



200 Lothrop St.
Pittsburgh, PA 15213

Mark Your Calendar: Spring 2020

6TH ANNUAL
ADVANCED TRANSRADIAL
AND COMPLEX CARDIAC
INTERVENTIONS SYMPOSIUM

UPMC Heart and Vascular Institute

5TH ANNUAL
ADVANCED TRANSRADIAL
AND COMPLEX CARDIAC
INTERVENTIONS SYMPOSIUM

SATURDAY,
MARCH 30, 2019

Pittsburgh Marriott City Center
Pittsburgh, Pennsylvania

Course Directors

Dustin Kliner, MD, FACC
Clinical Assistant Professor
UPMC Heart and Vascular Institute at
UPMC Shadyside

John Schindler, MD, FACC, FSCAI
Assistant Professor of Medicine
University of Pittsburgh School of Medicine
Co-Director, UPMC Center for
Aortic Valve Disease
UPMC Presbyterian-Shadyside Hospitals

**Krishna Tummalapalli, MD,
FACC, FSCAI**
Clinical Assistant Professor
Director, Interventional Cardiology
Proctor, Transradial Training
UPMC Heart and Vascular Institute at
UPMC Shadyside

Invited Faculty

N. A. Mark Estes III, MD, FACC, FHRS
University of Pittsburgh

Sunil V. Rao, MD, FACC, FSCAI
Duke University Medical Center

Mladen I. Vidovich, MD, FACC, FSCAI
Jesse Brown VA Medical Center

Sponsored by the

UPMC Heart and Vascular Institute and the
University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences



COURSE FACULTY

N.A. Mark Estes III, MD, FAHA, FACC, FHRS, FESC

Professor of Medicine
University of Pittsburgh
School of Medicine
Cardiac Electrophysiologist
UPMC Heart and Vascular Institute
Pittsburgh, Pennsylvania

Dr. N.A. Mark Estes is a Professor of Medicine at the University of Pittsburgh School of Medicine and electrophysiologist with the UPMC Heart and Vascular Institute in Pittsburgh. His research interests are prediction and prevention of sudden death and atrial fibrillation. His clinical interests are evaluation and management of atrial fibrillation, supraventricular and ventricular arrhythmias, pacemakers, implantable cardioverter defibrillators, and evaluation and management of syncope. He is past president of the Heart Rhythm Society and past chairman of the American Heart Association Scientific Publishing Committee.

Dustin Kliner, MD, FACC

Clinical Assistant Professor
of Medicine
UPMC Heart and Vascular Institute
at UPMC Shadyside
Pittsburgh, Pennsylvania

Dr. Dustin Kliner is a Clinical Assistant Professor of Medicine at UPMC who splits time between the Transcatheter Valve Program and the Heart and Vascular Institute, Shadyside office. He has been a strong advocate for transradial catheterization and PCI given his elderly patient population, and has performed a large majority of his cases in this manner since starting practice in 2015.

Sunil Rao, MD, FACC, FSCAI

Professor of Medicine at Duke
University Health System
Section Chief of Cardiology at the
Durham VA Medical Center
Durham, North Carolina

Dr. Sunil Rao is a Professor of Medicine at Duke University Medical Center and Section Chief of Cardiology at the Durham VA Medical Center. Dr. Rao serves as the Editor-in-Chief for Circulation Cardiovascular Interventions, the interventional journal of the American Heart Association's flagship Circulation family of Journals. His main research interests are pharmacological and interventional therapies for acute coronary syndrome, as well as bleeding and blood transfusion complications among patients with ischemic heart disease. Dr. Rao has been the Principal Investigator of several randomized clinical trials including the first registry-based randomized trial performed in the United States titled the "SAFE-PCI for Women" trial comparing radial and femoral approaches to PCI in women. Dr. Rao has published over 200 peer-reviewed papers and is the co-Editor-in-Chief of the seminal textbook on transradial procedures titled "Best Practices for Transradial Approach in Diagnostic Angiography and Intervention."

All individuals in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

John Schindler, MD, FACC, FSCAI

Assistant Professor of Medicine
University of Pittsburgh
School of Medicine
Co-Director, Center for Aortic
Valve Disease
UPMC Presbyterian-Shadyside
Hospitals
Pittsburgh, Pennsylvania

In addition to being a strong advocate for transradial catheterizations/PCI's, Dr. John Schindler is the co-director of the Center for Aortic Valve Disease. The UPMC program has played an integral part in the execution of the majority of clinical trials which have paved the way for transcatheter therapies to be applied to a wider range of patients. In early 2018, UPMC has reached the milestone of greater than 1,000 patients being treated with a transcatheter aortic valve replacement.

Krishna Tummalapalli, MD, FACC, FSCAI

Clinical Assistant Professor
Director, Interventional Cardiology
Proctor, Transradial Training
UPMC Heart and Vascular Institute
at UPMC Shadyside
Pittsburgh, Pennsylvania

Dr. Krishna Tummalapalli is board-certified in interventional cardiology and has more than 30 years of experience. He has been a strong proponent of transradial PCI for many years and conducts a hands-on transradial training course at UPMC Shadyside for cardiologists. He performs the vast majority of his procedures transradially, including STEMI interventions.

Mladen I. Vidovich, MD, FACC, FSCAI

Chief, Section of Cardiology,
Jesse Brown VA Medical Center
Professor of Medicine, University
of Illinois
Chair, Federal Section, American
College of Cardiology
Chicago, Illinois

Dr. Mladen Vidovich is an associate professor of Medicine at the University of Illinois at Chicago. He is chief of Cardiology at the Jesse Brown VA Medical Center in Chicago. Dr. Vidovich is an interventional cardiology with main interests in radial coronary angiography and intervention, intracoronary imaging (OCT, IVUS, NIRS) and quality improvement. He is the Governor of the American College of Cardiology for the Department of Veterans Affairs. Dr. Vidovich is a member of the standing Cardiovascular Committee at the National Quality forum (NQF). He has published numerous manuscripts and two books on Radial Angiography and Catheterizations. He has designed a dedicated radial ventriculography catheter that is currently in clinical use.

New for 2019: Audience Participation in Case Presentations

Participants are invited to present cases during the symposium. If you would like to submit cases for consideration, proceed as follows:

1. Cases should be submitted to lubinskyk@upmc.edu.
2. Deadline for submission of cases is February 28, 2019.
3. Each participant can submit up to 2 cases.
4. Cases must be submitted in a PowerPoint format. Still images of angiograms are permitted, but not videos.
5. Maximum slides allowed are 10 per case.
6. Presentation should contain history, clinical data, angiographic findings, interventional challenges, final result, and teaching points.
7. Submitter of selected cases will be notified by March 8, 2019. Selected participants are required to complete a conflict of interest form which will be included in the notification email.

OVERVIEW

This course will cover procedural and technical advancements in transradial approach for diagnostic and interventional catheterizations and case presentations. In addition, the course will include lectures on atrial fibrillation ablation and left atrial appendage occluding devices.

Objectives

- More widespread adoption of transradial access which can result in lower vascular complication rate, improved patient satisfaction, and organization cost savings.
- Improved knowledge of atrial fibrillation ablation and left atrial appendage occluding devices including clinical indications.

Who Should Attend

This course is designed for interventionists, cardiologists, cardiac surgeons, fellows, advanced practice providers, nurses, catheterization lab technologists, electrophysiologists, and other interested health care professionals.

Continuing Education Credit

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of **5.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded **0.5** continuing education units (CEU's) which equals **5.7** contact hours.

Visit the UPMC Heart and Vascular Institute Website

The UPMC Heart and Vascular Institute invites you to visit our website at UPMC.com/HVI. Learn more about us and the conditions we treat, treatment options, specialty programs, services, research and education, our experts, patient stories, and locations.

The University of Pittsburgh is an affirmative action, equal opportunity institution.

AGENDA

Saturday, March 30, 2019

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| 7:00 am | Registration and Breakfast |
| 7:50 am | Welcome/Introduction Krishna Tummalapalli, MD, FACC, FSCAI |
| 8:00 am | Atrial Fibrillation Ablation N.A. Mark Estes III, MD, FACC, FHRS |
| 8:30 am | Left Atrial Appendage Occluder Usage, Current Indications and Future Direction N.A. Mark Estes III, MD, FACC, FHRS |
| 9:00 am | Questions <i>Moderator:</i> Krishna Tummalapalli, MD, FACC, FSCAI |
| 9:15 am | Will "Snuff Box" Access Really Take Off? Krishna Tummalapalli, MD, FACC, FSCAI |
| 9:30 am | Interesting Cases <i>Moderator:</i> Krishna Tummalapalli, MD, FACC, FSCAI |
| 10:00 am | Break/Exhibits |
| 10:15 am | Effect of Radial Approach on Hand Function Mladen Vidovich, MD, FACC, FSCAI |
| 10:40 am | When the Radial Approach Is Not Possible: Is Translunar PCI the Next Best Option? John Schindler, MD, FACC, FSCAI |
| 11:00 am | Adjunct Pharmacotherapy in Radial Artery Access Dustin Kliner, MD, FACC |
| 11:15 am | Special Panel Discussion: Is Social Media a Viable Option for Dissemination of Radial Approach? Sunil Rao, MD, FACC, FSCAI |
| 11:35 am | Interesting Cases <i>Moderator:</i> John Schindler, MD, FACC, FSCAI |
| Noon | Lunch/Exhibits |
| 12:30 pm | Complex Interventions via Radial Approach Mladen Vidovich, MD, FACC, FSCAI |
| 1:00 pm | 25 Years of Radial PCI — Lessons Learned and Future Direction Sunil Rao, MD, FACC, FSCAI |
| 1:30 pm | Interesting Cases by Participating Radialists <i>Moderator:</i> Dustin Kliner, MD, FACC |
| 2:30 pm | Conference Adjournment |

REGISTRATION INFORMATION

Pre-Register

All pre-registrations are due by March 15, 2019.
There will be no onsite registration for this event.

Registering Online

Registering online is the quickest and easiest way to reserve your space at CCEHS conferences.

- Visit our online registration at <https://ccehs.upmc.com/home.jsf>
- Click on Upcoming Events
- Scroll to **March 30th — 5th Annual Advanced Transradial and Complex Cardiac Interventions Symposium**
- Click the Registration button and enter all requested information
- After registering, an electronic confirmation will be sent to the email address you provided us when you registered

Paper Registration by Fax or Mail

If you are unable to register online and require the use of a paper registration form, see our contact information below. A confirmation letter will be faxed, mailed, or emailed if registration is completed through the mail, fax, or email by the registration deadline. If you register online, you will receive an immediate email confirmation message. Please note: Registration is not complete until you receive this confirmation. If you do not receive this letter within 5-7 days of registration, please contact us at **412-647-6816**.

You must bring this confirmation with you to the conference.

Cancellation

Cancellations must be in writing, via U.S. mail or fax. Tuition for cancellations postmarked or date stamped before **March 10, 2019** will be completely refunded. No refunds will be issued after **March 15, 2019**. Cancellation requests can be made to:

Brenda Smith

UPMC Heart and Vascular Institute
 200 Lothrop Street
 3rd Floor South Tower, WE353.2
 Pittsburgh, PA 15213

Telephone: **412-647-6816**
 Fax: **412-647-7979**
 Email: smithb2@upmc.edu

Registration Fees

Non-UPMC Physician: \$50.00
 Non-UPMC PA/CRNP, Technologist, RN, Resident/Fellow,
 Cardiovascular Administrator: \$25.00
 UPMC providers, PA/CRNP, Technologist, RN, Resident/Fellow,
 Cardiovascular Administrator: Free

Registration fee includes:

- Continuing education credit
- Registration and course material
- Continental breakfast, refreshments, and lunch

For additional information contact:

Brenda Smith

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 200 Lothrop Street
 3rd Floor South Tower, WE353.2
 Pittsburgh, PA 15213

Telephone: **412-647-6816**
 Fax: **412-647-7979**
 Email: smithb2@upmc.edu

Meeting Location / Parking / Hotel

Meeting Location — Pittsburgh Marriott City Center

112 Washington Place
 Pittsburgh, PA 15219 • Phone: **412-471-4000**

Parking — Participants will receive free parking validation for the Chatham Center Garage

Special Needs

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling **412-647-6816**.

For registration, visit: <https://ccehs.upmc.com>