Interventional Cardiology’s Premier Event

SCAI 2018
Scientific Sessions

WEDNESDAY, APRIL 25–SATURDAY, APRIL 28
MANCHESTER GRAND HYATT
SAN DIEGO, CALIFORNIA

The Society for Cardiovascular Angiography and Interventions

Final Program
www.SCAI.org/SCAI2018
as of March 29, 2018
RADIAL EDUCATION STARTS WITH TERUMO

Partner with the leaders in radial access.

Support your practice and patient care with TERUMO LEARNING EDGE collaborative programs for complex procedures.

- Hands-on training
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- Advanced instruction in simulated clinical settings

We empower you to do more. Do radial.

LEARN HOW ORBITAL ATERRECTOMY HELPS TREAT COMPLEX CORONARY PATIENTS

Wednesday, April 25
11:15 a.m. – 12:15 p.m. | LUNCH SYMPOSIUM

Room: Harbor G – 2nd Floor

PROGRAM:

- Impact of Severe Coronary Calcification
- Impact of imaging and vessel prep on stent expansion
- Insights on Clinical Data for patients with calcified lesions
- Case Review: Complex PCI with OAS

DIAMONBACK 360® CORONARY OAS NOW INCLUDES GLIDEASSIST

GlideAssist enables the crown to spin at a slow speed, reducing friction in the system to:

- Facilitate tracking of the device
- Provide easier removal of the device
- Allow smoother repositioning of the ViperWire Advance® during procedures

Based on bench model testing.

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Indication: The Diamondback 360® Orbital Coronal Atherectomy System (OAS) is a percutaneous orbital atherectomy system indicated to facilitate stent delivery in patients with coronary artery disease (CAD) who are acceptable candidates for PTCA or stenting due to de novo, severely calcified coronary artery lesions. Contraindications: The OAS is contraindicated when the ViperWire Advance® Coronary guide wire cannot pass across the coronary lesion or the target lesion is within a bypass graft or stent. The OAS is contraindicated when the patient is not an appropriate candidate for bypass surgery, angioplasty, or atherectomy therapy, or has angiographic evidence of thrombus, or has only one open vessel, or has angiographic evidence of significant dissection at the treatment site and for women who are pregnant or children. Warnings/Precautions: Performing treatment in excessively tortuous vessels or bifurcations may result in vessel damage; On-site surgical back-up should be included as a clinical consideration; Use in patients with an ejection fraction (EF) of less than 25% has not been evaluated.

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The SCAI 2018 Scientific Sessions App will put the whole event right at your fingertips, including:

- Program tracks and agendas
- Maps to find your way
- Real-time conference notifications
- Ability to share your contact information for networking
- Ability to create your personalized conference agenda
- Mobile password: scai2018

DON’T GET LOST IN THE CROWD

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PUSHING BOUNDARIES

Terumo Interventional Systems is committed to your success with innovative procedural solutions and ongoing support for your most challenging cases. We are relentlessly seeking new ways to help you apply effective solutions and achieve better outcomes for more patients.
SCAI 2018
Scientific Sessions

The premier conference for interventional and invasive cardiology

On behalf of the Society for Cardiovascular Angiography and Interventions, I am pleased to welcome you to SCAI 2018 Scientific Sessions in my hometown of San Diego, California. This year, Scientific Sessions has expanded its reach to include more first-time presenters, more scientific research, more live cases, and more international presentations than ever before! With 4,200 members across over 75 countries, SCAI brings together the global interventional and invasive cardiology community with one goal in mind: To Save and Enhance Lives.

Join us Tuesday evening for a pre-conference event, SCAI Global Case-Based Summit: Complex Interventions Without Borders, celebrating interventional and invasive cardiology’s top leaders from around the world.

To personalize your conference experience, we suggest you access the SCAI 2018 App on your smartphone or tablet. Look for the “Featured Sessions” throughout the week, starting with the Welcome Ceremony (Wednesday at 12:30 p.m.), including the Presidential Address by Kirk N. Garratt, MD, MSc, FSCAI, 2017–2018. The Wildliner Lecture immediately follows, featuring a presentation by Anthony DeMaria, MD. On Thursday morning, Roxana Mehran, MD, MSCI, will present the Founders’ Lecture on the evidence-based science behind interventional cardiology.

Whether you are new to SCAI, or a long-time member, you’ll want to join us in the Exhibit Hall for the Presidents’ Welcome Reception (Wednesday, 6:00–7:30 p.m.). Exhibit Hall excitement continues throughout the week with Innovation Presentations (Wednesday, 4:00–4:30 p.m.), the Innovations and Technology Parade (Thursday, 10:30–11:00 a.m., 3:00–3:30 p.m., 5:00–5:30 p.m. at the Innovations Theater), Best Cases From Around the World (Thursday, 3:30 p.m.), and Cases Over Cocktails (Thursday, 5:30 p.m.). Visit the SCAI booth, review the Best of the Best Abstracts, or have your portrait taken by a professional photographer.

We have your portrait taken by a professional photographer.

We have your portrait taken by a professional photographer.

You can add to your conference experience by attending one or more of the many Satellite Symposia hosted throughout SCAI 2018. Look to the SCAI 2018 App or the Satellite Sessions booklet for more about these timely and topical programs—held over breakfast, lunch, and dinner—on emerging technologies and new techniques.

Scientific Sessions peaks on Friday at 4:30 p.m. with a Presidential Address from incoming SCAI President, David A. Cox, MD, MSCI; our Member and FSCAI Induction Ceremony, MSCI Ceremonies; and a Keynote Address from Roberto Canessa, MD, author of “I Had to Survive: How a Plane Crash in the Andes Inspired My Calling” and a Keynote Address from Emmanouil S. Brilakis, MD, PhD, FSCAI.

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Keynote Speaker: Dr. Roberto Canessa

Roberto Canessa, MD, is one of the 16 survivors of the Uruguayan Air Force Flight that crashed into the Andes Mountain on October 13, 1972. A second-year medical student at the time, it was Dr. Canessa who suggested the survivors resort to cannibalism to survive.

In his recent book, “I Had to Survive: How a Plane Crash in the Andes Inspired MyCalling to Save Lives” (March 2016), he shares how he overcame adversity and dedicated his career to saving the lives of infants born with congenital heart defects.

Dr. Canessa graduated from the Universidad de la Republica Oriental del Uruguay with a degree in cardiology and pediatric cardiology. He was awarded the Premio Nacional in Medicine in 1986 and the Gran Premio in Medicine in 1991 and 1999.

Dr. Canessa currently practices as a pediatric cardiologist at the Hospital Italiano in Uruguay where he serves as the director of the Department of Cardiac Ultrasound and the Department of Prenatal Diagnosis of Congenital Heart Disease.

Book Signing
Friday, April 27, at the Annual Celebration

GLOBAL CASE-BASED LEADERSHIP SUMMIT: COMPLEX INTERVENTIONS WITHOUT BORDERS

TUESDAY, APRIL 24 | 6:30–8:30 p.m. Dinner will be served.
(see page 28 for a detailed schedule)

Join us Tuesday evening as we get off to a pre-conference start celebrating interventional cardiology’s diversity during a special case-based exchange among SCAI leaders from across the globe.

Cases will include:
• Complex Coronary Intervention: High-Risk PCI
• Complex Coronary Intervention: CTO
• My Worst Complication

Sponsored by SCAI
Supported through an educational grant from Platinum Supporter Boston Scientific’s EDUCARE Initiative

Featured Speakers

HILDNER LECTURE: A Pivotal Time for Interventional Cardiology

Anthony DeMaria, MD
Judith and Jack White Chair in Cardiology and Founding Director of the Sulpizio Cardiovascular Center at University of California San Diego; Editor-in-Chief of Structural Heart: The Journal of the Heart Team; Immediate Past Editor of the Journal of the American College of Cardiology

Since its inception by Andreas Grummtiz, interventional cardiology has been a wonder of innovation and conveyed enormous benefits to patients with coronary and structural heart disease. However, several recent trials have raised questions regarding the prognostic and even symptomatic benefit of coronary interventions in patients with stable angina. As technological advances continue to be pursued, it will be essential to take stock of pathophysiology and to conduct rigorous studies to define those individuals with stable angina most likely to benefit from an intervention. Simultaneously, therapies for structural lesions are expanding dramatically, including approaches to address mitral and tricuspid valve disorders. Interventional approaches to structural heart disorders will grow exponentially in the future. Dr. Anthony DeMaria will discuss how new research developments and structural innovations will change the face of interventional cardiology forever more.

MULLINS LECTURE: Celebrating Women Who Paved the Way to Pediatric Cardiology Today

Jacqueline Kreutzer, MD, FSCAI
Division Chief, Pediatric Cardiology and Professor, Department of Pediatrics, University of Pittsburgh School of Medicine; Co-Director, Heart Institute and Director, Cardiac Catheterization Laboratory, Children’s Hospital of Pittsburgh of the University of Pittsburgh Medical Center

The field of pediatric cardiology has evolved with tremendous contributions by female physicians who played an integral role in the evolution of the specialty. Dr. Jacqueline Kreutzer will review and highlight the pivotal roles played by female physicians and the innovations and contributions they have made to the field of pediatric cardiology—enriching patient care, saving countless lives, and impacting the way we practice medicine today.

FOUNDERS’ LECTURE: Evidence-Based Science Behind Interventional Cardiology: A 40-Year Journey

Roxana Mehran, MD, MSCAI
Professor of Medicine (Cardiology), Professor of Population Health Science and Policy, and Director of Interventional Cardiovascular Research and Clinical Trials, The Zena and Michael A. Weiner Cardiovascular Institute, The Icahn School of Medicine at Mount Sinai, New York

Interventional cardiology, as a medical specialty, has faced intense scrutiny from its origin that continues through present day. From early studies in angioplasty and balloons to more recent trials involving 20,000 patients at a time, practitioners face extensive professional and public scrutiny and a demand for ever-increasing precision in how they treat their patients. Approval processes for devices and medications follow clinical trials, but it is the practitioners’ post-market surveillance that defines their clinical practices and treatment strategies. Dr. Roxana Mehran will take us on a 40-year journey of medical scrutiny with a unique presentation that promises a few twists and turns—and even some surprises.
### Innovations in Cardiovascular Interventions and Technology Summit

**Wednesday, April 25, 1:30–6:00 p.m., Room: Harbor A**

Join us for a new joint program with Innovations in Cardiovascular Interventions (ICI Israel) focusing on rapidly evolving medical advances, new technologies, and approaches to device innovation and patent applications.

You’ll learn from the innovators in our specialty who will discuss:

- **New frontiers in biomedical innovation**
- **Models for joining forces between clinical, academic, and industrial communities**
- **How to take an idea from bench to market**
- **Digital health innovation**
- **The FDA approach to new technology**
- **The pathology perspective of new devices**
- **The new era in robotic PCI**
- **The evolving role for academic centers in healthcare innovation**
- **Leveraging machine-learning techniques to forecast patient prognosis after PCI**

A **must-attend event** for those who want to stay on top of their specialty!

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### Featuring

**SESSION**

**Join us for a new joint program with Innovations in Cardiovascular Interventions (ICI Israel)**

- **How to take an idea from bench**
- **Models for joining forces**
- **New frontiers in biomedical innovation**
- **Leveraging machine-learning techniques to forecast patient prognosis after PCI**
- **The evolving role for academic centers in healthcare innovation**
- **Digital health innovation**
- **The FDA approach to new technology**
- **The pathology perspective of new devices**
- **The new era in robotic PCI**

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### The Resolute Onyx™ 2.0 mm DES Sizes

**Now FDA Approved.**

<table>
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<tr>
<th>Engineered to expand from 2.0 mm to 3.25 mm</th>
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**References**

- Bench test data on file at Medtronic. May not be indicative of clinical performance. Testing performed on smallest diameters available for Abbott Xience Alpine, Boston Scientific Synergy, Medtronic Resolute, and Abbott Xience Plus. Medtronic at the toll-free numbers or websites listed.
- Polymeric drug-eluting coronary stents contain a biodegradable polymer coating that is designed to slowly degrade over a period of months to years. The mechanical strength of the stent is provided by a thin metallic coating, usually cobalt-chromium, which is flexible enough for insertion through a catheter but rigid enough to maintain its shape and structural integrity.
- Subsequent stent restenosis or occlusion may require repeat catheter-based treatments (including balloon dilatation) of the arterial segment.
- The risks and benefits of the stent implantation should be assessed for patients with a history of severe reaction to contrast agents.
- The safety and effectiveness of the Resolute Onyx™ stent have not yet been established in the following patient populations in Patients with target lesion located in the descending thoracic aorta, patients with severe peripheral arterial disease, or patients with aortic coarctation.
- Patients with vessel thrombus at the lesion site
- Patients with lesions located in a mature saphenous vein graft, in the left main coronary artery, ostial lesions, or bifurcation lesions
- Patients with target lesions that are not amenable to treatment by conventional percutaneous techniques (e.g., stenting) due to the presence of side branches or coronary venous anatomy that cannot be safely crossed by a guidewire.
- Patients with a known hypersensitivity to the cobalt-nickel-chromium-molybdenum alloy or platinum-iridium alloy
- The safety and effectiveness of the Resolute Onyx™ stent have not been established in patients with aortic coarctation.

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**SMALLEST DES. BIG POSSIBILITIES.**

The Resolute Onyx™ 2.0 mm DES Sizes.

- The lowest crossing profile for superior deliverability
-Engineered to expand from 2.0 mm to 3.25 mm
-Proven clinical performance in small vessels

**Visit the Medtronic booth to learn more.**

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CME AND MOC INFORMATION

Educational Objectives
CME and Participation Certificates will be provided to registered attendees based on completion of the evaluation. Contact CME@scai.org with questions.

At the conclusion of the SCAI 2018 Scientific Sessions, participants will be able to:

• Assess the most recent scientific advances, clinical evidence, techniques, challenges, and opportunities within the field of interventional cardiovascular medicine and congenital heart disease

• Use the appropriate diagnostic studies and clinical guidelines for the evaluation of acute coronary syndromes and stable ischemic heart disease, and to apply new pharmacologic and interventional approaches to manage patients

• Appropriately select newly developed devices, techniques, and therapies for the treatment of cardiovascular disease to improve early and late clinical outcomes after coronary/peripheral/structural heart disease interventions

• Implement quality-based practices, including appropriate use criteria, clinical guidelines, consistent documentation, and assignment of quality metrics for interventional procedures

• Collaborate with administration and cath lab team members to optimize operations, better understand the new Medicare Quality Payment Program, and meet the requirements of Advanced Alternative Payment Models (APMs) or Merit-Based Incentive Payment Systems (MIPS)

• Recognize and avoid the occupational hazards associated with the practice of interventional medicine and understand strategies to address radiation reduction and orthopedic risk

SCAI’s Independent Content
As a provider of continuing medical education through the Accreditation Council for Continuing Medical Education (ACCME), it is the Society’s policy to ensure balance, independence, objectivity, and scientific rigor in all of its activities. All participating faculty, course directors, planning committee members and staff are required to disclose to SCAI any relevant financial relationships. Disclosure information was reviewed in advance of faculty assignments to manage and resolve all conflicts of interest.

Commercial Support
The SCAI Program Committee planned the SCAI 2018 Scientific Sessions prior to and independent of the solicitation of commercial support. This activity is funded in part by educational grants from various commercial entities. SCAI will provide a complete list of commercial supporters and contributors at the meeting.

Disclosures
For complete CME accreditation information, faculty and planner disclosures, and disclosure of financial support, please refer to the SCAI 2018 App.

Accreditation/CME Credit
The Society for Cardiovascular Angiography and Interventions (SCAI) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

• Physicians: SCAI designates this live activity for a maximum of 26.5 AMA PRA Category 1 Credit(s). Physicians should claim only the credit(s) commensurate with the extent of their participation in the activity.

• CME for MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 26.5 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. SCAI will submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

• International Physicians: The American Medical Association (AMA) has determined that physicians not licensed in the U.S. who participate in this CME activity are eligible for AMA PRA Category 1 Credit(s).14

• Doctors of Osteopathy: The American Osteopathic Association (AOA) awards Category 2-A Credit(s) for formal educational programs that are ACCME-accredited.

• Physician Assistants: The American Academy of Physician Assistants (AAPA) accepts AMA PRA Category 1 Credit(s).14 SCAI is an accredited provider through the ACCME.

• Nurses: Nurses may receive either a CME Certificate or a Participation Certificate upon completion of the evaluation.

• Technologists: Technologists will receive a Participation Certificate upon completion of the evaluation.

LOCATION AND HOURS
Registration Hours (Grand Hall Lobby, Level 1):
Tuesday, April 24  7:00 a.m.–6:30 p.m.
Wednesday, April 25  7:00 a.m.–6:30 p.m.
Thursday, April 26  7:00 a.m.–6:30 p.m.
Exhibit Hall (Grand Hall, Level 1):
Wednesday, April 25  1:00–7:30 p.m.
10:00 a.m.–1:30 p.m.
Thursday, April 26  10:00 a.m.–6:30 p.m.
Cardiovascular Professional Lounge (Balboa AB, Level 2):
Wednesday, April 25–Friday, April 27  7:00 a.m.–5:00 p.m.
Annual Celebration and Book Signing will be on Pool Deck, Level 4.
Manchester Grand Hyatt San Diego
SCAI CORPORATE COMMUNITY

SCAI thanks the following organizations for their generous educational grant support of the 2018 SCAI Corporate Community members:

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- Merit Medical
- Philips
- St. Jude Medical (now Abbott)
- Terumo Interventional Systems

See Important Safety Information on Page XX.

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Learn more about XIENCE at xienceproof.com/us

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The XIENCE V® is intended for use in conjunction with XIENCE Family stents in adult patients with symptomatic heart disease due to de novo native coronary artery lesions for XIENCE Family stents should be handled, placed, implanted, and removed according to the Instructions for Use.

The XIENCE V®, XIENCE nano®, XIENCE PRIME®, XIENCE PRIME®, and MULTI-LINK VISION® Delivery Systems are indicated for treating de novo chronic total coronary occlusions.

The XIENCE Family of stents is contraindicated for use in patients:
- With lesions that prevent complete angioplasty balloon inflation or proper placement of the stent or stent delivery system.
- Who are pregnant or lactating.
- With lesions that prevent complete angioplasty balloon inflation or proper placement of the stent or stent delivery system.
- Who are allergic to nickel, tungsten, acrylic and fluoropolymers; and drug reactions to antiplatelet drugs or other immunosuppressive agents.
- With lesions that prevent complete angioplasty balloon inflation or proper placement of the stent or stent delivery system.
- For whom there is an increased risk of adverse events, including stent thrombosis, stent embolism, MI, or death.

The XIENCE Family of stents should be handled, placed, implanted, and removed according to the Instructions for Use.

INSTRUCTIONS
- After inflation, the stent is designed to conform to the arterial lumen. The stent is not intended to be deployed, deployment, and balloon withdrawal. Before withdrawing the stent delivery system, visually confirm complete balloon deflation by fluoroscopy to avoid guiding catheter movement into the vessel and subsequent arterial damage.
- The procedure should be performed at a hospital where emergency coronary artery bypass graft surgery is available.
- With lesions that prevent complete angioplasty balloon inflation or proper placement of the stent or stent delivery system.
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- With lesions that prevent complete angioplasty balloon inflation or proper placement of the stent or stent delivery system.
- For whom there is an increased risk of adverse events, including stent thrombosis, stent embolism, MI, or death.

The XIENCE Family of stents, in single and in overlapped configurations are MR conditional up to 68 mm in length for XIENCE V® and XIENCE nano® and up to 71 mm in length for all other XIENCE Family stents. It can be scanned safely under the conditions indicated in the Instructions for Use.

The XIENCE V® is intended for use in adult patients with symptomatic heart disease due to de novo native coronary artery lesions for XIENCE Family stents in adult patients with symptomatic heart disease due to de novo native coronary artery lesions for XIENCE Family stents. The XIENCE Family of stents should be handled, placed, implanted, and removed according to the Instructions for Use.

POTENTIAL ADVERSE EVENTS
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The XIENCE Family of stents should be handled, placed, implanted, and remov...
FRIDAY, APRIL 27

6:30–7:45 a.m. (Breakfast)
Pulmonary Embolism: Challenge, Opportunity, and PERT as Vehicle for Change
Sponsored by PERT Consortium
Supported through an educational grant from EKOS/BTG

12:15–1:15 p.m. (Lunch)
Transradial cPCI: A Case-Based Discussion of the Value of TRA in Complex PCI
Sponsored by SCAI
Supported through an educational grant from Platinum Supporter Medtronic

12:15–1:15 p.m. (Lunch)
Intravenous Platelet Inhibition in and Beyond the Cath Lab
Sponsored by Cardiovascular Research Foundation
Supported through an educational grant from Chiesi USA

12:15–1:15 p.m. (Lunch)
New Frontiers in Cardiovascular Medicine: The Next Decade
Sponsored by Cardiovascular Research Foundation
Supported through an educational grant from Medtronic

12:15–1:15 p.m. (Lunch)
The Team Approach to Cardiac Arrest
Sponsored by TandemLife

6:30–8:00 p.m. (Dinner)
Modern PCI: Lessons Learned and Applied From SYNTAX II
Sponsored by Philips

October 12–13
Boston, Massachusetts

Register now at: www.SCAI.org/SHOCK

SCAI expresses deep appreciation for the generous educational grant support of SCAI SHOCK while taking sole responsibility for all content developed and disseminated through this event.

PLATINUM SUPPORTER
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SILVER SUPPORTERS
Getinge and TandemLife

Manos Brilakis, MD, PhD, FSCAI
Chair
Minneapolis Heart Institute

Srihari Naidu, MD, FSCAI
Co-Chair
Westchester Medical Center/New York Medical College
Coronary interventional success rates have steadily improved since the inception of PCI, due in part to breakthroughs in imaging (IVUS/OCT) and physiology (iFR/FFR) for selecting patients and optimizing therapy. Review findings from recent imaging studies so that you can integrate them into your Complex PCI practice.

**Agenda**
- **Course Welcome, Overview, and Objectives**  
  Sahil A. Parikh, MD, FSCAI
- **iFR/FFR and ACS: What the Latest Data Tells Us**  
  Douglas E. Drachman, MD, FSCAI
- **Imaging Tools for Today’s Stent Platforms: Optimizing Outcomes**  
  Kevin J. Croce, MD, PhD, FSCAI
- **Emerging Trends in Complex PCI**  
  Emmanouil S. Brilakis, MD, PhD, FSCAI

**Registration Information**
To register for this event, please visit:  

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**Accreditation Information**
The Society for Cardiovascular Angiography and Interventions is accredited with commendation by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

SCAI designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit.™

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**TAVR 2.0: The Future Is Now**

**Wednesday, 11:15 a.m.–12:15 p.m.**

With TAVR established as a therapy for intermediate and high-risk aortic stenosis patients, structural heart teams continue to set new standards for what can be accomplished. Learn about new and emerging strategies to reduce invasiveness, cost, and length of stay and get a glimpse of what the future may hold for this revolutionary technology.

**Agenda**
- **Welcome**  
  Chandan Devireddy, MD, FSCAI
- **TAVR for Low-Risk Patients and New Frontiers**  
  Molly Szerlip, MD, FSCAI
- **#OptimizedTAVR: Less Is More**  
  Chandan Devireddy, MD, FSCAI
- **Face Off! Masters of Alternative Access (Where, When, and Why)**
  - Round 1: Toby Rogers, MBBS, MRCP
  - Round 2: Rajiv Tayal, MD, MPH, FSCAI
  - Rebuttal
- **Transseptal Mitral Valve in Valve: MITRAL Trial and Optimizing Outcomes**  
  Mayra E. Guerrero, MD, FSCAI
- **Faculty Discussion**
- **Adjourn**

**Registration Information**
To register for this event, please visit:  

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SCAI designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit.™
Patients with critical limb ischemia represent a complex cohort of patients with peripheral vascular disease who are likely to benefit the most from an endovascular approach. Gain strategies for the identification, evaluation, and management of patients with complex vascular disease and critical limb ischemia.

Agenda
- Time to Redefine Critical Limb Ischemia
  Mehdi Shishehbor, DO, FSCAI
- Case 1: Perfusion Challenges
  Jun Li, MD
- Access and Crossing Techniques
  Jay S. Gini, MD, MPH, FSCAI
- Case 2: Highlighting Crossing CTOs
  Douglas E. Drachman, MD, FSCAI
- Debubking Below the Knee: Tools and Techniques
  George L. Adams, MD, FSCAI
- Case 3: Looking at Atherectomy
  Sahil A. Parikh, MD, FSCAI
- Distal Foot Reconstruction: Why and How?
  Arthur Lee, MD, FSCAI
- Case 4: Pedal Disease
  Ehrin J. Armstrong, MD, FSCAI
- ABCs of Wound Care
  Beau M. Hawkins, MD, FSCAI
- Case 5: Wound Care Challenges
  Jeffrey E. Shook, DPM
- Question and Answers

Accreditation Information
The Society for Cardiovascular Angiography and Interventions is accredited with commendation by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.
SCAI designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit.™

Registration Information
To register for this event, please visit:
The superficial femoral artery (SFA) is one of the most common anatomic locations of lower-extremity atherosclerosis. Endovascular treatment of SFA occlusive disease is now considered superior to surgical management. While no one therapeutic option has emerged as the standard of care, important advances in the treatment provide improved options and outcomes for symptomatic patients. The lack of standardization in practice has been ascribed to a variety of factors, including a dearth of comparative data, fiscal incentives to practitioners in different environments, and differing regional preferences. Hear firsthand from the experts who have examined the evidence and authored SCAI’s new clinical guideline on SFA device selection.

Agenda
- Course Welcome, Overview, and Objectives
  Ehrin J. Armstrong, MD, MSc, MAS, FSCAI
- Nitinol Stents for SFA Lesions: Primary Therapy or Bailout?
  Sahil A. Panik, MD, FSCAI
- Drug-Coated Balloons: Can We Leave Nothing Behind? Is It a Class Effect?
  Herbert D. Aronow, MD, FSCAI
- What Is the Optimal Therapy for Long-Segment SFA Occlusions? Case Examples
  Beau M. Hawkins, MD, FSCAI
- How to Treat Severely Calcified Femoropopliteal Disease: Case Examples
  Andrew J. Klein, MD, FSCAI
- Device Selection for Definitive SFA Therapy: What Is the Evidence?
  Dmitry N. Feldman, MD, FSCAI
- What Role Should Imaging Play?
  Ehrin J. Armstrong, MD, FSCAI
- Audience Questions and Answers

Registration Information

Sponsored by SCAI. Supported through educational grants from Gold Supporters Abbott and Philips and Bronze Supporters Cardiovascular Systems, Inc., and Terumo.

Transradial cPCI: A Case-Based Discussion of the Value of TRA in Complex PCI
Friday, 12:15–1:15 p.m.

How can integrating transradial access bring more value to your cath lab’s complex PCI (cPCI) practice? Join SCAI for an engaging, case-based look at the value of integrating TRA into cPCI and CTO. SCAI’s newly issued expert consensus document on PCI length of stay will also be discussed in a lively debate on same-day discharge for cPCI patients.

Agenda
- SCAI Transition for VALUE and How It Applies to cPCI
  Adhir R. Shroff, MD, MPH, FSCAI
- Integrating Left Main PCI Into Your TRA Practice (Case)
  Pervaz M. Meraj, MD, FSCAI
- CTO: Tips and Tricks for Integrating TRA (Case)
  Stéphane Rinfret, MD, SM, FSCAI
- Bifurcation PCI Using TRA (Case)
  J. Dawn Abbott, MD, FSCAI
- Mini-Debate on Same-Day Discharge for cPCI
  CON: Same-Day Discharge Should Be Reserved for Type A Lesion PCI Only
    William M. Suh, MD, FSCAI
  PRO: Patients Undergoing cPCI Can Be Safely Discharged on the Same Day
    Mazen S. Abu-Fadel, MD, FSCAI
- Discussion and Conclusion

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Registration Information

Sponsored by SCAI. Supported through an educational grant from Platinum Supporter Medtronic.
Women in Innovations
Physician Leadership Summit

Friday, April 27
7:00–7:30 p.m. Women in Interventional Cardiology Reception
7:30–9:30 p.m. Dinner and Keynote Address

Keynote Speaker: Susan Reynolds, MD, PhD
Dr. Reynolds is CEO of The Institute for Medical Leadership and author of “Prescription for Lasting Success: Leadership Strategies to Diagnose Problems and Transform Your Organization.” Joining her will be a panel of healthcare executives and physician leaders who will share their personal experiences as female leaders in today’s healthcare industry.

Saturday, April 28
Earn up to 8.75 AMA PRA Category Credits.
7:15 a.m.–4:45 p.m. SCAI-WIN Women in Interventional Cardiology Forum
Room: Seaport G

SCAI-WIN (Women in Innovations)

Women in Innovations Forum is supported through educational grants from Gold Supporter Medtronic and Silver Supporters Abiomed, Edwards Lifesciences, and Terumo.
As the country’s healthcare system moves toward a value-based approach, TRAnsition for VALUE will highlight the clinical and economic advantages of transradial PCI to ensure its value is fully realized to the benefit of patients, hospitals, and the healthcare system at large.

Along with various informative modules, this initiative also provides custom education and training opportunities for cardiologists, hospital administrators, and cath lab professionals, all available at: TRAnsitionForVALUE.org

Modules include:

• How Value-Based Healthcare Affects Clinical Practice (Introduction)
• Clinical Benefits of Transradial Access
• Rethinking Care Delivery in a Transradial Cath Lab
• Femoral to Radial 101—Where to Begin for MD’s
• Clinical Best Practices, Tips & Tricks for TRA Technique
• What You Need to Know About Bundled Payments
• Economic Benefits of Transradial Access
• Cath Lab Staff’s Role in TRA Adoption
• Your TRA Support Network: How to Initiate Change

This initiative is sponsored by Medtronic and Terumo.
FEATURED SESSIONS AND EVENTS

Located in Seaport DE, unless otherwise noted

**TUESDAY, APRIL 24**

6:30–8:30 p.m.  Global Case-Based Leadership Summit: Complex Interventions Without Borders Supported through an educational grant from Platinum Supporter Boston Scientific’s EDUCARE Initiative

Room: Seaport H

CTO From Around the Globe

Moderators: Luis Guzman, MD, FSCAI; Ehtisham Mahmund, MD, FSCAI

Panelists: Emmanouil S. Brilakis, MD, PhD, FSCAI; Shao-Liang Chen, MD, PhD, FSCAI; Nicholas J. Lembo, MD, FSCAI

6:40 p.m.  Antegrade CTO: When Nothing Crosses

Rajesh Vijayvergia, MD, DM, FSCAI

6:52 p.m.  Retrograde CTO via the Epicardial Collateral

Ramesh Daggubati, MD, FSCAI

7:04 p.m.  Retrograde CTO via the Epicardial Collateral

Oscar A. Mendiz, MD, FSCAI

7:16 p.m.  My Worst Complication

Le Van Truong, MD, PhD, FSCAI

Complex PCI (CPCI)

Moderators: Oscar A. Mendiz, MD, FSCAI; David X. Zhao, MD, FSCAI

Panelists: Dmitriy N. Feldman, MD, FSCAI; Thach N. Nguyen, MD, FSCAI; Sahil A. Parikh, MD, FSCAI

7:28 p.m.  A Patient With Multivessel Disease and Low EF

Abdullah Shehab, MD, PhD, FSCAI

7:40 p.m.  A Patient With a Calcified Lesion and Low EF

Sameer Gupta, MD, FSCAI

7:52 p.m.  Complex Bifurcation: DK Crush Is the Best Choice

Sundeep Mishra, MD, DM, FSCAI; Ashish Pershad, MD, FSCAI

8:04 p.m.  Complex PCI in the Very Elderly

Ahmed Magdy, PhD, FSCAI

All session speakers are also panelists.

**WEDNESDAY, APRIL 25**

7:00–11:00 a.m.  Complex High-Risk Interventional Procedures (CHIP)

7:00–8:00 a.m.  CHIP I: Approach to Complex Lesions

Moderators: Ehtisham Mahmund, MD, FSCAI; Sunil V. Rao, MD, FSCAI

Panelists: Wissam Jaber, MD; Michael A. Kutcher, MD, FSCAI

7:00 a.m.  Preparing for the Battle: Access, Equipment, Strategy, and Technique

Mitz P. Patel, MD, FSCAI

7:12 a.m.  How to Treat Severely Calcified Lesions: Tips and Tricks

Prashant Kaul, MD, FSCAI

7:24 a.m.  Approach to Left Main and Bifurcation Lesions

Nicholas Joseph Lembo, MD, FSCAI

7:36 a.m.  Complete Revascularization for Multivessel Disease: When and How?

Ajay J. Kirtane, MD, SM, FSCAI

8:00–9:00 a.m.  CHIP II: Approach to Complex Patients

Moderators: J. Dawn Abbott, MD, FSCAI; Emmanouil S. Brilakis, MD, PhD, FSCAI

Panelists: Jianfang Luo, MD, FSCAI; Andrew Rassi, MD, FSCAI; Stephanie Rinfret, MD, SM, FSCAI

8:00 a.m.  Revascularization in Cardiogenic Shock and Advanced Heart Failure: Who? When? How?

James T. Stewart, MD, FSCAI

8:12 a.m.  When to Use Hemodynamic Support and Device Selection: Tips and Tricks

Pervez M. Meraj, MD, FSCAI

8:24 a.m.  Team Building and Team-Based Approach to the CHIP Patient

Konstantinos D. Boudoulas, MD, FSCAI

8:36 a.m.  Managing CHIP Complications

Paul Teirstein, MD, FSCAI

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**TUESDAY, APRIL 24**

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Konstantinos D. Boudoulas, MD, FSCAI

8:36 a.m.  Managing CHIP Complications

Paul Teirstein, MD, FSCAI

9:00–11:00 a.m.  CHIP Complex Peripheral Vascular Interventions (CHIP) Summit

Room: Harbor A

Moderators: Douglas E. Drachman, MD, FSCAI; Sahil A. Parikh, MD, FSCAI; Mehdi Shishehbor, DO, FSCAI

7:36–9:15 a.m.  CHIP-CPVI: Interactive Case Discussions

7:30 a.m.  Introduction to Workshop Strategy and Objectives

Douglas E. Drachman, MD, FSCAI

7:35 a.m.  Presentation of Case 1 (Ilac)

Sundeep Mishra, MD, DM, FSCAI; Ashish Pershad, MD, FSCAI

7:45 a.m.  Presentation of Case 2 (SFA)

Mehdi Shishehbor, DO, FSCAI

7:55 a.m.  Presentation of Case 3 (CLI)

Sahil A. Parikh, MD, FSCAI

8:05 a.m.  Attendees Break Into Groups for Discussion

Moderators: Steven R. Bailey, MD, MSCAI; Jay S. Giri, MD, MPH, FSCAI

Panelists: Arista W. Asgar, MD; George S. Hanzel, MD, FSCAI

7:00 a.m.  Cardiac CT Imaging: Planning the Procedure

Daniel H. Steinberg, MD, FSCAI

7:12 a.m.  Large-Bore Transfemoral Access: Getting In and Out

Matthew W. Sherwood, MD, MHS, FSCAI

7:24 a.m.  Optimizing Balloon Expandable TAVR: Tips and Tricks

Susheel K. Kodali, MD, FSCAI
WEDNESDAY, APRIL 25 (continued)

7:36 a.m.  Optimizing Self-Expanding TAVR: Tips and Tricks
James B. Hermiller, MD, MSCAI

8:00 a.m.  Minimalist TAVR: Should It Be the Standard?
Christian Spies, MD, FSCAI

8:12 a.m.  Alternative Access: What Are the Options?
Altafayee Yousef, MD

8:24 a.m.  Setting Up for Success: Crossing the Septum
Molly Szerlip, MD, FSCAI

8:36 a.m.  Sapien 3 Mitral Valve in Valve Case: Step by Step
Raj Makkar, MD

9:30–11:00 a.m.  Mitral Repair/Left Atrial Appendage Exclusion/Patent Foramen Ovale Closure

Moderators: James B. Hermiller, MD, MSCAI; Michael J. Rinaldi, MD, FSCAI
Panelists: Santiago Garcia, MD, FSCAI; Daniel H. Steinberg, RMD, FSCAI; Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, MSCAI

9:30 a.m.  Imaging for Mitraclip: Patient Selection and Procedural Guidance
Rebecca T. Hahn, MD

9:42 a.m.  The Optimal Mitraclips Procedure: Tips and Tricks
Saibal Kar, MD, FSCAI

9:54 a.m.  Mitral Valvuloplasty: Who and How?
Igor F. Palacios, MD, MSCAI

10:06 a.m.  The ABCs of Closing an ASD: Technique and Devices
Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI

10:08 a.m.  The ABCs of Closing a PFO: Technique and Devices
Jonathan M. Tobis, MD, MSCAI

10:30 a.m.  LAA Occlusion With Watchman: Step by Step
Sameer A. Gafoor, MD

OFFICIAL COMMENCEMENT OF SCAI 2018 SCIENTIFIC SESSIONS

12:30–12:45 p.m.  Welcome to 2018 Scientific Sessions by Program Chair
Ehtisham Mahmud, MD, FSCAI

12:45–1:15 p.m.  Wilder Lecture: A Pivotal Time for Interventional Cardiology
Anthony DeMaria, MD

1:30–6:00 p.m.  Innovations in Cardiovascular Interventions and Technology Summit

Room: Harbor A

1:30–3:00 p.m.—Part I
Moderators: Rafael Beyar, MD, MPH, DSc; Richard R. Heuser, MD, FSCAI
1:30 p.m.  TAVR From Concept to Clinical Impact and Most Recent Updates
Raj Makkar, MD
1:40 p.m.  Joining Forces Between Clinical Academic and Industrial Arms to Change the Paradigm of Innovations
Rafael Beyar, MD, MPH, DSc
1:50 p.m.  Transcatheter Therapies for MR: Devices and Recent Data
Sameer A. Gafoor, MD
2:00 p.m.  CATH Lab of the Future: Incorporating Digital Technology
Giora Weisz, MD, FSCAI
2:20 p.m.  From Concept to Commercialization
Gary Gerhsony, MD, FSCAI
2:30 p.m.  FDA Approach to New Technology
Michael Mack, MD
2:40 p.m.  Innovations That Will Change the Future—Lessons from IGI
Rafael Beyar, MD, MPH, DSc

All session speakers are also panelists.
**SCHEDULE AT A GLANCE BY TRACK**

**FEATURED SESSIONS AND EVENTS**

Located in Seaport DE, unless otherwise noted

**WEDNESDAY, APRIL 25** (continued)

3:00-4:00 p.m. **CONTROVERSIES IN INTERVENTIONAL CARDIOLOGY I: INTERVENTIONAL MANAGEMENT OF STABLE CORONARY ARTERY DISEASE**
Moderators: Morton J. Kern, MD, MSCAI; Paul Teirstein, MD, FSCAI
Panelists: J. Dawn Abbott, MD, FSCAI; Rasha Al-Lamee, MBBS, MD, FSCAI; Muhammad Munawar, MD, PhD, FSCAI; Sudhir Rathore, MBBS, MHS, MMED, MRCP; Kevin J. Croce, MD, PhD; Farouc MD, FSCAI; Somjot S. Brar, MD, MPH; Mark Chan, MD, FSCAI; Lawrence Ang, MD, FSCAI; Gregg W. Stone, MD, FSCAI

4:00-4:30 p.m. **EXHIBIT HALL/ABSTRACT POSTER SESSION I**

Room: Grand Hall

Moderators: Jeffrey W. Chambers, MD, FSCAI; Sundeed Mishra, MD, DM, FSCAI
Panelists: Waqar H. Ahmed, MD, MS, FSCAI; Salman A. Arain, MD, FSCAI; Konstantinos D. Boudoulas, MD, FSCAI; Samjol S. Brar, MD, MPH; Mark Chan, MD, MBBS, MHS, MMED, MRCP; Kevin J. Croce, MD, PhD; Farouc A. Jaffer, MD, PhD, FSCAI; Albert E. Raizner, MD, MBBS, MHCDS, MD, FSCAI; C. Michael Valentine, MD, FSCAI

4:30-6:00 p.m. **SCAI/Cardiovascular Research Foundation (CRF) Joint Session: Upcoming Trials From CRF**

Moderators: Ori Ben-Yehuda, MD; Sunil V. Rao, MD, FSCAI
Panelists: Ziad Ali, MD, PhD; Ori Ben-Yehuda, MD; Tamim M. Nazif, MD; Eugene R. Blackstone, MD; Alvin E. Raizner, MD, MSCAI; C. Michael Valentine, MD, FSCAI

**THURSDAY, APRIL 26**

8:00-8:20 a.m. **FOUNDERS’ LECTURE: EVIDENCE-BASED SCIENCE BEHIND INTERVENTIONAL CARDIOLOGY: A 40-Year Journey**

Room: Grand Hall

Moderators: Mazen S. Abu-Fadel, MD, FSCAI; Todd J. Brinton, MD; John S. Douglas, Jr., MD, FSCAI
Panelists: Khalid Al Faraidy, MD, FRCPC; Joseph D. Babb, MD, FSCAI; Andrew McNeice, MD, Victoria Heart Institute; David Kandzari, MD, FSCAI, Piedmont Heart Institute

8:20-9:00 a.m. **ANNUAL BUSINESS MEETING AND TOWN HALL WITH KIRK N. GARRATT, MD, MSC, FSCAI**

9:00-10:30 a.m. **LIVE CASES: MitraClip and Coronary**
Moderators: Saibal Kar, MD, FSCAI; Brian K. Whisenant, MD, FSCAI
Panelists: Murvat Alasragh, MD, FSCAI; Wayne B. Batchelor, MD, MHS, FSCAI; Ori Ben-Yehuda, MD; Justin Davies, MBBS, PhD; Sameer Gupta, MD, FSCAI; Ryan R. Reeves, MD

10:30-11:00 a.m. **EXHIBIT HALL/ABSTRACT POSTER SESSION III**

Room: Grand Hall

Moderators: Brijeshwar S. Maini, MD; Oscar A. Mendiz, MD, FSCAI
Panelists: M. Chadi Alraies, MD, MPH; Saif Anwaruddin, MD; Anita W. Asgar, MD; Rodrigo Bagur, MD, PhD; Anthony A. Bavry, MD, MPH; Adrian K. Chihabtawla, MD, FSCAI; Konstantinos Mamagkos, MD, FSCAI; Konstantinos Toutouzas, MD, PhD; Rajesh Vajpayeygija, MD, DMI, FSCAI

11:00 a.m.–noon **LATE-BREAKING CLINICAL SCIENCE I**

Moderators: H. V. Anderson, MD, FSCAI; George D. Dangas, MD, PhD, MSCAI
Panelists: Mason S. Abu-Fadel, MD, FSCAI; Todd J. Brinton, MD; John McD. Hodgson, MD, FSCAI; Yingjie Jiao, MD, PhD; Benjamin E. German, MD, FSCAI; Fredrick M. Funnell, MD, FSCAI; Sameer Gupta, MD, FSCAI; Ryan R. Reeves, MD

11:00 a.m. **IMMUNOMODULATORY THERAPY REDUCES Atherosclerotic Plaque Burden by Coronary Computed Tomography Angiography in Porcine at One Year**

11:09 a.m. **Discussion**

11:12 a.m. **Procedural, Clinical, and Health Status Outcomes in Chronic Total Coronary Occlusion Revascularization With Zotarolimus-Eluting Stents: Results From the PERSPECTIVE Trial**

11:21 a.m. **Discussion**

11:24 a.m. **The Prognostic Impact of Revascularization Strategy in Acute Myocardial Infarction and Cardiogenic Shock: Insights From the British Columbia Cardiac Registry**

11:33 a.m. **The Hybrid Approach of Percutaneous Coronary Interventions for Chronic Total Occlusions: Update From the PROGRESS-CTO (PROsp ective Global Registry for the Study of Chronic Total Occlusion Intervention) International Registry**

11:45 a.m. **Strategies to Reduce Acute Kidney Injury and Improve Clinical Outcomes After Percutaneous Coronary Intervention: A Subgroup Analysis of the Prevention of Serious Adverse Events Following Angiography (PRESERVE) Trial**

11:48 a.m. **Discussion**

11:57 a.m. **Discussion**

**SATURDAY SESSIONS**

9:00–10:00 a.m. **LIVE CASES: Complex Coronary Interventions for Chronic Total Occlusions: Update From the PROGRESS-CTO (PROsp ective Global Registry for the Study of Chronic Total Occlusion Intervention) Internat**

11:12 a.m. **Discussion**

11:24 a.m. **The Prognostic Impact of Revascularization Strategy in Acute Myocardial Infarction and Cardiogenic Shock: Insights From the British Columbia Cardiac Registry**

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11:48 a.m. **Discussion**

11:57 a.m. **Discussion**
**FEATURED SESSIONS AND EVENTS**

**THURSDAY, APRIL 26 (continued)**

**1:30–2:00 p.m.** Mullins Lecture: Celebrating Women Who Paved the Way to Pediatric Cardiology Today  
Moderators: Jianfang Luo, MD, FSCAI; Christopher J. White, MD, MSCAI  
Room: Seaport G

Jacqueline Kreutzer, MD, FSCAI  
Division Chief, Pediatric Cardiology and Professor, Department of Pediatrics, University of Pittsburgh School of Medicine; Co-Director, Heart Institute and Director, Cardiac Catheterization Laboratory, Children’s Hospital of Pittsburgh of the University of Pittsburgh Medical Center

**3:00–3:30 p.m.** Exhibit Hall/Abstract Poster Session IV  
Room: Grand Hall

Moderators: Jianfang Luo, MD, FSCAI; Christopher J. White, MD, MSCAI  
Poster Discussants: Abhay A. Divekar, MD, FSCAI; James A. Goldstein, MD, FSCAI; Andrew J. Klein, MD, FSCAI; Sameer Gupta, MD, FSCAI; Andrew Tochterman, MBA

**3:30–5:00 p.m.** Best Cases From Around the World  
Moderators: Michael J. Cowley, MD, MSCAI; Luis A. Guzman, MD, FSCAI  
Panelists: Owayed M. Al Shammeri, MD, MB, ChB; H.V. Anderson, MD, FSCAI; Kevin J. Croce, MD, PhD; Anil Dhali, MD, DM, FSCAI; Nigel Jepps, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Mohammad I. Kundi, MBBS, FRCP, FSCAI; Augusto Pichard, MD, FSCAI; James T. Stewart, MD, FSCAI

**3:30 p.m.** Sub-Acute Transcatheter Mitril Valve Dysfunction Following Transcatheter Aortic and Mitral Valve Replacements  
Jean-Michael Paradis, MD, Quebec Heart and Lung Institute, Quebec, Canada

**3:38 p.m.** Discussion

**3:41 p.m.** The Safe Breakup Strategy of Huge Thrombus in Ectatic RCA  
Ahmed Mohamed Ali Kaseem Sr., MD, FEBCC, FSCAI, King Abdulaziz University Hospital, Jeddah, Saudi Arabia

**3:49 p.m.** Discussion

**3:52 p.m.** A Novice’s Approach to VSR Closure  
Prabha N. Gupta, MD, DM, FSCAI, Government Medical College, Trivandrum, India

**4:00 p.m.** Discussion

**4:03 p.m.** Exclusion of a Wide-Based Coronary Aneurysm With a Covered Stent Using a Long DES Scaffold  
Ryan Cotter, MD, University of Colorado Denver

**4:11 p.m.** Discussion

**4:14 p.m.** High-Risk NSTEMI With Latrogenic LIMA Dissection Followed by Hemodynamic and Electrical Instability  
Janakumar Kansagra, MD, Henry Ford Hospital

**4:22 p.m.** Discussion

**4:25 p.m.** Kinked Guide Catheter During ST-Elevation Myocardial Infarction  
Rahil Rafeedheen, MD, Saint Louis University

**4:33 p.m.** Discussion

3:46 p.m. Post-ViV TAVR Ostial Left Main and Left Main Bifurcation (Medina 1,1,1) Coronary Intervention  
Anshuman Das, MD, Rush University Medical Center

**4:44 p.m.** Discussion

**5:00–5:30 p.m.** Exhibit Hall/Abstract Poster Session V  
Room: Grand Hall

Moderators: Lloyd W. Klein, MD, FSCAI; Daniel M. Kolansky, MD, FSCAI  
Poster Discussants: Anil Dhali, MD, DM, FSCAI; James A. Goldstein, MD, FSCAI; Karon K.L. Ho, MD, MSc, FSCAI; Maureen B. Julien, PA, MSN, CRNP, Keshav R. Nayak, MD, FSCAI; John Petersen II, MD, MHS; Ryan R. Reeves, MD; S. Chiu Wong, MD, FSCAI; Eric H. Yang, MD, MBA; James P. Zidar, MD, FSCAI

**5:30–6:30 p.m.** Cases Over Cocktails/Exhibit Hall  
Room: Grand Hall

Moderators: David A. Cox, MD, MSCAI; John S. Douglas Jr., MD, FSCAI  
Presenters: Amir Kaki, MD, FSCAI; Ahmed Magdy, PhD, FSCAI; Oscar A. Mendiz, MD, FSCAI

**4:36 p.m.** 4:36 p.m. Post-ViV TAVR Ostial Left Main and Left Main Bifurcation (Medina 1,1,1) Coronary Intervention  
Anshuman Das, MD, Rush University Medical Center

**5:00–5:30 p.m.** Live Cases: Complex Coronary and Peripheral  
**Primary Operator:** Khaldoon Alaswad, MD, FSCAI  
**Secondary Operator:** Mitul Patel, MD, FSCAI

**9:30–10:30 a.m.** Controversies in Interventional Cardiology II: Scientific and Industry Collaboration: An Imperative for Innovation?  
Moderators: Todd J. Brinton, MD, Richard R. Heuser, MD, FSCAI  
Panelists: John S. Douglas Jr., MD, FSCAI; Jason Fontana, PhD; Cindy L. Grines, MD, FSCAI; Timothy D. Henry, MD, FSCAI; Zayed M. Hijazi, MD, FSCAI; Richard Schatz, MD; Andrew Tochterman, MBA

**10:30–11:00 a.m.** Exhibit Hall/Abstract Poster Session VI  
**Congenital Heart Disease (CHD)**  
Room: Grand Hall

Poster Discussants: Abhay A. Divekar, MD, FSCAI; Thomas E. Fagan, MD, FSCAI; Andrew C. Glatz, MD, MSCAI; Bryan H. Goldstein, MD, FSCAI; Luke J. Lamers, MD, FSCAI; Kamishka Ratnayaka, MD; Sara M. Trucco, MD, FSCAI

**FRIDAY, APRIL 27**

**8:00–9:30 a.m.** Live Cases: Complex Coronary and Peripheral  
**Primary Operator:** Khaldoon Alaswad, MD, FSCAI  
**Secondary Operator:** Mitul Patel, MD, FSCAI

**9:30–10:30 a.m.** Controversies in Interventional Cardiology II: Scientific and Industry Collaboration: An Imperative for Innovation?  
**Primary Operator:** Khaldoon Alaswad, MD, FSCAI  
**Secondary Operator:** Mitul Patel, MD, FSCAI  
**Panelists:** John S. Douglas Jr., MD, FSCAI; Jason Fontana, PhD; Cindy L. Grines, MD, FSCAI; Timothy D. Henry, MD, FSCAI; Zayed M. Hijazi, MD, FSCAI; Richard Schatz, MD; Andrew Tochterman, MBA

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SCHEDULE AT A GLANCE BY TRACK

11:00 a.m.–noon Late-Breaking Clinical Science II

Moderators: Steven R. Bailey, MD, MSCAI; William F. Penny, MD, FSCAI
Panelists: Charles E. Chambers, MD, MSCAI; Adnan K. Chhatrivalla, MD, FSCAI; John S. Douglas Jr., MD, FSCAI; Marc E. Jolicoeur, MD, MSc, MHSc, FSCAI; Sunil V. Rao, MD, FSCAI; Roberto Canessa, MD, FSCAI; David X. Zhao, MD, FSCAI

11:00 a.m. The Abbott Post-Approval Study 1 MitraClip Registry: One-Year Results of the First 2,000 Patients in the Transcatheter Valve Therapy Registry

Primary Operator: James B. Hermiller, MD, MSCAI, The St. Vincent Medical Group, The Heart Center of Indiana
Secondary Operator: Sharadchandran Sudarshan, MBBS, BSc, MSc, MD, FSCAI
Case 1: UC San Diego (Adult Congenital)
Primary Operator: John W. Moore, MD, MPH, FSCAI
Secondary Operator: Howaida El-Said, MD, FSCAI; Ryan R. Reeves, MD

Case 2: Henry Ford (TAVR)
Primary Operator: William O'Neill, MD, MSCAI
Secondary Operator: Marvin H. Eng, MD, FSCAI

11:10 a.m. Discussion

11:12 a.m. Derivation of a Simple Risk Tool to Predict 30-Day Readmissions After Transcatheter Aortic Valve Replacement

Sahil Khera, MD, Massachusetts General Hospital

11:24 a.m. A Prospective, Single-Arm, Multicenter Trial of Catheter-Directed Mechanical Thrombectomy for Intermediate-Risk Acute Pulmonary Embolism: The FLARE Study

Moderators: Siddharth A. Wayangankar, MD, Shands/University of Florida; Roxana Mehran, MD, MSCAI; Shabana Shahanavaz, MBBS, FSCAI; David X. Zhao, MD, FSCAI
Panelists: James C. Amin, MD, MSCAI; Roxana Mehran, MD, MSCAI; Ashok Seth, MD, MBBS, FRCP, FFSC, DSc, Dlitt, MSCAI; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI; Daniel P. Newby, MBBS, BSc, MD, FRCP, FRCPath, FSCAI

11:33 a.m. Discussion

11:36 a.m. Length of Stay Post-Transfemoral Transcatheter Aortic Valve Replacement

Secondary Operator: Howaida El-Said, MD, FSCAI; Ryan R. Reeves, MD

11:45 a.m. Discussion

11:48 a.m. Discrepancy Between Physician Perception and Objective Assessment of Stroke, Stent Thrombosis and Bleeding Risks in Patients With Atrial Fibrillation Undergoing PCI: Results From the AVIATOR 2 International Registry

Moderators: Steve R. Bailey, MD, MSCAI; Maneesh Daggubati, MD, FSCAI; Roxana Mehran, MD, MSCAI; Shabana Shahanavaz, MBBS, FSCAI; David X. Zhao, MD, FSCAI
Panelists: Hisao A. Tanaka, MD, FSCAI; David R. Holmes, MD, FSCAI; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI

11:57 a.m. Discussion

4:30–4:45 p.m. Presidential Address

David A. Cox, MD, MSCAI
President 2018–2019

4:45–5:15 p.m. Member Induction and FSCAI Ceremony

5:15–5:30 p.m. MSCAI Ceremony

SAN DIEGO | APRIL 25–28, 2018

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SCHEDULE AT A GLANCE BY TRACK

CORONARY TRACK

Located in Seaport A, unless otherwise noted

WEDNESDAY, APRIL 25

7:00–11:00 a.m. Complex High-Risk Interventional Procedures (CHIP)

Room: Seaport DE

7:00–8:00 a.m. CHIP I: Approach to Complex Lesions

Moderators: Ehtisham Mahmud, MD, FSCAI; Sunil V. Rao, MD, FSCAI
Panelists: Wissam Jaberi, MD; Michael A. Kutcher, MD, FSCAI

7:00 a.m. Preparing for the Battle: Access, Equipment, Strategy, and Technique

Mith P. Patel, MD, FSCAI

7:12 a.m. How to Treat Severely Calcified Lesions: Tips and Tricks

Prashant Kaul, MD, FSCAI

7:24 a.m. Approach to Left Main and Bifurcation Lesions

Nicholas Joseph Lembo, MD, FSCAI

7:36 a.m. Complete Revascularization for Multivessel Disease: When and How?

Ajay J. Kirtane, MD, SM, FSCAI

8:00–9:00 a.m. CHIP II: Approach to Complex Patients

Moderators: J. Dawn Abbott, MD, FSCAI; Emmanuel S. Brilakis, MD, PhD, FSCAI
Panelists: Andrew Rassi, MD, FSCAI; Jianfang Luo, MD, FSCAI; Stéphane Rinfret, MD, SM, FSCAI
Panelist: Christopher E. Buller, MD

8:00 a.m. Revascularization in Cardiogenic Shock and Advanced Heart Failure: Who? When? How? James T. Stewart, MD, FSCAI

8:12 a.m. When to Use Hemodynamic Support and Device Selection: Tips and Tricks

Perwaiz M. Meraj, MD, FSCAI

8:24 a.m. Team Building and Team-Based Approach to the CHIP Patient

Konstantinos D. Roubodas, MD, FSCAI

8:36 a.m. Managing CHIP Complications

Paul Teirstein, MD, FSCAI

9:30–11:00 a.m. LIVE CASES: CHIP

Moderators: Spencer B. King III, MD, FSCAI; Richard Schatz, MD
Panelists: M. Chadi Alraies, MD, MPH; Michael J. Cynamon, MD, MSCAI; Omar Gokekten, MBBS, FSCAI; Brian C. Kalski, MD; Sunideep Mishra, MD, DM, FSCAI; Ashish Pershad, MD, FSCAI; James T. Stewart, MD, FSCAI

9:30 a.m. Case 1: HonorHealth (Coronary)

Primary Operator: David G. Rinik, MD, FSCAI
Secondary Operator: Bimal B. Paddilaya, MD

9:30 a.m. Case 2: University of Washington Medical Center (CHIP)

Primary Operator: William L. Lombardi, MD, FSCAI
Secondary Operator: Creighton W. Do, MD, PhD, FSCAI; James M. McCabe, MD, FSCAI

1:30–3:00 p.m. CTO Interventions: From Basics to Advanced Techniques

Moderators: Farouc A. Jaffer, MD, PhD, FSCAI; Stéphane Rinfret, MD, SM, FSCAI
Panelist: Christopher E. Buller, MD

1:30 p.m. Building a Successful CTO PCI Program: Why, When, and Which Tools?

Farouc A. Jaffer, MD, PhD, FSCAI

1:40 p.m. Antegrade Wire Escalation and Antegrade Dissection/Re-Entry Techniques: Step-by-Step Approach

Mithu Patel, MD, FSCAI

1:50 p.m. Retrograde Technique/Epicardial Collaterals/ByPass Grafts: Step-by-Step Approach

M. Nicholas Burke, MD, FSCAI

2:00 p.m. Systematic Approach to CTO: The Hybrid Approach

Omer Gokekten, MBBS, FSCAI

2:10 p.m. Balloon-Uncrossable or Undilatable Lesions: Now What?

Minho Vo, MD, FRCP

2:20 p.m. Complications of CTO PCI and Their Management

Khalid Alaswad, MD, FSCAI

2:30 p.m. When to Stop? Preventing Radiation and Contrast Injury

Catalin Toma, MD

SCHEDULE AT A GLANCE BY TRACK

CORONARY TRACK

Located in Seaport A, unless otherwise noted

THURSDAY, APRIL 26

9:00–10:30 a.m. Controversies in Interventional Pharmacology

Moderators: Roxana Mehran, MD, MSCAI; Matthew J. Price, MD

Debate I: Heparin vs. Bivalirudin

9:00 a.m. Let’s Put This Debate to Rest: Heparin Is the Gold Standard

Duane S. Pinto, MD, MPH, FSCAI

9:07 a.m. Not So Fast: Bivalirudin Data Are Strong!

Roxana Mehran, MD, MSCAI

Debate II: Antiplalet Therapy — Preloading, Oral, and Intravenous Agents

9:14 a.m. GP IIb/IIIa Inhibitors: Oldies but Goodies

Perwaiz M. Meraj, MD, FSCAI

9:21 a.m. Cangrelor: Changing the Old Habits

Deepak L. Bhatt, MD, MPH, FSCAI

9:28 a.m. Preload and Use Prasugrel/Ticagrelor: Common Sense vs. Data

Binita Shah, MD, FSCAI

All session speakers are also panelists.
**SCHEDULE AT A GLANCE BY TRACK**

**CORONARY TRACK**
Located in Seaport A, unless otherwise noted

**THURSDAY, APRIL 26 (continued)**

9:35 a.m.  No Preload: Keep It Simple; Heparin Is All You Need
William F. Penny, MD, FSCAI

**Debate III: Optimal DAPT Duration**

9:42 a.m.  Short DAPT: Nothing Wrong With Stopping Short
Ashok Seth, MD, MBBS, FRCP, FFSC, DSc, Dlitt, MSCAI

9:49 a.m.  Long DAPT: Go Long or Go Home
Usman Baber, MD

9:56 a.m.  DAPT Interruption and Bridging
Subhash Banerjee, MD, FSCAI

10:06 a.m.  Challenges of Triple Therapy: When and Which?
Dmitriy N. Feldman, MD, FSCAI

11:00 a.m.–noon **Coronary Imaging and Physiology: Case-Based Presentations**

Moderators: Allen Jeremias, MD, MSc, FSCAI; Morton J. Kern, MD, MSCAI
Panelists: Kevin J. Croce, MD, PhD; Michael J. Lim, MD, FSCAI

11:00 a.m.  Overview of Coronary Physiology and How to Apply It
Allen Jeremias, MD, MSc, FSCAI

11:10 a.m.  Noninvasive Approach to FFR: CT FFR
Jeffrey M. Schussler, MD, FSCAI

11:20 a.m.  FFR: The New Gold Standard — Data Don’t Lie
Morton J. Kern, MD, MSCAI

11:30 a.m.  Adenosine-Free Coronary Assessment: IFR and Contrast FFR
Justin Davies, MBBS, PhD

11:40 a.m.  Coronary Imaging: Does ILLUMIEN-III Change the Game for IVUS or OCT?
Ziad Ali, MD, PhD

1:30–3:00 p.m. **Transradial Interventional Program — Vascular Access Safety Course**

Moderators: Dmitriy N. Feldman, MD, FSCAI; Sunil V. Rao, MD, FSCAI
Panelists: Amit P. Amin, MD; Rodrigo Bagur, MD, PhD

1:30 p.m.  Effect of Access Site on Post-PCI Kidney Injury
Sanjit S. Jolly, MD, MSc

1:40 p.m.  Strategies to Reduce Radiation Exposure During Radial Procedures
Ian C. Gilchrist Sr., MD, FSCAI

1:50 p.m.  Minimizing Radial Artery Occlusion
Samir B. Pancholy, MD, FSCAI

2:00 p.m.  Large-Bore Femoral: Access, Closure, and Pre-Closure
Curtiss T. Stinis, MD, FSCAI

2:20 p.m.  Access Site and Same-Day Discharge After PCI
Marc E. Jolicoeur, MD, MSc, MHS, FSCAI

2:30 p.m.  Managing Access Site Complications: Femoral
Lawrence Ang, MD, FSCAI

2:40 p.m.  Managing Access Site Complications: Radial
Mazen S. Abu-Fadel, MD, FSCAI

**CORONARY TRACK**

Located in Seaport A, unless otherwise noted

**THURSDAY, APRIL 26 (continued)**

**FRIDAY, APRIL 27**

8:30–9:30 a.m.  **STENT DESIGN: CURRENT AND NOVEL STENT TECHNOLOGY**

Moderators: James B. Herrmiller, MD, MSCAI; Ashok Seth, MD, MBBS, FRCP, FFSC, DSc, Dlitt, MSCAI
Panelists: Jeffrey J. Cavendish, MD, FSCAI; Michael A. Kutcher, MD, FSCAI; Giorgia Weiss, MD, FSCAI

8:00 a.m.  **Absorbable Polymers: Can We Believe the Data?**
Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI

8:10 a.m.  **Should We Step Back? Nano-Coated Technology**
Rajiv Jauhar, MD, FSCAI

8:20 a.m.  **Lessons Learned From Absorbable Scaffolds: RCTs and Registry Data**
Cindy L. Grines, MD, FSCAI

8:45 a.m.  **Stent Selection: How I Do It**
James B. Herrmiller, MD, MSCAI

8:55 a.m.  **Evolution of Drug-Eluting Permanent Scaffolds: Still the Best!**
Ashok Seth, MD, MBBS, FRCP, FFSC, DSc, Dlitt, MSCAI

9:05 a.m.  **Future of Bioabsorbable Technology: Where We’ll Be in Five Years**
David J. Cohen, MD, FSCAI

All session speakers are also panelists.
FRIDAY, APRIL 27 (CONTINUED)

9:30–10:30 a.m.  New Technology and/or Techniques: First-in-Man Experience
Moderators: Maurice Buchbinder, MD, FSCAI; Dmitry N. Feldman, MD, FSCAI
Panelists: Mirvat Alasnag, MD, FSCAI; Douglas E Drachman, MD, FSCAI; Luis A. Guzman, MD, FSCAI; Michael A. Kutcher, MD, FSCAI; Roxana Mehran, MD, FSCAI; John Peterseil II, MD, MHS
9:30 a.m.  Salvage Transcatheter Aortic Valve Replacement for the Treatment of Acute Bioprosthetic Aortic Insufficiency and Cardiogenic Shock
Pratik Dalal, MD
9:40 a.m.  Right- and Left-Sided Impella in Cardiogenic Shock From Transplant Rejection
Amezcia Uzend, MD
9:50 a.m.  Treatment of Coronary Obstruction Following PVI Closure
Hussam Suradi, MD, FSCAI
10:00 a.m.  Balloon Angioplasty to Facilitate Transfemoral TAVR in Peripheral Vascular Disease
Robert Faigen, MD
10:10 a.m.  A Case of the Disappearing Metallic Stent
Wisam Z. Attyay, MD

11 a.m.–noon  What Would Experts Do? Case-Based Presentations
Moderators: Ted A. Bass, MD, MSCAI; Cindy L. Grines, MD, FSCAI
Panelists: Mirvat Alasnag, MD, FSCAI; Douglas E Drachman, MD, FSCAI; Luis A. Guzman, MD, FSCAI; Michael A. Kutcher, MD, FSCAI; Roxana Mehran, MD, FSCAI; John Peterseil II, MD, MHS
11:00 a.m.  PCI in Pre-TAVR and Post-TAVR Patients
Molly Szerlip, MD, FSCAI
11:15 a.m.  Alternative Access for Hemodynamic Support in High-Risk PCI
Cindy L. Grines, MD, FSCAI
11:30 a.m.  STEMI and Multivessel Disease—Culprit-Only, Multivessel PCI, Stage It?
Abdulrah Shehab, MD, PhD, FSCAI
11:45 a.m.  Hybrid Revascularization—Can We Combine the Best of CABG and PCI?
M. Chadi Alraies, MD, MPH
**SCHEDULE AT A GLANCE BY TRACK**

**PERIPHERAL TRACK**

**WEDNESDAY, APRIL 25**

- **7:30–11:00 a.m.** SCAI Complex Peripheral Vascular Interventions (SCAI-CPVI) Summit
  - Moderators: Douglas E. Drachman, MD, FSCAI; Sahil A. Parikh, MD, FSCAI; Mehdi Shishehbor, DO, FSCAI
  - CPVI: Interactive Case Discussions
  - CPVI: From the Aortic Bifurcation Down
  - CPVI: Case Discussions

- **7:30–9:15 a.m.** Presentation of Cases
  - **7:30 a.m.** Introduction to Workshop
  - **7:30–9:15 a.m.** CPVI: Interactive Case Discussions
  - **7:30–11:00 a.m.** CPVI: From the Aortic Bifurcation Down

- **7:30–9:15 a.m.** Presentation of Prospective Strategies by Work Groups
  - Moderators: Douglas E. Drachman, MD, FSCAI; Sahil A. Parikh, MD, FSCAI; Mehdi Shishehbor, DO, FSCAI

- **8:05 a.m.** Attendees Break Into Groups for Discussion
  - Moderators: Douglas E. Drachman, MD, FSCAI; Sahil A. Parikh, MD, FSCAI; Mehdi Shishehbor, DO, FSCAI

- **8:45 a.m.** Presentations of Prospective Strategies by Work Groups
  - Moderators: Douglas E. Drachman, MD, FSCAI; Sahil A. Parikh, MD, FSCAI; Mehdi Shishehbor, DO, FSCAI

- **9:30–11:00 a.m.** Presentation of Cases
  - **9:30 a.m.** CPVI: From the Aortic Bifurcation Down
  - **9:30 a.m.** Access Considerations in Aorto-Iliac Intervention: Ipsilateral, Contralateral, or Bilateral Retrograde CFA Access? When to Consider Brachial or Radial Access?
  - **9:40 a.m.** Complex Aorto-Iliac Intervention: CTO/TASC D, Bifurcation Disease, Covered Stents
  - **9:50 a.m.** Moderated Discussion

- **10:00 a.m.** Access Selection for SFA and BTK CTO: Antegrade vs. Retrograde “Up and Over” Is Radial an Option? Transpedal/Tibial Access Mehdi Shishehbor, DO, FSCAI

- **10:10 a.m.** When Do I Have to Debulk and How?
  - Andrew J. Klein, MD, FSCAI

**THURSDAY, APRIL 26**

- **9:00–10:30 a.m.** New Frontiers in Acute and Chronic Thromboembolic Pulmonary Disease
  - Moderators: Jay S. Giri, MD, MPH, FSCAI; D. Chris Metzger, MD, FSCAI
  - Panelist: William J. Prabhu, MD

- **9:10 a.m.** Risk Stratification and Management of PE: How to Reconcile Societal Chaos
  - Kenneth Rosenfield, MD, MHCDS, FSCAI

- **9:20 a.m.** Anticoagulation for VTE in the NOAC Era and in Patients on DAPT: How and for How Long?
  - Satish Madiraju, MD, FSCAI

- **9:45 a.m.** Management of Intermediate and High-Risk PE: When to Intervene
  - Gregory Piazza, MD

- **10:05 a.m.** CTEPH: Don’t Bring a Knife to a Balloon Fight
  - Ehtisham Mahmud, MD, FSCAI

- **11:30 a.m.** Prevention and Management of Post-Thrombotic Syndrome
  - Sheila Sahn, MD

**SATURDAY SESSIONS**

- **2:25 p.m.** Phlebectomy and Glue Case Reviews
- **2:15 p.m.** Sclerotherapy Case Reviews: Liquid and Foam
- **1:50 p.m.** Ablation Case Review: Thermal vs. Nonthermal
- **1:30 p.m.** Clinical Scores and Noninvasive Vascular Imaging for Diagnosis and Follow-Up
  - Suhail Dohad, MD

**SCHEDULE AT A GLANCE BY TRACK**

**PERIPHERAL TRACK**

**WEDNESDAY, APRIL 25**

- **10:20 a.m.** Best Practices for Endovascular Treatment in the SFA—Drug Delivery Technology
  - Zahi A. Parikh, MD, FSCAI

- **10:30 a.m.** Best Practices for Endovascular Treatment of the SFA—SCAI AUC and White Paper
  - Douglas E. Drachman, MD, FSCAI

- **10:40 a.m.** Complications Potpourri
  - Herbert D. Aronow, MD, FSCAI

**THURSDAY, APRIL 26**

- **11:00 a.m.** Invasive Management of Iliofemoral DVT: Is There Still a Role for CDT Following the ATTRACT Trial?
  - Robert A. Soukas, MD, FSCAI

- **11:10 a.m.** Venous Stenting: When, How, and What Type?
  - Robert A. Schainfeld, DO

- **11:30 a.m.** Prevention and Management of Post-Thrombotic Syndrome
  - Sheila Sahn, MD

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  - Suhail Dohad, MD

**All session speakers are also panelists.**
**PERIPHERAL TRACK**

**FRIDAY, APRIL 27**

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Claudication: Old Disease, New Therapies</td>
<td>Moderators: Dmitry N. Feldman, MD, FSCAI; John P. Reilly, MD, FSCAI; Panelist: Stephan Heo, MD</td>
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<td>8:00 a.m.</td>
<td>Noninvasive Imaging Pearls</td>
<td>James B. Froehlich, MD</td>
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<td>8:10 a.m.</td>
<td>Medicines and Exercise: Complementary or Competitive With PVI?</td>
<td>Anand Prasad, MD, FSCAI</td>
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<td>8:20 a.m.</td>
<td>Common Femoral Artery Disease: Scrape, Stretch, or Sew?</td>
<td>Peter A. Soukas, MD, FSCAI</td>
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<td>8:40 a.m.</td>
<td>I Can See Clearly Now: Image-Guided Crossing and Re-Entry</td>
<td>Suhail Dohad, MD, FSCAI</td>
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<td>8:50 a.m.</td>
<td>Atherectomy: Spin it to Win it</td>
<td>Beau M. Hawkins, MD, FSCAI</td>
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<td>9:00 a.m.</td>
<td>Cutting/Scoring Balloons + DCB: Sewing the Seeds for Success</td>
<td>John P. Reilly, MD, FSCAI</td>
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<td>9:10 a.m.</td>
<td>Stents and Covered Stents: When to Wear a Jacket</td>
<td>Mehdi Shishehbor, DO, FSCAI</td>
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<td>9:30–10:30 a.m.</td>
<td>Carotid Artery Disease: Carotid Endarterectomy (CEA), Stenting, or Back to Medical Therapy?</td>
<td>Moderators: Suhail Dohad, MD; James P. Zidar, MD, FSCAI</td>
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<td>9:30 a.m.</td>
<td>Carotid Disease Management: Review of the Data</td>
<td>Mehdi Shishehbor, DO, FSCAI</td>
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<td>9:40 a.m.</td>
<td>Noninvasive Cerebrovascular Imaging Pearls</td>
<td>James B. Froehlich, MD</td>
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<td>9:50 a.m.</td>
<td>Evidence-Based Approach to Reducing Procedural Variation</td>
<td>Alex Abou-Chebl, MD, FSCAI</td>
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<td>10:00 a.m.</td>
<td>TCAR: Is There a Role for the Intervention Cardiologist?</td>
<td>Herbert D. Aronow, MD, FSCAI</td>
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<td>11:00 a.m.–noon</td>
<td>Aortic, Renal, and Mesenteric Disease: Case-Based Approaches</td>
<td>Moderators: D. Chris Metzger, MD, FSCAI; Khurram A. Niazi, MD, FSCAI; Panelist: Lawrence Ang, MD, FSCAI</td>
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<tr>
<td>11:00 a.m.</td>
<td>Noninvasive Imaging for Aortic, Renal, and Mesenteric Disease</td>
<td>James B. Froehlich, MD</td>
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<td>11:10 a.m.</td>
<td>Update on AAA and TAA: EVAR/TEVAR and Open Repair</td>
<td>D. Chris Metzger, MD, FSCAI</td>
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<tr>
<td>11:20 a.m.</td>
<td>Endovascular Management of Mesenteric Ischemia</td>
<td>Khurram A. Niazi, MD, FSCAI</td>
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<td>11:30 a.m.</td>
<td>RAS: Are There Any Remaining Indications for Revascularization?</td>
<td>Sahil A. Parikh, MD, FSCAI</td>
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**SATURDAY, APRIL 28**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1:30–3:00 p.m.</td>
<td>Critical Limb Ischemia (CLI): How Far Is Too Far?</td>
<td>Moderators: Larry J. Diaz, MD, FSCAI; Mehdi Shishehbor, DO, FSCAI</td>
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<tr>
<td>1:30 p.m.</td>
<td>Noninvasive Imaging for CLI</td>
<td>Mehdi Shishehbor, DO, FSCAI</td>
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<td>1:40 p.m.</td>
<td>Vascular Access How and When: Antegrade, Retrograde, Tibioptedal, TR, TB, Other?</td>
<td>Larry J. Diaz, MD, FSCAI</td>
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<td>1:50 p.m.</td>
<td>Choosing Your Weapon: Atherectomy, DES, BMS, TOBA, PTA, DCB, and FFA</td>
<td>John P. Reilly, MD, FSCAI</td>
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<td>2:15 p.m.</td>
<td>Bypass vs. Endo: What to Do Until We Know What is Best</td>
<td>Kenneth Rosenfield, MD, MHCDs, MSFCAI</td>
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<td>2:25 p.m.</td>
<td>When to Walk Away: Noninvasive Management of CLI</td>
<td>Douglas E. Drachman, MD, FSCAI</td>
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<td>3:30–4:30 p.m.</td>
<td>Complications: Get Me Out of Here!</td>
<td>Moderators: Dmitry N. Feldman, MD, FSCAI; Andrew J. Klein, MD, FSCAI; Panelist: Andrew J. Klein, MD, FSCAI</td>
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<td>3:30 p.m.</td>
<td>Vascular Access Catastrophes</td>
<td>Andrew J. Klein, MD, FSCAI</td>
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<td>3:40 p.m.</td>
<td>Iliac Perforation</td>
<td>Aravinda Nanjundappa, MD, MBBS, FSCAI</td>
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<tr>
<td>3:50 p.m.</td>
<td>Distal Embolization</td>
<td>Larry J. Diaz, MD, FSCAI</td>
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<tr>
<td>4:00 p.m.</td>
<td>Stent Acrobatics</td>
<td>Curtis T. Stinis, MD, FSCAI</td>
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</table>
WEDNESDAY, APRIL 25
7:00–11:00 a.m.  Structural Heart Interventions: Advanced Techniques
7:00–9:00 a.m.  The Fundamentals of Transcatheter Aortic and Mitral Valve Replacement

Moderators: Steven R. Bailey, MD, MSc; Jay S. Giri, MD, MPH, FSCAI
Panelists: Anita W. Asgar, MD; George S. Hanzel, MD, FSCAI

7:00 a.m.  Cardiac CT Imaging: Planning the Procedure
Daniel H. Steinberg, MD, FSCAI
7:12 a.m.  Large-Bore Transfemoral Access: Getting In and Out
Matthew W. Sherwood, MD, MHS, FSCAI
7:24 a.m.  Optimizing Balloon Expandable TAVR: Tips and Tricks
Susheel K. Kodali, MD, FSCAI
7:36 a.m.  Optimizing Self-Expanding TAVR: Tips and Tricks
James B. Herrmiller, MD, MSc; Maas
8:00 a.m.  Minimalist TAVR: Should It Be the Standard?
Christian Spies, MD, FSCAI
8:12 a.m.  Alternative Access: What Are the Options?
Altayyeb Yousef, MD
8:24 a.m.  Setting Up for Success: Crossing the Septum
Molly Szerlip, MD, FSCAI
8:36 a.m.  Sapien 3 Mitral Valve in Valve Case: Step by Step
Raj Makkar, MD

11:00 a.m.  Mitral Repair/Left Atrial Appendage Exclusion/Patent Foramen Ovale Closure
Moderators: James B. Herrmiller, MD, MSc; Michael J. Rinaldi, MD, MSc
Panelists: Santiago Garcia, MD, FSCAI; Daniel H. Steinberg, MD, FSCAI

9:30–11:00 a.m.  Mitral Repair/Left Atrial Appendage Exclusion/Patent Foramen Ovale Closure
9:30 a.m.  Imaging for MitraClip: Patient Selection and Procedural Guidance
Rebecca T. Hahn, MD
9:42 a.m.  The Optimal MitraClip Procedure: Tips and Tricks
Saibal Kar, MD, FSCAI
9:54 a.m.  Mitral Valveoplasty: Who and How?
Igor F. Palacios, MD, MSc; Maas
10:06 a.m.  The ABCs of Closing an ASD: Technique and Devices
Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI
10:18 a.m.  The ABCs of Closing a PFO: Technique and Devices
Jonathan M. Tobis, MD, MSc; Maas
10:30 a.m.  LAA Occlusion With Watchman: Step by Step
Sameer A. Gafoor, MD

12:30–2:00 p.m.  Structural Interventions: A Procedural Toolbox
Moderators: Molly Szerlip, MD, FSCAI; Zoltan G. Turi, MD, MSc
Panelists: John P. Vavalle, MD, MHS

1:30 p.m.  Essential Invasive Hemodynamics for SHD Procedures
Jeffrey J. Cavendish, MD, FSCAI
1:40 p.m.  Fishing Out the Lost Device: Snaring 101
John M. Lasala, MD, PhD, MSc; Maas
1:50 p.m.  Treating Vascular Complications: From Balloons to Covered Stents
Subhash Banerjee, MD, FSCAI
2:15 p.m.  Cardiac Tamponade: Recognizing and Treating — Quickly
Stephen R. Ramee, MD, FSCAI
2:25 p.m.  Transseptal Puncture Made Easy
Ramon Quesada, MD, FSCAI
2:35 p.m.  Challenging Transseptal Cases
Brijeshwar S. Maini, MD

2:45–4:15 p.m.  PFO/ASD Closure: The Jury Is In!
Moderators: Keshav R. Nayak, MD, FSCAI; Jonathan M. Tobis, MD, MSc
Panelists: Howaida El-Said, MD, FSCAI; James P. Stewart, MD

3:30 p.m.  Septal Ablation for HOCM: Selecting the Patient
George S. Hanzel, MD, FSCAI
3:40 p.m.  Optimizing Septal Ablation Outcomes
John S. Douglas Jr., MD, FSCAI
3:50 p.m.  Ventricular Septal Defect Closures: Technique and Outcomes
David K. Zhao, MD, FSCAI
4:00 p.m.  Closing Coronary Fistulas and Aneurysms: When and How?
Daniel H. Steinberg, MD, FSCAI

4:30–5:15 p.m.  PFO/ASD Closure: The Jury Is In!
Moderators: Keshav R. Nayak, MD, FSCAI; Jonathan M. Tobis, MD, MSc
Panelists: Howaida El-Said, MD, FSCAI; James P. Stewart, MD

4:30 p.m.  ICE vs. TEE for PFO Closure and Other Procedures
Clifford J. Kavinsky, MD, PhD, MSc; Maas
4:40 p.m.  PFO: When to Close
Srihari S. Naidu, MD, FSCAI
4:50 p.m.  Closing the Complex ASD
Matthew J. Price, MD
5:00 p.m.  Challenging PFO Closures: Large ASAs, Long Tunnels, and More
John D. Carroll, MD, MSc; Maas

5:15–6:00 p.m.  Tricuspid Valve: The Final Frontier
Moderators: Saibal Kar, MD, FSCAI; Susheel K. Kodali, MD, MSc; Maas
Panelists: Clifford J. Kavinsky, MD, PhD, MSc; Michael J. Rinaldi, MD, MSc; Maas

5:15 p.m.  Tricuspid Regurgitation: How to Assess, When to Treat
Rebecca T. Hahn, MD
5:25 p.m.  MitralClip for TV Regurgitation: Case and Review
Christopher Meduri, MD
5:35 p.m.  Tricuspid Valve in Valve and Ring: Tips and Tricks
Sameer A. Gafoor, MD
5:45 p.m.  Coming to a Trial Near You: Dedicated Tricuspid Valve Repair
Saibal Kar, MD, FSCAI
3:30–5:00 p.m. Preventing Cardioembolism: Left Atrial Appendage (LAA) Exclusion

Moderators: Matthew J. Price, MD; Brian K. Whisenant, MD, FSCAI
Panelists: Zoltan G. Turi, MD, MSCAI

3:30 p.m. Patient Selection for LAA Exclusion
George S. Hanzel, MD, FSCAI

3:40 p.m. Debate: LAA Exclusion for Almost All Patients
Matthew J. Price, MD

3:45 p.m. Debate: LAA Exclusion Is Last Resort
C. Michael Gibson, MD, FSCAI

3:50 p.m. Optimal Imaging Strategies
Faisal Latif, MD, FSCAI

4:15 p.m. Perfecting the Watchman Procedure: Tips and Tricks
Ramon Quesada, MD, FSCAI

4:25 p.m. Alternatives to Watchman: Amulet, LARIAT, Etc.
Jacqueline Saw, MD, FSCAI

4:35 p.m. Treating Residual Leaks and Device-Related Thrombi
Brian K. Whisenant, MD, FSCAI

3:30–5:00 p.m. Preventing Cardioembolism: Left Atrial Appendage (LAA) Exclusion

Moderators: Matthew J. Price, MD; Brian K. Whisenant, MD, FSCAI
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Jacqueline Saw, MD, FSCAI

4:35 p.m. Treating Residual Leaks and Device-Related Thrombi
Brian K. Whisenant, MD, FSCAI
FRIDAY, APRIL 27 (continued)

9:30–10:30 a.m. Transcatheter Mitral Valve Replacement: The Promise and the Problems
Moderators: Danny Dvir, MD; Christian Spies, MD, FSCAI
Panelists: Ted E. Feldman, MD, FSCAI; Philippe Généreux, MD; James P. Stewart, MD

9:30 a.m. The Role of Imaging in Patient and Prosthesis Selection
Toby Rogers, MBBS, MRCP

9:40 a.m. Mitral Valve-in-Valve Ring: Tips and Tricks
Saurabh Sanon, MD

9:50 a.m. Mitral Valve in MAC: The Outcomes, Pitfalls, and Potential Solutions
Ted E. Feldman, MD, FSCAI

10:00 a.m. Mitral Valve Replacements on the Horizon
Michael J. Reardon, MD

11:00 a.m.–noon Paravalvular Leaks: How to Plug the Hole
Moderators: Eric Horlick, MD, FSCAI; Carlos E. Ruiz, MD, PhD, FSCAI
Panelists: Stanley J. Chetcuti, MD, FSCAI; Ramon Quesada, MD, FSCAI; Kendrick A. Shunk, MD, PhD, FSCAI

1:30–3:00 p.m. SHD/CHD Combined Part I: Learning From Each Other
Moderators: Ziyad M. Hijazi, MD, MSCAI; Thomas K. Jones, MD, FSCAI; Clifford J. Kavinsky, MD, PhD, MSCAI
Panelists: Brent M. Gordon, MD, FSCAI; Bryan H. Goldstein, MD, FSCAI; Ignacio Inglessis, MD, FSCAI; John F. Rhodes Jr., MD

1:30 p.m. Pulmonary Valve Replacement Case
Anita W. Asgar, MD

1:40 p.m. Discussion
Shabana Shahanavaz, MBBS, FSCAI

1:50 p.m. Pulmonary Artery Intervention Case
Ehtisham Mahmud, MD, FSCAI

1:55 p.m. Discussion
John P. Breinholt III, MD, FSCAI

2:00 p.m. Pulmonary Vein Intervention Case
Holly Bauser-Heaton, MD, PhD

2:10 p.m. Discussion
Samir Ramesh Kapadia, MD, FSCAI

2:15 p.m. Aortic Coarctation Treatment Case
Payam Dehghani, MD, FSCAI

2:25 p.m. Discussion
Robert N. Vincent, MD, FSCAI

2:30 p.m. TAVR Case
Lynn F. Peng, MD, FSCAI

2:40 p.m. Discussion
Creighton W. Don, MD, PhD, FSCAI

2:45 p.m. VSD Closure Case
Shakeel Ahmed Qureshi, MD, FSCAI

2:55 p.m. Discussion
Chad Kliger, MD, FSCAI
SCHEDULE AT A GLANCE BY TRACK

CONGENITAL TRACK

Seaport G, unless otherwise noted

WEDNESDAY, APRIL 25
1:30–3:00 p.m. Pulmonary Vein Stenosis: Mission Impossible?
Moderators: Alan Nugent, MBBS, FSCAI; Shakeel Ahmed Qureshi, MD, FSCAI
1:30 p.m. Taped Case Presentation
Henri Justino, MD, FSCAI
1:45 p.m. What Do We Know Now?
Bryan H. Goldstein, MD, FSCAI
1:57 p.m. Access Techniques
Athar M. Qureshi, MD, FSCAI
2:09 p.m. Target Lesion Therapies
Matthew A. Crystal, MD
2:21 p.m. Medical Therapies: Magic Pills?
Ryan M. Callahan, MD, FSCAI
2:33 p.m. Therapies in Older Patients
Lourdes R. Prieto, MD, FSCAI
3:00–4:00 p.m. The Known Unknowns: Tips and Tricks
Moderators: Henri Justino, MD, FSCAI; Robert N. Vincent, MD, FSCAI
3:00 p.m. Anticoagulation: Before, During, and After
Howaida El-Said, MD, FSCAI
3:10 p.m. Ghost Vessels: Bringing Back Life
Patrick Morris Sullivan, MD
3:20 p.m. Vascular Embolization: Beyond Plugs
Abhay A. Divekar, MD, FSCAI
3:30 p.m. Acute Thrombus Removal
Joseph N. Graziano, MD, FSCAI
3:40 p.m. Practical Unzipping
Shyam K. Sathanandam, MD, FSCAI

4:30–5:15 p.m. Coronary Interventions in Pediatrics
Moderators: Gregory A. Fleming, MD, MS, FSCAI; Athar M. Qureshi, MD, FSCAI
4:30 p.m. Taped Case Presentation
Marnel E. Turner, MD, FSCAI
4:40 p.m. Tools of the Trade
Srinath T. Gowda, MD
4:50 p.m. Advanced Coronary Imaging
Kevin Harris, MD, FSCAI
5:00 p.m. Taking the Lead: Peds vs. Adult
Eric Horlick, MD, FSCAI

5:15–6:00 p.m. 3-D Imaging for Interventions
Moderators: Osmahna Alabdoss, MD, FSCAI; Darren P. Berman, MD, FSCAI
5:15 p.m. Case-Based Presentation: 3-D Printing
Michael D. Seckeler, MD, MSc, FSCAI
5:25 p.m. Case-Based Presentation: CT/MRI Fusion
Andrew C. Glätz, MD, MSCE
5:35 p.m. Rotational Imaging: Recipes for Success
Thomas E. Fagan, MD, FSCAI
5:45 p.m. MRI-Guided Therapy
Kanizha Ratnayaka, MD

THURSDAY, APRIL 26
9:00–10:30 a.m. Transcatheter Pulmonary Valve Replacement (TPVR): Beyond the Basics
Moderators: Mary Hunt Martin, MD; Doff B. McElhinney, MD, FSCAI
9:00 a.m. Taped Case: Large Outflow Tract
Daniel S. Levi, MD, FSCAI
9:15 a.m. Outcomes and Expectations
Evan Zahn, MD, FSCAI
9:25 a.m. Sapien Nuances
Jamil Aboulhosn, MD, FSCAI
9:35 a.m. Melody Modifications
David T. Balzer, MD, FSCAI
9:55 a.m. Pop Goes the Valve Ring
Darren P. Berman, MD, FSCAI
10:05 a.m. Valves From Across the Pond
Shakeel Ahmed Qureshi, MD, FSCAI
10:03 a.m. Large Outflow Devices: On the Horizon
Robert G. Gray, MD

11:00 a.m.–noon The Transseptal Puncture: Advanced Techniques
Moderators: Thomas K. Jones, MD, FSCAI; Luke J. Larners, MD, FSCAI; Charles E. Mullins, MSCE
11:00 a.m. Case Presentation: HLHS With Intact Septum
Sara M. Trucco, MD, FSCAI
11:10 a.m. Specialized Tools of the Trade
Srinath T. Gowda, MD
11:20 a.m. Site-Specific Atrial Puncture
Sameer A. Gafoor, MD
11:30 a.m. Nonseptal Puncture
Matthew J. Gillespie, MD, FSCAI
11:40 a.m. Assisting Imaging
Mark D. Osten, MD, FSCAI

1:30–2:00 p.m. MULLINS LECTURE: Celebrating Women Who Paved the Way to Pediatric Cardiology Today
Room: Seaport G
Jacqueline Kreutzer, MD, FSCAI
Division Chief, Pediatric Cardiology and Professor, Department of Pediatrics, University of Pittsburgh School of Medicine; Co-Director, Heart Institute and Director, Cardiac Catheterization Laboratory, Children’s Hospital of Pittsburgh of the University of Pittsburgh Medical Center

2:00–3:00 p.m. Abstracts: Best of the Best
Moderators: Phillip Moore, MD, MBA; Nathan W. Taggart, MD, FSCAI
Presenters: Varun Aggarwal, MD, MBA; Preston Boyer, MD; Matthew J. Gillespie, MD, FSCAI; Neil D. Patel, MD; Shabana Shahanavaz, MBBS, FSCAI

3:30–5:00 p.m. I Blew It!
Moderators: Thomas E. Fagan, MD, FSCAI; Frank F. Ing, MD, FSCAI
All session speakers are also panelists.

All session speakers are also panelists.

SAN DIEGO | APRIL 25–28, 2018
All session speakers are also panelists.

FRIDAY, APRIL 27
8:00–9:30 a.m.  Interventional Management for Neonatal Tetralogy of Fallot (TOF)
Moderators: V. Vivian Dimas, MD, FSCAI; Jeffrey D. Zampi, MD, FSCAI
Panelists: Charles E. Mullins, MD, MScAI

8:00 a.m. Taped Case: RVOT Stenting
Kyong-Jin Lee, MD

8:15 a.m. PDA Stenting: Techniques
David T. Balzer, MD, FSCAI

8:25 a.m. Balloon Valvuloplasty: Techniques
Andrew C. Glatz, MD, MSCE

8:35 a.m. RVOT Stenting: Techniques
Shabana Shahanavaz, MBBS, FSCAI

9:00 a.m. Debate: Primary Surgical Repair Should Remain the Standard
John Nigro, MD

9:10 a.m. Debate: Catheter Interventions Should Become the New Standard
Lee N. Benson, MD, FSCAI

9:20 a.m. Rebuttal: Surgical Repair is Still King
John Nigro, MD

9:25 a.m. Rebuttal: Catheters Over Scalpels
Lee N. Benson, MD, FSCAI

9:30–10:30 a.m. Interventional Jeopardy
Moderators: Alan Nugent, MBBS, FSCAI; Shakeel Ahmed Qureshi, MD, FSCAI; Neil Wilson, MBBS, FSCAI
Speaker: Alan Nugent, MBBS, FSCAI

10:30–11:00 a.m. Exhibit Hall/Poster Session VI (CHD)
Poster Discussants: Abhay A. Divekar, MD, FSCAI; Thomas E. Fagan, MD, FSCAI; Andrew C. Glatz, MD, MSCE; Bryan H. Goldstein, MD, FSCAI; Luke J. Lammers, MD, FSCAI; Kanishka Ratnayaka, MD; Sara M. Trucco, MD, FSCAI

11:00 a.m.–noon  The Young Guns: Bullets and Blanks
Moderators: Sarosh P. Batilvala, MD, FSCAI; Nathan W. Taggart, MD, FSCAI; Sara M. Trucco, MD, FSCAI
Panelists: Michael D. Seckeler, MD, MSc, FSCAI; Jeffrey D. Zampi, MD, FSCAI

11:05 a.m. Clinical Case 1: I Found Out When More Was Better
Shabana Shahanavaz, MBBS, FSCAI

11:20 a.m. Clinical Case 2: I Found Out When Less Was Better
Brian H. Morray, MD

11:35 a.m. Decision-Making Skills for Young Interventionalists: One Perspective
Phillip Moore, MD, MSc

11:45 a.m. Decision-Making Skills for Young Interventionalists: Another Perspective
Larry A. Latson, MD, FSCAI
## SCHEDULE AT A GLANCE BY TRACK

### CORONARY TRACK

**Thursday, April 26**
- **9:00-10:30 a.m.** SCAI/American College of Cardiology (ACC) Joint Session I: Cath Lab Economics 2018
  - Moderators: Daniel M. Kolansky, MD, FSCAI; C. Michael Valentine, MD, FSCAI
- **9:00 a.m.** The Past, Present, and Future of Bundled Payments
  - Cathleen Biga, RN, MSN
- **9:10 a.m.** Volume vs. Value?: How to Reduce Cath Lab Costs in 2018
  - C. Michael Valentine, MD, FSCAI
- **9:45 a.m.** Value-Based STEMI Care: An Opportunity
  - Timothy D. Henny, MD, FSCAI
- **9:55 a.m.** Cath Lab Efficiency: How to Save Time and Money With Less Stress
  - Samir Ramesh Kapadia, MD, FSCAI
- **10:05 a.m.** Value and New Technologies in the Cath Lab: The View From Industry
  - Jason Fontana, PhD

### FRIDAY, APRIL 27

- **8:00-9:30 a.m.** SCAI/Intersocietal Accreditation Commission (IAC) Joint Session: Accreditation and Tools for Success
  - Moderators: Arnold H. Seto, MD, FSCAI; Frank C. Vermeiren, MS, RT(R)(CV), RDCS; George W. Vetrovec, MD, MSCAI
- **9:00 a.m.** Overview of Cath Lab Accreditation
  - Arnold H. Seto, MD, FSCAI
- **9:10 a.m.** Accreditation and Cath Reports: Where to Begin
  - Aimee K. Armstrong, MD, FSCAI
- **9:20 a.m.** How IAC Accredits Your Cath Lab: Nuts and Bolts
  - Frank C. Vermeiren, MS, RT(R)(CV), RDCS
- **9:45 a.m.** Structural Imaging: An Emerging Role for Noninvasive imagers in the Cath Lab
  - Rebecca T. Hahn, MD
- **9:55 a.m.** Cardiac Surgeons and the Heart Team Approach: Decision-Making in Ischemic Heart Disease
  - Farouc A. Jaffer, MD, PhD, FSCAI
- **9:05 a.m.** CV Professionals: Adding a Skill Set to the Cath Lab and the TAVR Lab
  - Andrea Price, MS
- **9:15 a.m.** Discussion: Expanding the Cath Lab Team

### SATURDAY SESSIONS

- **11:00 a.m.-noon** SCAI/AACC Joint Session II: Registries, Reporting, and Quality Metrics
  - Moderators: Herbert D. Arronow, MD, FSCAI; Michael A. Kutcher, MD, FSCAI
  - 11:00 a.m. What Are Appropriate Quality Measures for PCI in 2018?
    - Joaquin E. Cigarroa, MD, FSCAI
  - 11:10 a.m. NCDR: Reducing Variability and Improving Quality
    - J. Dawn Abbott, MD, FSCAI
  - 11:20 a.m. Structured Cath Reports and the Role of the EMR
    - Michael A. Kutcher, MD, FSCAI
  - 11:30 a.m. Registries: Partnering With Payors to Improve Outcomes
    - Paul Michael Grossman, MD, FSCAI

### All session speakers are also panelists.
FRIDAY, APRIL 27 (CONTINUED)
9:30–10:30 a.m. Basic Clinical Skills
Moderators: David G. Rizik, MD, FSCAI; Zoltan G. Turi, MD, MSCAI
Panelist: Maureen Yucelt, RN
9:30 a.m. Obtaining High-Quality Hemodynamic Recordings in the Cath Lab
Ori Ben-Yehuda, MD
9:40 a.m. Arterial and Venous Access: How to Do It Best
Zoltan G. Turi, MD, MSCAI
9:50 a.m. Why You Need IVUS, FFR, and OCT: Role of Ancillary Imaging
Prashant Kaul, MD, FSCAI
10:00 a.m. Arterial Sheath Removal: Role of Closure and Other Devices
Ali Pourdjabbar, MD
11:00 a.m.–noon Complex Decision-Making: In the Public Eye
Moderators: Ted A. Bass, MD, MSCAI; Jeptha Curtis, MD, FSCAI
11:00 a.m. Update on Public Reporting: What We Report, What Our Patients See
Michael A. Kutcher, MD, FSCAI
11:10 a.m. Public Reporting: Does It Lead to Better Outcomes?
Jeptha Curtis, MD, FSCAI
11:20 a.m. Approaches to High-Risk Reporting:
Massachusetts and New York Solutions
Duane S. Pinto, MD, MPH, FSCAI
11:30 a.m. Case Presentation: AMI/Cardiac Arrest Decision-Making
S. Tanveer Rab, MD, FSCAI
1:30–3:00 p.m. Best Practices in an AUC World: Case-Based Strategies
Moderators: Lyndon C. Box, MD, FSCAI; Sunil V. Rao, MD, FSCAI
1:30 p.m. What Are the New AUC All About? (Coronary and Peripheral)
Daniel M. Kolansky, MD, FSCAI
1:40 p.m. APPs to Help You: AUC and Others
Kalon K.L. Ho, MD, MSC, FSCAI
1:50 p.m. Case-Based Approach: What Would AUC Say About This Case?
John Sverker, MD, MPH
2:15 p.m. TRAnsition for Value: SCAI’s Transradial Quality Initiative to Maximize Value of PCI
Adhir R. Shroff, MD, MPH, FSCAI
2:25 p.m. SCAI Peripheral Artery Disease (PAD) Diagnosis and Treatment Toolkit
Rajesh V. Swaminathan, MD
2:35 p.m. SCAI Best Practices: CAD, PAD, and Noninterventional
Sahil A. Parikh, MD, FSCAI
3:30–4:30 p.m. Protocols and Procedures: Optimizing Success in the Cath Lab
Moderators: Joaquin E. Cigarroa, MD, FSCAI; Bonnie H. Weiner, MD, MSEC, MBA, MSCAI
Panelist: Maureen Yucelt, RN
3:30 p.m. STEMI Care: Relooking at Your STEMI Protocol in 2018
Cindy L. Grines, MD, FSCAI
3:40 p.m. TAVR: Fast-Track Protocol and Early Discharge
Maureen B. Juliin, PA, MSN, CHNP
3:50 p.m. Radial Access Protocol: Less Bleeding, Improved Patient Satisfaction
Prashant Kaul, MD, FSCAI
4:00 p.m. Length of Stay After PCI: A Patient-Centered and Evidence-Based Approach
Arnold Seto, MD, FSCAI
4:10 p.m. SHOCK Protocol: Ready for Anything
Manish A. Parikh, MD, FSCAI
SATURDAY SESSIONS
8:45–9:30 a.m. TRAnsition for Value
Sponsored by Medtronic
Moderators: Timothy D. Henry, MD, MSEC, MBA, MSCAI; J. Dawn Abbott, MD, FSCAI
8:45 a.m. Cases: Same-Day and Expedited Discharge in TRA
Daniel Feldman, MD
9:00 a.m. Economics Primer for Interventional Fellows and How TRA Provides Value
Adhir R. Shroff, MD, MPH, FSCAI
9:10 a.m. Your TRA Support Network: How to Initiate Change
Speaker TBD
9:20 a.m. Discussion
9:30–10:30 a.m. Atherectomy Spotlight Session
Sponsored by Cardiovascular Systems, Inc.
Moderators: J. Dawn Abbott, MD, FSCAI; Jeffrey W. Moses, MD, FSCAI
Panelists: Kevin J. Croce, MD, PhD; Srihari S. Naidu, MD, FSCAI
9:30 a.m. Atherectomy: Current Concepts and Future Applications
Jeffrey W. Moses, MD, FSCAI
10:00 a.m. Challenging Valve-in-Valve Case
Ibrahim Kassas, MD
10:15 a.m. A Different Type of Rotaregret
Jorge Ramirez, MD
FRIDAY, APRIL 27 (CONTINUED)

11:00 a.m.–noon  Peripheral Interventions
Moderators: Mirvat Alasnag, MD, FSCAI; Ehrin J. Armstrong, MD, MSc, MAS, FSCAI
Panelists: J. Dawn Abbott, MD, FSCAI; Subhash Banieree, MD, FSCAI
11:00 a.m.  Keep Calm and Carry On, a Case of SFA Perforation
Guang Ming Tan, MD
11:15 a.m.  Peripheral Interventions Can Be a Proceduralist's Dream or Nightmare
Charles Beale, MD
11:30 a.m.  A New Guinness World Record: Longest Iatrogenic Thrombus
Emile Mehanna, MD
11:45 a.m.  Silent Renal Artery Perforation
Sunil Singh, MD
11:45 a.m.  12:15–1:15 p.m. Fellows Summit Lunch: Five Things I Wish I Did More of During Interventional Training and How to Manage Your Medical Legal IQ
Sponsored by ZOLL
1:30–3:30 p.m. Structural Interventions
Moderators: Jamar Abouialhosn, MD, FSCAI; Molly Szerlip, MD, FSCAI
Panelists: Stanley J. Chetcuti, MD, FSCAI; Duane S. Pinto, MD, MPH, FSCAI; Kimberly A. Skedding, MD, FSCAI
1:30 p.m.  Staying Classy in the Cath Lab
Daniel McNellon, MBBS
1:45 p.m.  Is There Enough Room? Re-Stenting the Atrial Septum
Ugonna Nwankwo, MD
2:00 p.m.  Percutaneous Closure of Regurgitant Aortic Valve After Insertion of Left Ventricular Assist Device
Anthony Main, MD
2:15 p.m.  A Strange Case of Perforation
Michene Pigh, MD
2:30 p.m.  Bioprosthetic Aortic Scallop Intentional Laceration to Prevent Latrogenic Coronary Artery Obstruction
Sunil Singh, MD
2:45 p.m.  Recycling of Regurgitant Blood: Management of Cardiogenic Shock Secondary to Torrntial AI in a Patient With LVAD
Aishtha Soohi, MD
3:00 p.m.  Complication After Complication—Will This Case Ever End? Nirmannoh Bhatia, MD
3:15 p.m.  Percutaneous Management of Acute, Severe AI
Vimalkumar Veerappan Kandasamy, MD
3:30–4:30 p.m. Meet the Experts Reception
SCAI thanks the following organization for its generous support of the Fellows Summit for Complex Cases Meet the Experts Reception: ZOLL.
### SATURDAY, APRIL 28 (continued)

**8:48 a.m.** | Crash and Burn: Hemodynamic Assessment of the Patient in Trouble  
David A. Baran, MD, FSCAI

**9:00 a.m.** | Hemodynamic Assessment of the Patient With Both AS and HOCM  
Srihari S. Naidu, MD, FSCAI

**9:12 a.m.** | Hole in My Heart: Assessment of the Adult With Congenital Heart Disease  
Evan Zahn, MD, FSCAI

**9:45–11:15 a.m.** | Interventional Heart Failure: Brave New World
Moderators: Srihari S. Naidu, MD, FSCAI

**9:45 a.m.** | Update on CRT for Reversal of Heart Failure: When and Why?  
Sei Iwai, MD

**9:57 a.m.** | Alcohol Septal Ablation and Surgical Myectomy: Should We Lower the Threshold?  
Srihari S. Naidu, MD, FSCAI

**10:09 a.m.** | Percutaneous Mitral Repair and Replacement: What Is the Data on Remodeling?  
Speaker TBD

**10:21 a.m.** | What Can We Do for Wide-Open TR?  
Sabal Kar, MD, FSCAI

**10:33 a.m.** | Renal Denervation to Reverse Diastolic Heart Failure: Can It Work?  
Amit P. Patel, MD, FSCAI

**10:45 a.m.** | TAVR for Aortic Regurgitation: Are We There Yet?  
Michael Mack, MD

**10:57 a.m.** | Interventional Heart Failure Fellowship Training: What Is It?  
David A. Baran, MD, FSCAI

**11:00 a.m.** | The Future of Treating Mitral Regurgitation: Surgical and Transcatheter Replacement Techniques  
Vinod H. Thourani, MD

**11:13 a.m.** | The Future of Treating Mitral Regurgitation: Surgical and Transcatheter Repair Techniques  
Ted E. Feldman, MD, FSCAI

**11:25 a.m.** | Panel Discussion With Mock Heart Team  
Case 1: Christian Shults, MD  
Case 2: Ted E. Feldman, MD, FSCAI

**11:58 a.m.** | Closing Remarks  
Morton J. Kern, MD, FSCAI; Vinod H. Thourani, MD

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**10:00 a.m.** | The Changing Management of AS: Which Patients Should Still Have Surgery in 2018?  
S. Chris Malaisrie, MD

**11:13 a.m.** | Cross-Training for TAVR: Is It Feasible?  
Mark Russo, MD  
Molly Szerlip, MD, FSCAI

**11:25 a.m.** | Panel Discussion With Mock Heart Team  
Case 1: Mark Russo, MD  
Case 2: Molly Szerlip, MD, FSCAI

**11:58 a.m.** | Closing Remarks  
Morton J. Kern, MD, FSCAI; Vinod H. Thourani, MD

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**11:00 a.m.–noon** | Aortic Valve Disease
Moderators: S. Chris Malaisrie, MD; William M. Suh, MD, FSCAI; Kenneth Rosenfield, MD; MHCD5, MSCAI
Panelists: Mark Russo, MD; Molly Szerlip, MD, FSCAI

**10:00 a.m.** | Patient Selection for Left Main Stenting: Who Should Have Surgery vs. PCI?  
Michael J. Lim, MD, FSCAI

**10:13 a.m.** | Hybrid CABG: Is It the Future?  
Joseph Denis, MD

**10:25 a.m.** | Panel Discussion With Mock Heart Team  
Case 1: Azeem Khan, MD  
Case 2: Michael J. Lim, MD, FSCAI
SCAI SCIENCE
ABSTRACT POSTER PRESENTATION SESSIONS
Location: Grand Hall
Abstracts will be displayed on paper posters in the Exhibit Hall per their assigned sessions. Abstracts are included in the SCAI 2018 abstract supplement of “Catheterization and Cardiovascular Interventions (CCI)” and can be accessed in the SCAI 2018 App. Attendees will have the opportunity to discuss abstracts with the presenters during the discussion times.

WEDNESDAY, APRIL 25

Poster Session I
Display
4:00–6:00 p.m.
- Acute Coronary Syndromes & MI, Thrombectomy, and Vulnerable Plaque
- Left Main & Multivessel Intervention
- Pharmacotherapy

Discussion
4:00–4:30 p.m.
Moderators: Jeffrey W. Chambers, MD, FSCAI; Sundeep Mishra, MD, DM, FSCAI
Poster Discussants: Waqar H. Ahmed, MD, MS, FSCAI; Salman A. Arain, MD, FSCAI; Konstantinos D. Boudoulas, MD, FSCAI; Somjot S. Brar, MD, MPH; Mark Chan, MD, MBBS, MHS, MMED, MRCP; Kevin J. Croce, MD, PhD; Farouc A. Jaffer, MD, PhD, FSCAI; Albert E. Raizner, MD, MScAI; Sreenivas Reddy, MD; Sheila Sahni, MD; Abdullah Shehab, MD, PhD, FSCAI

Poster Session II
Display
6:00–7:30 p.m.
- Complex PCI, Restenosis, Left Main, and Multivessel Intervention
- Imaging: CT, MR, and Noninvasive Imaging
- Intravascular Imaging (IVUS/OCT/NIR/Other) and Physiology (FFR/iFR/IMR/other)
- Stents (Including DES)
- Vascular Access and Arterial Closure Devices

Discussion
6:00–6:30 p.m.
Moderators: Ahmed Magdy, PhD, FSCAI; Barry F. Uretsky, MD, FSCAI
Poster Discussants: Owayed M. Al Shammeri, MD, MB, ChB; Omer Goktekin, MBBS, FSCAI; Rajiv Gulati, MD, PhD, FSCAI; Bashir Hanif, MD, FSCAI; Amir Kaki, MD, FSCAI; Mohammad I. Kundi, MBBS, FRCP, FSCAI; Kambis Mashayekhi, MD; Tanam Mohamed, MD, RPVI, FSCAI; Muhammad Munawar, MD, PhD, FSCAI; Sudhir Rathore, MBBS, MD

Poster sessions continued on next page

BEST-OF-THE-BEST CONGENITAL ABSTRACT PRESENTATIONS
Location: Seaport G
Thursday, April 26, 2:00–3:00 p.m.

CASES OVER COCKTAILS
Location: Grand Hall
Thursday, April 26, 5:30–6:30 p.m.
Join colleagues in the Exhibit Hall to review Coronary, Peripheral, and Structural cases presented by the experts.
Case Presenters: Oscar A. Mendiz, MD, FSCAI; Amir Kaki, MD, FSCAI; Ahmed Magdy, PhD, FSCAI

LATE-BREAKING CLINICAL SCIENCE PRESENTATIONS
Location: Seaport DE
Session 1: Thursday, April 26, 11:00 a.m.–noon
Session 2: Friday, April 27, 11:00 a.m.–noon

Physicians: Physicians should claim no more credits than those spent in the sessions attended.
Residents, Nurses, Techs, Fellows: Nurses and residents should claim no more credits than those spent in the sessions attended.
Industry Personnel: Industry personnel should claim no more credits than those spent in the sessions attended.

Physicians
Pharmacists
Nurses
Radiologic Technologists

ACCREDITATION
Physicians: CMEsolutions has given preliminary approval for 16.35 AMA credits. The Ophthalmology Division of CMEsolutions is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.
Pharmacists: This activity is eligible for APPE credit; see final CPE activity announcement for specific details.
Nurses: This activity has been submitted to the Western Multi-State Division for approval to award nursing contact hours. The Western Multi-State Division is accredited as an approved continuing nursing education provider by the American Nurses Credentialing Center’s Commission on Accreditation.
Radiologic Technologists: Category A+ CE credit is pending approval by the ASRT.

Physicians
Physicians should claim no more credits than those spent in the sessions attended.
Residents, Nurses, Techs, Fellows
Industry Personnel

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www.cvinnovations.org

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Subhash Banerjee, MD
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MEETING HIGHLIGHTS
150 world-class faculty • Procedure-related tips and tricks • Live case telescasts from around the world • Interactive talks, debates and workshops • Challenging case contest • Early career scholarships available • Industry exhibits • Poster presentations

TUITION RATES
Physicians $250
Residents, Nurses, Techs, Fellows $100
Industry Personnel $250
**RESEARCH PRESENTATIONS**

**THURSDAY, APRIL 26**

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<th>Poster Session III</th>
<th>Poster Session IV</th>
<th>Poster Session V</th>
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<tbody>
<tr>
<td>Display 10:00 a.m.–noon</td>
<td>Display 12:30–3:30 p.m.</td>
<td>Display 3:30–5:00 p.m.</td>
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<tr>
<td>• Valvular Interventions and Structural Heart Disease (Part 1)</td>
<td>• Endovascular and Peripheral Interventions (Including Neurovascular and Carotid)</td>
<td>• Angiogenesis, Myogenesis, Cell Therapy, and Gene Therapy</td>
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<tr>
<td>Discussion 10:30–11:00 a.m.</td>
<td>Discussion 3:00–3:30 p.m.</td>
<td>Discussion 5:00–5:30 p.m.</td>
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<tr>
<td>Moderators: Brijeshwar S. Maini, MD; Oscar A. Mendiz, MD, FSCAI</td>
<td>Moderators: Jianfang Luo, MD, FSCAI; Christopher J. White, MD, MSCE</td>
<td>Moderators: Lloyd W. Klein, MD, FSCAI; Daniel M. Kolansky, MD, FSCAI</td>
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<td>Poster Discussants: M. Chadi Alraies, MD; PNG; Saif Anwaruddin, MD; Anita W. Asgar, MD; Rodrigo Bagur, MD, PhD; Anthony A. Bavy, MD, MPH; Adrian K. Chhatriwalla, MD, FSCAI; Konstantinos Marmagkiolis, MD, FSCAI; Konstantinos Toutouzas, MD, PhD; Rajesh Vijayvergiya, MD, DM, FSCAI</td>
<td>Poster Discussants: Alex Abou-Chebl, MD; Mazen S. Abu-Fadel, MD, FSCAI; Elvin J. Armstrong, MD, MSC, MSc, FSCAI; Timothy C. Dy, MD, FSCAI; Mahir Elder, MD, FSCAI; James B. Froehlich, MD; Sameer Gupta, MD, FSCAI; Andrew J. Klein, MD, FSCAI; Le Van Truong, MD, PhD, FSCAI; Nguyen Q. Tuan, MD, PhD</td>
<td>Poster Discussants: Anil Dhall, MD, DM, FSCAI; James A. Goldstein, MD, FSCAI; Karon K. Ho, MD, MSc, FSCAI; Maureen B. Julien, PA, MSN, CRNP; Keshav R. Nayak, MD, FSCAI; John Peterson II, MD, MHS; Ryan R. Reeves, MD, S. Chiu Wong, MD, FSCAI; Eric H. Yang, MD, MBA; James P. Zidar, MD, FSCAI</td>
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**FRIDAY, APRIL 27**

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<th>Poster Session VI</th>
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<tr>
<td>Display 10:00 a.m.–noon</td>
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<tr>
<td>• Adult Congenital</td>
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<td>• Pediatric</td>
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<tr>
<td>Discussion 10:30–11:00 a.m.</td>
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<tr>
<td>Poster Discussants: Abhay A. Divekar, MD, FSCAI; Thomas E. Fagan, MD, FSCAI; Andrew C. Glatz, MD, MSCE; Bryan H. Goldstein, MD, FSCAI; Luke J. Lammers, MD, FSCAI; Kanishka Ratnayaka, MD; Sara M. Trucco, MD, FSCAI</td>
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THEATER PRESENTATIONS SCHEDULE
Located in the Exhibit Hall, SCAI Innovation Theater is the must-see venue for you to learn about the latest technologies and emerging therapies coming to the Interventional Community.

WEDNESDAY, APRIL 25
4:05 p.m. Presentation 1 HeartFlow
4:15 p.m. Presentation 2 Siemens
4:25 p.m. Presentation 3 Radius Medical

TECHNOLOGY PARADE
THURSDAY, APRIL 26
Technology Parade Session 1
10:30 a.m. Introduction
10:35 a.m. Presentation 1 Capture Vascular
10:45 a.m. Presentation 2 TherOx
10:55 a.m. Presentation 3 RenalGuard

Technology Parade Session 2
3:00 p.m. Introduction
3:05 p.m. Presentation 1 Genetesis
3:15 p.m. Presentation 2 ShockWave Medical
3:25 p.m. Presentation 3 Biotronik

Technology Parade Session 3
5:00 p.m. Introduction
5:05 p.m. Presentation 1 SentreHEART
5:15 p.m. Presentation 2 Vene Medical
5:25 p.m. Presentation 3 AMS

CABE CASES OVER COCKTAILS
Location: Grand Hall
THURSDAY, APRIL 26
5:30–6:30 p.m.
Join colleagues in the Exhibit Hall to review Coronary, Peripheral, and Structural cases presented by the experts.

EXHIBITOR INFORMATION
Abbott
Booth 305
www.abbott.com
At Abbott, we’re committed to helping people live their best life through the power of health. For more than 125 years, we’ve brought new technologies to the world—in nutrition, diagnostics, medical devices and branded generic pharmaceuticals—that create more possibilities for more people at all stages of life. www.abbott.com

American Board of Internal Medicine (ABIM)
Booth 702
www.abim.org
Certification by ABIM has meant that internists have demonstrated that they have the clinical judgment, skills and attitudes essential for the delivery of excellent patient care. ABIM is not a membership society, but a physician-led non-profit, independent evaluation organization with accountability to the profession of medicine and the public.

AngioDynamics
Booth 413
www.AngioDynamics.com
AngioDynamics is a leading provider of innovative, minimally invasive medical devices used by professional healthcare providers for vascular access, surgery, peripheral vascular disease and oncology. AngioDynamics’ diverse product lines include market-leading ablation systems, fluid management systems, vascular access products, angiographic products and accessories, angioplasty products, drainage products, thrombolytic products and venous products. More information is available at www.AngioDynamics.com.

Asahi Intecc USA, Inc.
Booth 510
www.asahi-intecc.com
Asahi Intecc is a medical device company focused on delivering clinically unique devices used in vascular procedures by interventional cardiologists, interventional radiologists, vascular surgeons and neurovascular surgeons. Asahi will leverage its four core competencies to develop device-based solutions targeting specific niches where Asahi can achieve a market leading position.

AstraZeneca
Booth 606
www.astrazeneca-us.com
AstraZeneca is a global, innovation-driven biopharmaceutical business that focuses on the discovery, development and commercialisation of prescription medicines, primarily for the treatment of cardiovascular, metabolic, respiratory, inflammation, autoimmune, oncology, infection and neuroscience diseases. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide.

B. Braun Interventional Systems
Booth 515
www.bisusa.org
B. Braun Interventional Systems offers state of the art Interventional devices designed and developed to provide innovative ways to add safety, efficiency, precision, and convenience to Interventional procedures. Our products have been developed in collaboration with, and in response to, the specific needs of physicians, technicians, and nurses in the areas of radiology, adult and pediatric cardiology, vascular and thoracic surgery, ultrasound, and specialty procedures. Our product portfolio consists of VenaTech Vena Cava Filters, CP Stents, BIIB Catheters, Diagnostic and Therapeutic Balloon Catheters, Inflation Devices and Accessories, Nit-Occluf PDA Occlusion Devices, ACCEL and Asept Fluid Drainage Products, Vascular Access Systems, and other Interventional Accessories.
**HCA Healthcare**

**Booth 109**

**www.practicewithus.com**

HCA owns and operates over 170 hospitals across the United States, which makes us one of the nation’s leading providers of healthcare services. We believe exceptional patient outcomes come only through a dedicated community of care, placing our physicians at the forefront.

**HeartFlow**

**Booth 207**

**www.heartflow.com**

HeartFlow is a medical technology company helping to transform the way cardiovascular disease is diagnosed and treated with the HeartFlow® FRFR® Analysis. Using data from a standard CT scan, the HeartFlow® Analysis creates a personalized 3D model of the coronary arteries and analyzes the impact that blockages have on blood flow. This non-invasive solution enables clinicians to evaluate whether an individual has significant coronary artery disease based on both anatomy and physiology. HeartFlow is commercially available in the United States, Canada, Europe and Japan.

**Inari Medical**

**Booth 211**

**www.inariMedical.com**

Inari Medical is an early-stage medical device company focused on venous thrombectomy. Our vision is to remove large clot burden from big vessels without the need for thrombolytic drugs.

**Intersocietal Accreditation Commission (IAC)**

**SCAI Lounge**

**www.intersocietal.org**

For more than 25 years, the IAC accreditation programs have been dedicated to ensuring quality patient care and promoting health care and all support one common mission: Improving health care through accreditation®. The IAC offers accreditation for vascular testing, echocardiography, nuclear/PET, MRI, CT, dental CT, cardiotest stenting, vein treatment and management, cardiac electrophysiology and cardiovascular catheterization. Learn about IAC at.

**Janssen Pharmaceuticals, Inc.**

**Booth 409**

**www.janssenpharmaceuticalsinc.com**

Janssen Pharmaceuticals, Inc., a pharmaceutical company of Johnson & Johnson, aims to create a world without disease. We bring together the best minds and the most promising science in areas of critical need. We collaborate with the world for the health of everyone in it.

**MAVIG GmbH**

**Booth 205**

**www.MAVIG.com**

MAVIG GmbH has been providing radiation protection since 1921. The overhead shield OTS4001 for femoral and radial access in combination with the proprietary drapes can reduce scatter by 90%. Please visit our booth to view other radiation protection products and accessories.

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**Booth 401**

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Patients are at the center of everything we do—and we believe medical technology can play an even greater role in improving people’s lives. Join us in our commitment to take healthcare further, together.

**Merit Medical Systems**

**Booth 209**

**www.merit.com**

Interventional Cardiology healthcare professionals rely on Merit Medical for our extensive portfolio of radial products—from set-up and access to hemostasis—we can help provide the right tools to streamline your radial procedures. In addition, we offer a renowned radial education program (THINKRADIAL) taught by the most respected radial faculty.

**Osprey Medical Inc.**

**Booth 405**

**www.ospreymed.com**

Osprey is focused on improving patients’ quality of life by protecting those with chronic kidney disease from contrast (dye) related Acute Kidney Injury. The Company’s DyenVert™ System is designed to reduce the amount of dye (contrast) injected during commonly performed heart and peripheral procedures.

**PERT Consortium**

**Booth 106**

**www.pertconsortium.org**

The Pulmonary Embolism Response Team (PERT) Consortium aims to coordinate and expedite the treatment of pulmonary embolus across multiple specialties. The PERT Consortium intends to guide and influence pulmonary embolism (PE) care and research in institutions across the U.S. and will be the driving force behind increased survival rates and the future of PE treatment. This multidisciplinary approach allows for: the rapid evaluation of risks, formulation of a treatment plan, and mobilization of the necessary resources to provide the highest level of care to those in need.

**Philips**

**Booth 200**

**www.philips.com/healthcare**

Royal Philips (NYSE: PHG, AEX: PHIA) is a leading health technology company focused on improving people’s health and enabling better outcomes across the health continuum. Philips leverages advanced technology and deep clinical and consumer insights to deliver integrated solutions. The company is a leader in imaging, image-guided therapy, patient monitoring and health informatics, as well as consumer health and home care. Learn more at www.philips.com/newscenter.

**Osprey Medical Solutions, Inc.**

**Booth 401**

**www.osprey-medical.com**

Osprey Medical is a global leader in the improved treatment of CI-AKI. RenalGuard is limited to the United States, Canada, Europe and Japan.

**Regeneron Healthcare Solutions**

**Booth 204**

**www.regeneron.com**

Founded on the principle that strong science will result in important new medicines, Regeneron is a fully-integrated biopharmaceutical company that discovers, develops, manufactures, and commercializes important new medicines that address serious medical conditions.

**RenaGuard Solutions, Inc.**

**Booth 100**

**www.renaGuard.com**

RenaGuard® protects at-risk patients from kidney damage caused by iodinated contrast, as demonstrated by studies comparing it to standard hydration. RenaGuard also reduced the incidence of AKI after TAVI, the need for dialysis, and may reduce the long-term impact of CI-AKI. RenaGuard is limited to investigational use in the U.S.
EXHIBITOR INFORMATION

SCAI Lounge
www.scai.org
The SCAI lounge is your one-stop shop for learning the benefits of becoming a member of SCAI, renewing your membership, recharging your devices and networking with industry partners. The SCAI lounge will also feature representatives from The Intersocietal Accreditation Commission (IAC), which accredits imaging facilities and hospitals specific to cardiovascular catheterization. IAC accreditation is a means by which facilities can evaluate and demonstrate the level of patient care they provide.

SCAI Professional Headshot Lounge
Booth 614
www.scai.org
We welcome all attendees to stop by the Headshot Lounge and take a professional headshot. A digital image will be available to attendees to use copyright free on their website, LinkedIn, and/or marketing pieces.

SentreHEART
Booth 609
www.sentreheart.com
SentreHEART® is manufacturer of the LARIAT® Suture Delivery Device currently being studied as part of the superiority designed aMAZE Trial. The trial is evaluating effectiveness of a combination of two non-surgical procedures—pulmonary vein isolation and left atrial appendage closure for atrial fibrillation. Clinicaltrials.gov identifier: NCT02513797; www.amazetrial.com.

TandemLife
Booth 600
www.tandemlife.com
TandemLife provides emergent cardiac and respiratory rescue for more patients in more places. The TandemLife family of temporary CPB support devices, provides a “Time to Decide” strategy with rapid device deployment to stabilize and support the patient, giving you time to diagnose and treat the underlying issue. Stop by the TL booth to see how our devices are delivering life support simplified.

Terumo Interventional Systems (TIS)
Booth 604
www.terumo.com
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TherOx, Inc.
Booth 102
www.therox.com/sso2/
TherOx is a medical device company based in Irvine, California, dedicated to elevating the standard of care for treatment of patients experiencing a heart attack through the delivery of Supersaturated Oxygen (SSO2) Therapy. SSO2 Therapy is a one-hour infusion of highly oxygen-enriched blood delivered via catheter to the coronary arteries following Percutaneous Coronary Intervention. SSO2 Therapy has been shown in randomized, controlled clinical trials to decrease the damage, or infarct size, caused by a heart attack.

Wolters Kluwer
Booth 615
www.wolkluwerhealth.com
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ZOLL Medical Corporation
Booth 306
www.zoll.com
ZOLL Medical Corporation develops and markets products for defibrillation and monitoring, circulation and CPR feedback, data management, fluid resuscitation, therapeutic temperature management, and ventilation. ZOLL provides a comprehensive set of technologies that help clinicians, EMS and fire professionals, and lay rescuers treat victims needing resuscitation and acute critical care.
TIME TO DECIDE™
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Friday, April 21 2017 | 12:15 - 1:15 PM | Room Harbor B - 3rd floor
http://tandemlife.com/cardiovascular/scai/life

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- Quality metrics
- Bundled payments
- New technology
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- Radiation safety
- Cath lab accreditation
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- First-Year Interventionalist Member* (online journal only) .................. $125 FREE
  - Significant percent of time performing catheterization and/or endovascular procedures
  - Interventional Training End Date: __________

- Fellow® (FSCAI) .............................................................. $730
  - A CV and a letter from a current FSCAI
  - A letter documenting the number of procedures performed and unrestricted cath lab privileges.
  - ABIM/AOBIM certified in interventional cardiology, one year in practice, and 100+ procedures post-training OFF.
  - Five years in practice and a combined total of 2,000+ diagnostic and/or interventional procedures (four years and 400+ for pediatric)

- Member* .................................................................................. $730
  - A CV and a letter documenting the cath lab privileges, the amount of time spent in a lab, and unrestricted privileges is required.

- Cardiovascular Professional Member ........................................ $125
  - The attestation to the right and a CV is required to complete application.

INTERNATIONAL APPLICANTS

- International Fellow (FSCAI)* .............................................. $415
  - A CV and a letter from a current FSCAI
  - A letter documenting the number of procedures performed and unrestricted cath lab privileges.
  - Five years in practice and a combined total of 2,000+ diagnostic and/or interventional procedures (four years and 400+ for pediatric)

- International Associate* (online journal only) ...................... $130
  - Current member of a non-U.S. interventional society
  - List Society: .................................................................
  - Signature: ...........................................................................

Cath Lab/Endovascular Lab Director Attestation of Experience*
- Physician Name (Last, First, MI): __________________________
  - Degree(s): __________________________
  - Phone: __________________________
  - Email: __________________________

- Fellowship in Training*
  - I hereby attest that the applicant listed above has had one year or more experience involved in the field of cardiovascular and/or endovascular angiography and/or interventions (including education) and spends greater than 75% of his/her time involved in any of those areas and is in good standing.
  - Date: __________
  - Signature: _____________________________________________

- Significant percent of time performing catheterization and/or endovascular procedures

- Interventional Training End Date: __________

PAYMENT INFORMATION

Total Amount Paid: $ __________________________
Check #: __________________________
(Checks should be made payable to SCAI)

Credit Card #: __________________________
Name on Card: __________________________
Exp. Date: __________________________
CVV #: __________________________

Address: __________________________
Phone: __________________________
Email: __________________________

I hereby consent to the release by any hospital, educational institution, governmental agency, physician, professional society, or other person processing or requiring the same whether or not listed above, of any and all information in any way pertaining to my personal character, training, experience, or professional competence.

I hereby release from any liability any and all individuals and organizations or their authorized representatives who provide this information in good faith and without malice subject to this consent.

I hereby release all from liability The Society for Cardiovascular Angiography and Interventions and any and all individuals for their acts performed in good faith and without malice in connection with evaluating my application and my credentials and qualifications.

I further certify that all information recorded on this application and any attached documents are accurate and I am in good standing.

I hereby agree that The Society for Cardiovascular Angiography and Interventions may verify any of the above data.

I hereby understand that my payment today is nonrefundable, to cover processing fees and immediate initiation of CCI Journal subscription.

Signature: __________________________
Date: __________

*SCAI staff will follow-up with you for missing documentation.

MEMBERSHIP TYPE

U.S. & CANADA APPLICANTS

Early Career
- Fellow-in-Training* (online journal only) ................................................... FREE
  - A CV and a letter from your program director
  - Enrolled in an interventional training program
  - Start Date: __________  End Date: __________
- First-Year Interventionalist Member* (online journal only) .................. $125 FREE
  - Significant percent of time performing catheterization and/or endovascular procedures
  - Interventional Training End Date: __________

- Fellow® (FSCAI) .............................................................. $730
  - A CV and a letter from a current FSCAI
  - A letter documenting the number of procedures performed and unrestricted cath lab privileges.
  - ABIM/AOBIM certified in interventional cardiology, one year in practice, and 100+ procedures post-training OFF.
  - Five years in practice and a combined total of 2,000+ diagnostic and/or interventional procedures (four years and 400+ for pediatric)

- Member* .................................................................................. $730
  - A CV and a letter documenting the cath lab privileges, the amount of time spent in a lab, and unrestricted privileges is required.

- Cardiovascular Professional Member ........................................ $125
  - The attestation to the right and a CV is required to complete application.

INTERNATIONAL APPLICANTS

- International Fellow (FSCAI)* .............................................. $415
  - A CV and a letter from a current FSCAI
  - A letter documenting the number of procedures performed and unrestricted cath lab privileges.
  - Five years in practice and a combined total of 2,000+ diagnostic and/or interventional procedures (four years and 400+ for pediatric)

- Member* .................................................................................. $730
  - A CV and a letter documenting the cath lab privileges, the amount of time spent in a lab, and unrestricted privileges is required.

- Cardiovascular Professional Member ........................................ $125
  - The attestation to the right and a CV is required to complete application.

Cath Lab/Endovascular Lab Director Attestation of Experience*
- Physician Name (Last, First, MI): __________________________
  - Degree(s): __________________________
  - Phone: __________________________
  - Email: __________________________

- Fellowship in Training*
  - I hereby attest that the applicant listed above has had one year or more experience involved in the field of cardiovascular and/or endovascular angiography and/or interventions (including education) and spends greater than 75% of his/her time involved in any of those areas and is in good standing.
  - Date: __________
  - Signature: _____________________________________________

- Significant percent of time performing catheterization and/or endovascular procedures

- Interventional Training End Date: __________

PAYMENT INFORMATION

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Phone: __________________________
Email: __________________________

I hereby consent to the release by any hospital, educational institution, governmental agency, physician, professional society, or other person processing or requiring the same whether or not listed above, of any and all information in any way pertaining to my personal character, training, experience, or professional competence.

I hereby release from any liability any and all individuals and organizations or their authorized representatives who provide this information in good faith and without malice subject to this consent.

I hereby release all from liability The Society for Cardiovascular Angiography and Interventions and any and all individuals for their acts performed in good faith and without malice in connection with evaluating my application and my credentials and qualifications.

I hereby certify that all information recorded on this application and any attached documents are accurate and I am in good standing.

I hereby agree that The Society for Cardiovascular Angiography and Interventions may verify any of the above data.

I hereby understand that my payment today is nonrefundable, to cover processing fees and immediate initiation of CCI Journal subscription.

Signature: __________________________
Date: __________

*SCAI staff will follow-up with you for missing documentation.
Hands-on Transseptal Skills Workshops

Wednesday, 1–3 p.m. and 4–6 p.m.
Thursday, 10 a.m.–noon.

Pre-registration is required for this program. Ticket holders must arrive within 5 minutes of scheduled time or we will release your reservation to someone on the waiting list.

Exhibit Hall

Need to get ready for the next wave of interventional procedures involving left atrial access such as transcatheter mitral valve repair, LAA closure, and mitral valvuloplasty? Don’t miss the SCAI Hands-on Transseptal Workshops.

Expert faculty will provide didactic tutorials, complemented by a 90-minute, hands-on workshop featuring simulators, wet models, and devices.

AGENDA

Tutorials
• Anatomy, Patient Selection, and Imaging
• Step-by-Step Look at Transseptal Techniques and Equipment

Hands-on-Training
• TEE Simulator (Heartworks)
• Wet Models
• Transseptal Toolbox: Needles, Wires, and Sheaths
• Transseptal Simulators (Simbionix and Mentice)

Sponsored by Baylis Medical, Boston Scientific, and Siemens

The Philips iFR modality
Proven outcomes. Superior value.

4500+ patients studied
DEFINE FLAIR and iFR Swedeheart

10% cost reduction per patient
$896 dollars saved (as compared to FFR)

Experience CoreVision iFR Co-registration and the Azurion system at booth #200


Products listed may not be available in all markets.

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COMMITTEE INFORMATION

SCAI Committee assignments for 2018–2019 have been made and committee members have been notified. Not all committees are meeting during Scientific Sessions. If you are interested in participating in ad-hoc volunteer projects throughout the year, please visit www.scai.org/About/Committees.aspx to complete an application.

Committee meetings are open to walk-in visitors who would like to learn more about SCAI.

WEDNESDAY, APRIL 25
9:00–10:00 a.m.  
Structural Heart Disease  
Harbor D
10:00–11:00 a.m.  
Advocacy Committee  
Harbor D
11:00–11:30 a.m.  
SCAI PAC  
Harbor D
4:00–5:30 p.m.  
CHD Council Meeting  
Harbor D

THURSDAY, APRIL 26
7:00–8:00 a.m.  
Publications Committee  
Gaslamp AB
10:30 a.m.–noon  
International Program Committee  
Gaslamp AB
1:00–2:00 p.m.  
Ischemic Heart Disease Council  
La Jolla B
2:00–3:00 p.m.  
Education Committee  
Gaslamp AB
3:00–3:30 p.m.  
PICES  
La Jolla B
3:00–4:00 p.m.  
Communications Committee  
Harbor D

FRIDAY, APRIL 27
7:00–8:00 a.m.  
Vascular Disease Council  
Harbor D
8:00–9:00 a.m.  
Vascular Working Group  
Harbor D
10:30 a.m.–noon  
Development Committee  
Harbor D
10:30 a.m.–noon  
Quality Improvement Committee  
Gaslamp CD
Noon–1:00 p.m.  
WIN Meeting  
Gaslamp AB
3:00–3:30 p.m.  
PICES  
La Jolla B

SATURDAY, APRIL 28
8:00–9:30 a.m.  
Program Committee  
Gaslamp AB

As of April 4, 2018.  
Schedule subject to change.
Better Together: Partnership in Action

Join us for these sessions as SCAI strengthens our connections and collaborations with our colleagues from multiple specialty societies.

Watch for joint programming with:
- American College of Cardiology (ACC)
- American Association for Thoracic Surgery (AATS)
- Asian Pacific Society of Interventional Cardiology (APSIC)
- Cardiovascular Research Foundation (CRF)
- Heart Failure Society of America (HFSA)

Melody™ Transcatheter Pulmonary Valve, Ensemble™ II Transcatheter Valve Delivery System

Important labeling information for the United States:
Indications: The Melody™ TPV is indicated for use in the management of pediatric and adult patients who have a clinical indication for transcatheter intervention on pulmonary valve annulus with a minimum annulus diameter of 16 mm. The Melody™ TPV is indicated for use when there is clinical indication for transcatheter intervention on pulmonary valve annulus with a minimum annulus diameter of 22 mm.

Contraindications:
- Known allergy to aspirin or heparin
- Clinical or biological signs of infection including active endocarditis
- Severe RVOT obstruction, which cannot be dilated by balloon
- RVOT unfavorable for good stent anchorage
- Venous anatomy unable to accommodate a 22 Fr introducer sheath
- Implantation of the TPV in the left heart
- Pregnancy

Potential Complications/Adverse Events:
- Potential procedural complications that may result from implantation of the Melody device include the following: penetration of the RVOT conduit, compression of a coronary artery, perforation of a major blood vessel, embolization or migration of the device, rupture of the RVOT conduit. The Melody TPV is indicated for use in patients with contra indications for open surgical replacement of the pulmonary valve.

Not intended to constitute medical advice or in any way replace the independent medical judgment of a trained and licensed healthcare professional with respect to any patient needs or circumstances. Melody TPV is not suitable for all patients and ease of use, outcomes, and performance may vary. See the Instructions for Use for indications, contraindications, precautions, warnings, and adverse events.

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UC2018B0306. EN 03/2018

Visit the Medtronic booth to learn more.
Innovation with Intent

At Terumo, we innovate with intent to achieve the best possible outcomes. Our uniquely engineered radial and femoral sheaths and closure devices push the boundaries in treatment regardless of the access site—reducing complications, improving procedural efficiencies, and increasing patient satisfaction.

FIND OUT MORE  Phone: 800.862.4143  terumois.com

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