RPVI, FACC, FSCAI**

Clinical Assistant Professor of Medicine, Rutgers Robert Wood Johnson  
Medical School; Director of High Risk PCI and Research, Robert Wood  
Johnson University Hospital, New Brunswick, NJ

## **Siddhi Patel, PA**

Interventional Radiology Physician Associate, Department of Radiology,  
Rutgers New Jersey Medical School, Newark, NJ

The relevant financial relationships of all individuals who affect the content of continuing education activities and any discussion of off-label/investigational uses will be disclosed to the audience at the time of the activity.

# Agenda

- 8:30 am *Registration/Continental Breakfast/Exhibits*
- 9:00 am **Welcome and Introductions** ..... Pratik A. Shukla, MD
- SESSION 1** Moderators: Abhishek Kumar, MD and Pratik A. Shukla, MD
- 9:20 am **Radial Artery Access – Basics** ..... Dan Shilo, MD
- 9:40 am **Outpatient Visceral Interventions** ..... Abhishek Kumar, MD
- Liver, Fibroid, Aneurysm Embolization, Renal Artery Stenosis, Bone Embolization
- 10:00 am **Neuro Interventions** ..... Priyank K. Khandelwal, MD
- Stroke, Coiling, Stenting, Other (MMA, External Iliac)
- 10:20 am *Refreshment Break/Exhibits*
- SESSION 2** Moderators: Pratik A. Shukla, MD and Abhishek Kumar, MD
- 10:40 am **Emergent Visceral Interventions** ..... Pratik A. Shukla, MD
- Trauma, GI Bleed, Bronchial Artery Embolization, Cocktail Concerns, Spasm Concerns
- 11:00 am **Radial to Pedal Access** ..... Rami O. Tadros, MD
- Iliac, Superficial Femoral/Popliteal, Below the Knee, Rendezvous
- 11:20 am **Problem Solving** ..... Lindsay B. Young, MD
- Radial Loop, Getting Down the Arch, Length of Catheters and Wires, Support, Sheath Entrapment
- 11:40 am **Transradial Peripheral Interventions in Outpatient Lab** ..... Ramzan M. Zakir, MD
- 12:00 pm **Panel Discussion: Interesting Cases**
- 12:20 pm *Lunch/Exhibits*
- SESSION 3** Moderators: Abhishek Kumar, MD and Pratik A. Shukla, MD
- 1:00 pm **Perspectives from the Healthcare Team**
- Extenders - Siddhi Patel, PA
  - Trainees - Residents
  - Nurse - Post Procedure Management
  - Technologist - Room Ergonomics
  - Administrator - Room Time, Recovery Room Time
- 2:00 pm **Panel Discussion: Questions and Answers**
- 2:15 pm Concluding Remarks and Adjournment ..... Abhishek Kumar, MD

# General Information

| Registration Fees  |               |
|--|---------------|
| Physician  | \$99          |
| Healthcare Professional  | \$79          |
| Rutgers Health/RWJBarnabas Health/<br>University Hospital (Newark) Faculty/Staff | \$69          |
| Resident/Fellow/Healthcare Student*  | Complimentary |

\*Registration must be accompanied by program director's letter confirming resident/fellow/student status. Please upload your letter when registering or email to [ccoe@rbhs.rutgers.edu](mailto:ccoe@rbhs.rutgers.edu).

The registration fee includes continental breakfast, lunch, refreshments, continuing education credits and course material. Registration can only be accepted through our secure online website through April 22, 2025. Registration will not be confirmed until payment is received. If payment is not received in time for the activity, Rutgers reserves the right to cancel the registration.

**Pre-registration is recommended. On-site registration will be accommodated on a space available basis.**

**To Register: <https://rutgers.cloud-cme.com/RU2025RadialAccess>**

## Course Material

In an effort to provide the most complete materials to attendees and conserve resources, PDF versions of the lecture slides will be made available online to registered attendees. Additional information will be provided in future confirmation communications.

## Confirmation

Once registered, you will receive an email confirmation. As the activity date approaches, you will receive additional information to assist you with your plans to participate in this activity.

## Location

Rutgers New Jersey Medical School

185 S. Orange Ave, Room B617, Newark, NJ 07103

Complimentary parking is available at a reduced rate at Rutgers New Jersey Medical School.

Participants will receive additional information in their confirmation materials.

## Cancellation Fee/Refund

A full refund, less a \$25 cancellation fee, will be granted if notice is received no later than April 24, 2025.

Refunds will not be issued for any cancellations received after April 24, 2025 and cannot be given for no shows.

To cancel, please contact Rutgers Center for Continuing and Outreach Education by email at

[ccoe@rbhs.rutgers.edu](mailto:ccoe@rbhs.rutgers.edu).

## For Additional Information

For additional information, questions, concerns, or if you require special arrangements to attend this activity,

please contact Rutgers Center for Continuing and Outreach Education by email at

[ccoe@rbhs.rutgers.edu](mailto:ccoe@rbhs.rutgers.edu).

Rutgers reserves the right to modify program content, faculty and program activities and reserves the right to cancel the activity, if necessary. If the activity is cancelled, liability is limited to the registration fee.