Interventional Cardiology’s Premier Event

SCAI 2018
Scientific Sessions

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

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
- Customized clinical education
- Advanced instruction in simulated clinical settings

We empower you to do more. Do radial.

FIND OUT MORE  Phone: 800.862.4143  terumois.com

© 2017 Terumo Medical Corporation. All rights reserved. All brand names are trademarks or registered trademarks of Terumo. TIS-398-06062017/TJP
LEARN HOW ORBITAL AHERECTOMY 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

DIAMONDBACK 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.

VISIT BOOTH #407 TO SEE GLIDEASSIST IN ACTION

Indication: The Diamondback 360® Coronary Orbital 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; The OAS was only evaluated in severely calcified lesions, a temporary pacing lead may be necessary when treating lesions in the right coronary and circumflex arteries; 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. See the instructions for use before performing Diamondback 360 coronary orbital atherectomy procedures for detailed information regarding the procedure, indications, contraindications, warnings, precautions, and potential adverse events. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Diamondback 360®, CSI®, GlideAssist™, and ViperWire Advance® are trademarks of Cardiovascular Systems, Inc.

©2018 Cardiovascular Systems, Inc. EN-4838 0318
Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program and CME Oversight Committees</td>
<td>1</td>
</tr>
<tr>
<td>Keynote Speaker: Dr. Roberto Canessa</td>
<td>2</td>
</tr>
<tr>
<td>Featured Speakers</td>
<td>3</td>
</tr>
<tr>
<td>CME/MOC Information</td>
<td>6</td>
</tr>
<tr>
<td>Location, Hours, and Floorplan</td>
<td>7</td>
</tr>
<tr>
<td>Acknowledgements</td>
<td>8</td>
</tr>
<tr>
<td>Satellite Symposia</td>
<td>11</td>
</tr>
<tr>
<td>Faculty Listing</td>
<td>22</td>
</tr>
<tr>
<td>Schedule at a Glance by Track</td>
<td>28</td>
</tr>
<tr>
<td>Featured Session and Events</td>
<td>28</td>
</tr>
<tr>
<td>Coronary</td>
<td>38</td>
</tr>
<tr>
<td>Peripheral</td>
<td>44</td>
</tr>
<tr>
<td>Structural</td>
<td>48</td>
</tr>
<tr>
<td>Congenital</td>
<td>54</td>
</tr>
<tr>
<td>Cath Lab Boot Camp</td>
<td>58</td>
</tr>
<tr>
<td>Fellows Summit for Complex Cases</td>
<td>61</td>
</tr>
<tr>
<td>Saturday Sessions</td>
<td>63</td>
</tr>
<tr>
<td>SCAI Science</td>
<td>67</td>
</tr>
<tr>
<td>Exhibit Hall</td>
<td>69</td>
</tr>
<tr>
<td>Exhibitor Information</td>
<td>70</td>
</tr>
<tr>
<td>Committee Information</td>
<td>82</td>
</tr>
</tbody>
</table>

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

WiFi ACCESS

Network Name: SCAI2018
Password: SCAI2018

DON’T GET LOST IN THE CROWD
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.
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 Hildner Lecture immediately follows, featuring a presentation by Anthony DeMaria, MD. On Thursday morning, Roxana Mehran, MD, MSCAI, will present the Founders’ Lecture on the evidence-based science behind interventional cardiology.

Whether you are new to SCAI, or a longtime 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.

Look for three new Wednesday morning sessions focused on the advanced techniques, tips and tricks, and tools required for optimal outcomes.

- Complex and High-Risk Interventional Procedures (CHIP)
- Structural Heart Interventions: Advanced Techniques
- SCAI Complex Peripheral Vascular Interventions (SCAI-CPVI) Summit.

The all-new Innovations in Cardiovascular Interventions and Technology Summit is a must-attend session for those who want to stay on top of their specialty. Hosted in partnership with Innovations in Cardiovascular Interventions (ICI Israel), the program focuses on rapidly evolving medical advances, new technologies, and strategies for medical device innovation.

With 12 Live Cases throughout Scientific Sessions, you’ll be captivated watching operators from HonorHealth Heart Group, University of Washington Medical Center, Minneapolis Heart Institute, Northwell Health—NorthShore University Hospital, University of California, San Diego Sulpizio Cardiovascular Center, and Henry Ford Hospital. Interactive panels further the experience while you learn clinical decision-making skills and tips to improve your techniques.

The Congenital Heart Disease program features the annual Mullins Lecture, this year presented by Jacqueline Kreutzer, MD, FSCAI, and compelling topics such as pulmonary vein stenosis, transcatheter pulmonary valve replacement, transseptal puncture, 3-D imaging, and the ever-popular I Blew It session. Join us Friday for an Adult Congenital and TAVR Live Case and for Learning From Each Other, a combined Congenital Heart Disease and Structural Heart Disease Session.

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, MSCAI; our Member and FSCAI Induction Ceremony; and a Keynote Address from Roberto Canessa, MD, author of “I Had to Survive: How a Plane Crash in the Andes Inspired My Calling to Save Lives.” His hope and determination under the most extreme conditions served as the foundation for his lifelong career as a pediatric cardiologist.

And finally, we are grateful to our esteemed faculty who dedicated a tremendous amount of time and energy to help us prepare a dynamic program for you!

We hope you have a great time connecting with your colleagues from around the world and enjoy your visit in San Diego.

Have a great time!
Program Committee

Ehtisham Mahmud, MD, FSCAI
Program Chair
San Diego, California

Lee N. Benson, MD, FSCAI
Congenital Heart Disease Co-Chair
Toronto, Canada

David G. Rizik, MD, FSCAI
Live Cases Track Director
Scottsdale, Arizona

Sunil V. Rao, MD, FSCAI
Program Co-Chair
Durham, North Carolina

Dmitriy N. Feldman, MD, FSCAI
Coronary Track Director
New York, New York

Duane S. Pinto, MD, MPH, FSCAI
Fellows Summit for Complex Cases Chair
Boston, Massachusetts

Emmanouil S. Brilakis, MD, PhD, FSCAI
Program Co-Chair
Minneapolis, Minnesota

Herbert D. Aronow, MD, FSCAI
Peripheral Track Director
Providence, Rhode Island

Manish A. Parikh, MD, FSCAI
Fellows Summit for Complex Cases Co-Chair
New York, New York

Dennis W. Kim, MD, PhD, FSCAI
Congenital Heart Disease Chair
Atlanta, Georgia

Kreton Mavromatis, MD, FSCAI
Structural Track Director
Decatur, Georgia

J. Dawn Abbott, MD, FSCAI
Fellows Summit for Complex Cases Co-Chair
Providence, Rhode Island

John W. Moore, MD, MPH, FSCAI
Congenital Heart Disease Co-Chair
San Diego, California

Daniel M. Kolansky, MD, FSCAI
Cath Lab Boot Camp Track Director
Philadelphia, Pennsylvania

CME Oversight Committee

John P. Breinholt III, MD, FSCAI, Chair, Houston, Texas
Kalkidan Bishu, MD, MS, FSCAI
Duluth, Minnesota

Rajiv Jauhar, MD, FSCAI
Manhasset, New York

Andres Mauricio Pineda
Maldonado, MD, FSCAI
Miami Beach, Florida

Ronnie Ramadan, MD, FSCAI
Chair, Boston, Massachusetts
Brian Boe, MD
Columbus, Ohio

Jooby John, MD, FSCAI
Kissimmee, Florida

Jason M. Ricci, MD, FSCAI
Petroskey, Michigan

Islam Abudayyeh, MD, FSCAI
Loma Linda, California
Calvin Choi, MD, MS, FSCAI
Gainesville, Florida

Prashanth Katrpati, MD
Kansas City, Kansas

Rizwan Sardar, MD
Canton, Ohio

David Ain, MD, FSCAI
Washington, District of Columbia
Eric S. Y. Chong, MBBS, FSCAI
Jurong, Singapore

Todd Kiefer, MD
Durham, North Carolina

Nassir A. Azimi, MD, FSCAI
La Mesa, California
Babu Ezhumalai, MBBS, MD, DM, FNB, FSCAI
Chennai, India

Shahab Moossavi, MD
Concord, New Hampshire

Juan Carlos Becerra-Martinez, MD, FACC, FESC
Guadalajara, Mexico
Sheryl Forrester, RN, BSN, RCIS
Louisville, Kentucky

Muhammad Nasir Rahman, MBBS, FCP5, FCP5, FSCAI
Karachi, Pakistan

Lee N. Benson, MD, FSCAI
Congenital Heart Disease Co-Chair
Toronto, Canada

Rajiv Jauhar, MD, FSCAI
Manhasset, New York

Andres Mauricio Pineda
Maldonado, MD, FSCAI
Miami Beach, Florida

Duane S. Pinto, MD, MPH, FSCAI
Fellows Summit for Complex Cases Chair
Boston, Massachusetts

Manish A. Parikh, MD, FSCAI
Fellows Summit for Complex Cases Co-Chair
New York, New York

J. Dawn Abbott, MD, FSCAI
Fellows Summit for Complex Cases Co-Chair
Providence, Rhode Island

Emmanouil S. Brilakis, MD, PhD, FSCAI
Program Co-Chair
Minneapolis, Minnesota

Herbert D. Aronow, MD, FSCAI
Peripheral Track Director
Providence, Rhode Island

Kreton Mavromatis, MD, FSCAI
Structural Track Director
Decatur, Georgia

J. Dawn Abbott, MD, FSCAI
Fellows Summit for Complex Cases Co-Chair
Providence, Rhode Island

Dennis W. Kim, MD, PhD, FSCAI
Congenital Heart Disease Chair
Atlanta, Georgia

Kreton Mavromatis, MD, FSCAI
Structural Track Director
Decatur, Georgia

Daniel M. Kolansky, MD, FSCAI
Cath Lab Boot Camp Track Director
Philadelphia, Pennsylvania

CME Oversight Committee

John P. Breinholt III, MD, FSCAI, Chair, Houston, Texas
Kalkidan Bishu, MD, MS, FSCAI
Duluth, Minnesota

Rajiv Jauhar, MD, FSCAI
Manhasset, New York

Andres Mauricio Pineda
Maldonado, MD, FSCAI
Miami Beach, Florida

Ronnie Ramadan, MD, FSCAI
Chair, Boston, Massachusetts
Brian Boe, MD
Columbus, Ohio

Jooby John, MD, FSCAI
Kissimmee, Florida

Jason M. Ricci, MD, FSCAI
Petroskey, Michigan

Islam Abudayyeh, MD, FSCAI
Loma Linda, California
Calvin Choi, MD, MS, FSCAI
Gainesville, Florida

Prashanth Katrpati, MD
Kansas City, Kansas

Rizwan Sardar, MD
Canton, Ohio

David Ain, MD, FSCAI
Washington, District of Columbia
Eric S. Y. Chong, MBBS, FSCAI
Jurong, Singapore

Todd Kiefer, MD
Durham, North Carolina

Nassir A. Azimi, MD, FSCAI
La Mesa, California
Babu Ezhumalai, MBBS, MD, DM, FNB, FSCAI
Chennai, India

Shahab Moossavi, MD
Concord, New Hampshire

Juan Carlos Becerra-Martinez, MD, FACC, FESC
Guadalajara, Mexico
Sheryl Forrester, RN, BSN, RCIS
Louisville, Kentucky

Muhammad Nasir Rahman, MBBS, FCP5, FCP5, FSCAI
Karachi, Pakistan

Lee N. Benson, MD, FSCAI
Congenital Heart Disease Co-Chair
Toronto, Canada

Rajiv Jauhar, MD, FSCAI
Manhasset, New York

Andres Mauricio Pineda
Maldonado, MD, FSCAI
Miami Beach, Florida

Duane S. Pinto, MD, MPH, FSCAI
Fellows Summit for Complex Cases Chair
Boston, Massachusetts

Manish A. Parikh, MD, FSCAI
Fellows Summit for Complex Cases Co-Chair
New York, New York

J. Dawn Abbott, MD, FSCAI
Fellows Summit for Complex Cases Co-Chair
Providence, Rhode Island
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 My Calling 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 Diseases.

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
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 Gruentzig, 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.
The Resolute Onyx™ 2.0 mm DES Sizes.

Now FDA Approved.

- The lowest crossing profile for superior deliverability¹
- Engineered to expand from 2.0 mm to 3.25 mm²
- Proven clinical performance in small vessels³

Visit the Medtronic booth to learn more.

©2018 Medtronic. All rights reserved. UC201809750-01 EN 03/2018
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!
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). The American Osteopathic Association (AOA) awards Category 2-A Credit(s) for formal educational programs that are ACCME-accredited.

• 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). 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.

as of March 29, 2018
LOCATION AND HOURS

Registration Hours (Grand Hall Lobby, Level 1):
Tuesday, April 24  3:00–7:00 p.m.
Wednesday, April 25  7:00 a.m.–6:30 p.m.
Thursday, April 26  7:00 a.m.–5:00 p.m.

Speaker Ready Room (Harbor E, Level 2):
Tuesday, April 24  3:00–6:00 p.m.
Wednesday, April 25  6:00 a.m.–7:00 p.m.
Thursday, April 26  6:00 a.m.–7:00 p.m.
Friday, April 27  6:00 a.m.–6:00 p.m.

Exhibit Hall (Grand Hall, Level 1):
Wednesday, April 25  1:00–7:30 p.m.
Thursday, April 26  10:00 a.m.–6:30 p.m.

Faculty Lounge (Grand Hall, Level 1):
Wednesday, April 25  7:00 a.m.–7:30 p.m.
Thursday, April 26  7:00 a.m.–6:00 p.m.
Friday, April 27  7:00 a.m.–1:30 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
ACKNOWLEDGMENTS

SCAI expresses deep appreciation for the generous educational grant support from the organizations below for the SCAI 2018 Scientific Sessions while taking sole responsibility for all content developed and disseminated through this event.

PLATINUM
- Abbott
- Boston Scientific
- Medtronic

GOLD
- AstraZeneca
- Edwards Lifesciences

SILVER
- Abiomed
- Chiesi
- Cook Medical
- Cordis, A Cardinal Health Company
  - Merit Medical
  - Philips
- Terumo Interventional Systems
- W. L. Gore & Associates

List as of April 18, 2018

SCAI thanks the following organizations for their generous support of the SCAI Global Case-Based Leadership Summit—Complex Interventions Without Borders:
- Boston Scientific’s EDUCARE Global Professional Education Initiative

SCAI thanks the following organizations for their generous sponsorship of the Fellows Summit for Complex Cases at SCAI 2018:

Platinum Sponsor:
- ZOLL

Silver Sponsors:
- Cardiovascular Systems, Inc.
- Medtronic

SCAI thanks the following organizations for their generous educational grant support of the Hands-on Transseptal Workshops at SCAI 2018:
- Baylis Medical
- Boston Scientific
- Siemens

SCAI thanks the following organizations for their generous support of:
- IC-CATARACT Eye Exams: Dallas VA Research Corporation
- SCAI-TV: Medtronic
- SCAI 2018 Mobile App: Medtronic
- Wi-Fi: Medtronic
- Hotel Key Cards: Abbott
- Lanyards: Edwards Lifesciences
- Escalator Clings: W. L. Gore & Associates
- Highboy Table Clings: W. L. Gore & Associates
- Highboy Table Clings: Boston Scientific
- Coffee Sleeves: Boston Scientific
- Coffee Sleeves: AngioDynamics

List as of April 18, 2018
YOU CAN’T BEAT ZERO

ABSORB II¹
Complex Lesions
n=501

ABSORB CHINA²
Complex Lesions
n=475

STOPDAPT³
3-Month DAPT
n=1,519

TWENTE⁴
Real-World Patients
n=1,391

PLATINUM PLUS⁵
Real-World Patients
n=2,985

See Important Safety Information on Page XX.


ARC Definite/Probable Stent Thrombosis definition used for ABSORB II, ABSORB CHINA, PLATINUM PLUS. ARC Definite Stent Thrombosis definition used for STOPDAPT and TWENTE.

INDICATIONS
The XIENCE Family of Everolimus Eluting Coronary Stent Systems are indicated for improving coronary luminal diameter in patients, including those with diabetes mellitus, with symptomatic heart disease due to de novo native coronary artery lesions for XIENCE V (length ≤ 28 mm), XIENCE PRIME, XIENCE Xpedition and XIENCE Alpine (lengths ≤ 32 mm) with reference vessel diameters of ≥ 2.25 mm to ≤ 4.25 mm. Additionally, the entire XIENCE Family is indicated for treating de novo chronic total coronary occlusions.

Learn more about XIENCE at xienceproof.com/us
The XIENCE V, XIENCE Prime, XIENCE Prime® LL, Xience Xpedition® SV and Xience Xpedition® LL, XIENCE Alpine™ (XIENCE Family) of Everolimus Eluting Coronary Stents on the MULTI-LINK VISION® or MULTI-LINK MINI VISION® Delivery Systems

INDICATIONS

The XIENCE Family of stents are contraindicated for use in patients:

- Patients with prior target lesion or in-stent restenosis related brachytherapy, patients
- A patient’s exposure to drug and polymer is proportional to the number and total
- Orally administered everolimus combined with cyclosporine is associated with
- Compared to use within the specified Indications for Use, the use of DES in patients
- Stent thrombosis is a low-frequency event that is frequently associated with
- Care should be taken to control the guiding catheter tip during stent delivery,
- Subsequent restenosis may require repeat dilatation of the arterial segment
- This product should not be used in patients who are not likely to comply with the

CONTRAINDICATIONS

The XIENCE Family of stents is contraindicated for use in patients:

- Who cannot receive antiplatelet and/or anti-coagulant therapy
- With lesions that prevent complete angioplasty balloon inflation or proper placement
- Or with hypersensitivity or contraindication to everolimus or structurally-related
- Compounds, cobalt, chromium, nickel, tungsten, acrylic, and/or fluoropolymers.

WARNINGS

- Ensure that the inner package sterile barrier has not been opened or damaged prior
- Judicious patient selection is necessary because the use of this device carries the
- This product should not be used in patients who are not likely to comply with the

PRECAUTIONS

- Stent implantation should only be performed by physicians who have received
- Stent placement should be performed at hospitals where emergency coronary artery
- Bypass graft surgery is accessible.
- Subsequent restenosis may require repeat dilatation of the arterial segment
- Containing the stent. Long-term outcomes following repeat dilatation of the stent are
- Risks and benefits should be considered in patients with severe contrast agent
- Allergies.
- Care should be taken to control the guiding catheter tip during stent delivery,
- 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.
- Stent thrombosis is a low-frequency event that is frequently associated with
- Myocardial infarction (MI) or death.
- When DES are used outside the specified Indications for Use, patient outcomes may
- Differ from the results observed in the SPIRIT family of trials.
- Compared to use within the specified Indications for Use, the use of DES in patients
- And lesions outside of the labeled indications may have an increased risk of adverse
- Events, including stent thrombosis, stent embolization, MI, or death.
- Orally administered everolimus combined with cyclosporine is associated with
- Increased serum cholesterol and triglycerides levels.
- A patient’s exposure to drug and polymer is proportional to the number and total
- Length of implanted stents. See Instructions for Use for current data on multiple stent
- Implantation.
- Safety and effectiveness of the XIENCE Family of stents have not been established
- For subject populations with the following clinical settings:
- Patients with prior target lesion or in-stent restenosis related brachytherapy, patients
- In whom mechanical atherectomy devices or laser angioplasty catheters are used
- In conjunction with XIENCE Family stents, women who are pregnant or lactating,
- Men intending to father children, pediatric patients, unresolved vessel thrombus at
- The lesion site, coronary artery reference vessel diameters < 2.25 mm or > 4.25 mm

Cautions: This product is intended for use by or under the direction of a physician. Prior to use, reference the Instructions for Use provided inside the product carton (when available). at eifu.

Abbott
3200 Lakeside Dr., Santa Clara, CA 95054 USA, Tel: 1.800.227.9902
©2018 Abbott. All rights reserved. AP2945241-US Rev. A

POTENTIAL ADVERSE EVENTS

Adverse events (in alphabetical order) which may be associated with percutaneous coronary and treatment procedure including coronary stent use in native coronary arteries include, but are not limited to:

- Abdominal pain (including upper abdominal pain); Anemia; Angioedema; Anorexia;
- Asthenia; Constipation; Cough; Delayed wound healing; fluid accumulation;
- Diarrhea; Dyslipidemia (including hyperlipidemia and hypercholesterolemia);
- Dyspepsia; Dysgeusia; Dyspepsia; Dysuria; Dry skin; Edema (peripheral); Epistaxis;
- Fatigue; Headache; Hematuria; Hyperglycemia (may include new onset of diabetes);
- Hyperlipidemia; Hypokalemia; Hypertension; Hypomagnesemia; Hypophosphatemia;
- Increased serum creatinine; Infections and serious infections: bacterial, viral, fungal, and protozoal infections (may include herpes virus infection, polypoma virus infection which may be associated with BK virus associated nephropathy, and/or other opportunistic infections); Insomnia; Interaction with strong inhibitors and inducers of CYP3A4 or P450: Leukopenia; Lymphoma and other malignancies (including skin cancer); Male infertility (azospermia and/or oligospermia); Mucosal inflammation (including oral ulceration and oral mucositis);
- Nausea; Neutropenia; Non-infectious pneumonitis; Puff: extremity, incision site and procedural, back, chest, and musculoskeletal; Proteinuria; Pruritus; Pyrexia; Rash;
- Stomatitis; Thrombocytopenia; Thrombotic microangiopathy (TMA)/Thrombotic thrombocytopenic purpura (TTP)/Hemolytic uremic syndrome (HUS); Tremor;
- Urinary tract infection; Upper respiratory tract infection; Vomiting
- Live vaccines should be avoided and close contact with those that have had live vaccines should be avoided. Fetal harm can occur when administered to a pregnant woman. There may be other potential adverse events that are unforeseen at this time.
SATELLITE SYMPOSIA

Events are open to all attendees unless otherwise noted. View full program details in the SCAI 2018 App or the SCAI 2018 Satellite Events booklet.

Register for SCAI-sponsored satellites at www.scai.org/satellites or the registration desk.

WEDNESDAY, APRIL 25

7:00–11:00 a.m. (Half-Day Session)
All Access: Critical Skills for Advanced Interventional Operators
Sponsored by Abiomed in partnership with Abbott Vascular, Fujifilm SonoSite, and Essential Medical

11:15 a.m.–12:15 p.m. (Lunch)
TAVR 2.0: The Future Is Now
Sponsored by SCAI
Supported through an educational grant from Platinum Supporter Edwards Lifesciences

11:15 a.m.–12:15 p.m. (Lunch)
Advancing Complex Coronary Expertise With Orbital Atherectomy
Sponsored by Cardiovascular Systems, Inc

7:30–9:00 p.m. (Dinner)
PFO Closure: Addressing the Unmet Need for Reducing the Risk of Recurrent Ischemic Stroke
Sponsored by Abbott

7:30–9:00 p.m. (Dinner)
Same Day Discharge: Are You Ready?
Sponsored by Terumo

7:30–9:30 p.m. (Dinner)
SCAI CPVI: A Case-Based Review of Advanced CLI Techniques
Sponsored by SCAI
Supported through educational grants from Gold Supporters Abbott and Philips and Bronze Supporters Cardiovascular Systems, Inc., and Terumo

THURSDAY, APRIL 26

6:30–7:45 a.m. (Breakfast)
Beyond Implantation: Make Your TAVR Program Grow and Endure
Sponsored by Cardiovascular Research Foundation
Supported by an educational grant from Medtronic

6:30–7:45 a.m. (Breakfast)
Guidewire Design and Selection: A User’s Guide
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Abbott, Boston Scientific, and Medtronic

6:30–7:45 a.m. (Breakfast)
The Role of Artificial Intelligence in Advanced Cardiovascular Imaging
Sponsored by Siemens
12:15–1:15 p.m. (Lunch)
Percutaneous Mitral Repair: Perfecting an Established Procedure and Future Directions
Sponsored by SCAI
Supported through an educational grant from Platinum Supporter Abbott

12:15–1:15 p.m. (Lunch)
SCAI CPVI: SFA State-of-the-Art Treatment Strategies
Sponsored by SCAI
Supported through educational grants from Gold Supporters Abbott and Philips and Bronze Supporters Cardiovascular Systems, Inc., and Terumo

12:15–1:15 p.m. (Lunch)
Changing Course With Anticoagulation in Secondary Prevention of CAD
Sponsored by Medtelligence
Supported through an educational grant from Janssen

12:15–1:15 p.m. (Lunch)
Creating Structural Heart Centers of Excellence: How to Manage Patients With Non-Valvular AFib, Aortic Stenosis, and Mitral Regurgitation
Sponsored by Boston Scientific

12:15–1:15 p.m. (Lunch)
Trans Radial Approach: Cordis and EluNIR™ DES, Advancing Complex Interventions
Sponsored by Cordis

6:30–8:00 p.m. (Dinner)
Optimizing Care with CorPath GRX: Hot Topics in Robotic Interventions
Sponsored by Corindus

6:30–8:00 p.m. (Dinner)
Right Place, Right Time, Right Tool: Coronary Physiology for 2018
Sponsored by Opsens

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

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
SCAI SHOCK:  
A Team-Based Course on  
Cardiogenic Shock

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

Srihari Naidu, MD, FSCAI  
Co-Chair  
Westchester Medical Center/New York Medical College

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  
Abiomed

SILVER SUPPORTERS  
Getinge  
TandemLife
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:  

*Sponsored by SCAI. Supported through educational grants from [Platinum Supporters Abbott and Philips].*

**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.™
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


Sponsored by SCAI. Supported through an educational grant from Platinum Supporter Edwards Lifesciences.

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.™
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. Giri, MD, MPH, FSCAI
- **Case 2: Highlighting Crossing CTOs**
  Douglas E. Drachman, MD, FSCAI
- **Debulking 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**

**Registration Information**

To register for this event, please visit:

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

**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.™
With more than 60,000 cases conducted worldwide, now is the opportune time to examine what our community has learned, including which patients will benefit the most, registry reporting requirements and quality metrics, and the crucial role of imaging before and after the procedure.

Agenda

- **MitraClip After 60,000 Cases Worldwide: What Have We Learned About Whom to Treat?**
  Ted E. Feldman, MD, MSCAI

- **MitraClip Outcomes in the Transcatheter Valvular Therapy (TVT) Registry**
  Saibal Kar, MD, FSCAI

- **Functional MR: Unmet Need and Unmet Evidence Base—The Status of Ongoing Trials**
  Sammy Elmariah, MD, MPH, FSCAI

- **Catheter-Based Mitral Valve Replacement: The Answer to All Problems**
  Brian K. Whisenant, MD, FSCAI

Registration Information


*Sponsored by SCAI. Supported through an educational grant from Platinum Supporter Abbott.*

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.™
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. Parikh, 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?**
  Dmitriy N. Feldman, MD, FSCAI

- **What Role Should Imaging Play?**
  Ehrin J. Armstrong, MD, FSCAI

- **Audience Questions and Answers**

**Registration Information**


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

**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™.
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)
  Perwaiz 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

Registration Information

Sponsored by SCAI. Supported through an educational grant from Platinum Supporter Medtronic.

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.™
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.

Women in Interventional Cardiology Dinner and Keynote Address sponsored by AstraZeneca
Reception sponsored by Abbott
## 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**

**7:15 a.m.**  Breakfast

**7:30 a.m.**  Welcome and Introductions

*Kimberly Skelding, MD, FSCAI*

**7:40 a.m.**  Women and Interventional Cardiology: Past, Present and Future

*Bonne Weiner, MD, MSCAI*

**7:55 a.m.**  Crazy Busy: How to Work Towards a Work/Life Balance

*Kimberly Skelding, MD, FSCAI*

**8:15 a.m.**  Financial Planning: What We Don’t Discuss at Cardiology Meetings but Should

*Bonne Weiner, MD, MSCAI*

**8:35 a.m.**  Valvular Heart Disease: Which Patients Are We Getting to Treatment and When Are We Missing the Boat?

• Eligible Patients
• Under-Treated Groups
• Opportunities
• Questions and Answers

*Molly Szerlip, MD, FSCAI*

**8:55 a.m.**  Structural Dilemma: Low Flow Low Gradient: To Treat or Not to Treat?

*Anita Asgar, MD*

**9:05 a.m.**  Structural Cases

*Wah Wah Htun, MD; Jacqueline Saw, MD, FSCAI; Puja Parikh, MD, FSCAI*

**9:50 a.m.**  Complex Coronary Interventions—The How and Why

• CTO (10 min)—*Sheila Sahni, MD, FSCAI*
• Hemodynamic Support (10 min)—*Kusum Lata, MD, FSCAI*
• LM and Bifurcations (10 min)—*Katrine Zhiroff, MD, FSCAI*
• Questions and Answers

**10:25 a.m.**  Coffee Break

**10:30 a.m.**  Coronary Cases

*Jaya Mallidi, MD; Kyriaki Poupouridis, MD, FSCAI; Claudia Serrano, MD*

**11:15 a.m.**  Why I Chose to Excel at Structural Heart Interventions and How I Did It

*Anita Asgar, MD*

**11:30 a.m.**  Why I Chose to Excel at CTO and How I Did It

*Arasi Maran, MD*

**11:45 a.m.**  Questions and Answers

**12:05 p.m.**  Let’s Talk About Radiation Risk and Pregnancy

*Patricia Best, MD, FSCAI*

**12:20 p.m.**  Lunch—Ascending the Ladder: Five Keys to a Successful Career in Interventional Cardiology (Expert Leadership Panel)

*J. Dawn Abbott, MD, FSCAI; Sophia Elissa Altin MD; Alexandra J. Lansky, MD, FSCAI; Binita Shah, MD, FSCAI; Leslie A. Webb, MD*

**1:10 p.m.**  Breakout Panel Discussions—Ascending the Ladder: Designing Your Professional Development Plan

*All Faculty*

**1:55 p.m.**  TRAnsition for VALUE—The Economics of TRA

• How to Start a TRA Program
• How to Go From Good to Great

*Christina Economides, MD, FSCAI; Binita Shah, MD, FSCAI*

**2:15 p.m.**  How to Engage Media to Raise Your Public Profile

*Shelley Wood, Managing Editor, TCTMD*

**2:30 p.m.**  What Is an OBL and Should I Start One?

*Kim Skelding, MD, FSCAI*

**2:45 p.m.**  Stent and Pharmacological Updates

• Device Advances
• Length of DAPT
• What’s Coming Next

*Cindy Grines, MD, FSCAI; Kyriaki Poupouridis, MD*

**3:05 p.m.**  Gender Based Therapies

• Access and Bleeding Strategies to Lower Risk
• What Is New on the Horizon
• Endothelial Testing & Treatment

*Alexandra J. Lansky, MD, FSCAI*

**3:20 p.m.**  Diagnostic and Therapeutic Dilemmas

• Below the Knee: Diagnosis and Treatment—*Sasanka Jayasuriya, MD, FSCAI*
• Mechanical and Pharmacologic Decisions—*Patricia Best, MD, FSCAI*

**3:50 p.m.**  Coffee Break

**4:05 p.m.**  Next Generation of Female Interventionalists: How Can We Increase the Pipeline?

*Christina Economides, MD, FSCAI; Katrine Zhiroff, MD, FSCAI*

**4:30 p.m.**  Closing Remarks, Evaluations

**4:45 p.m.**  Adjourn
FACULTY (USA)

J. Dawn Abbott, MD, FSCAI
Providence, Rhode Island

Alex Abou-Chebl, MD
Louisville, Kentucky

Jamil Aboul-Hosn, MD, FSCAI
Los Angeles, California

Mazen S. Abu-Fadel, MD, FSCAI
Oklahoma City, Oklahoma

Varun Aggarwal, MD
Houston, Texas

Khaldoon Alaswad, MD, FSCAI
Detroit, Michigan

Osamah Aldoss, MD, FSCAI
Iowa City, Iowa

Wisam Z. Alfay, MD
Philadelphia, Pennsylvania

Ziad Ali, MD, PhD
New York, New York

M. Chadi Alraies, MD, MPH
New York, New York

Amit P. Amin, MD
Winston-Salem, North Carolina

Zahid C. Amin, MD, FSCAI
Augusta, Georgia

H.V. Anderson, MD, FSCAI
Houston, Texas

Lawrence Ang, MD, FSCAI
La Jolla, California

Saif Anwaruddin, MD
Philadelphia, Pennsylvania

Robert J. Applegate, MD, MSCAI
Winston-Salem, North Carolina

Salman A. Arain, MD, FSCAI
Houston, Texas

Aimee K. Armstrong, MD, FSCAI
Columbus, Ohio

Ehrin J. Armstrong, MD, MSC, MAS, FSCAI
Denver, Colorado

Herbert D. Aronow, MD, FSCAI
Providence, Rhode Island

Joseph D. Babb, MD, MSCAI
Greenville, North Carolina

Usman Baber, MD
New York, New York

Jayant Bagai, MD, FSCAI
Franklin, Tennessee

Steven R. Bailey, MD, MSCAI
San Antonio, Texas

David T. Balzer, MD, FSCAI
St. Louis, Missouri

Subhash Banerjee, MD, FSCAI
Dallas, Texas

Sripal Bangalore, MD, MHA
New York, New York

David A. Baran, MD, FSCAI
Norfolk, Virginia

Mir A. Basir, DO
Detroit, Michigan

Ted A. Bass, MD, MSCAI
Jacksonville, Florida

Sarosh P. Batlivala, MD, FSCAI
Jackson, Mississippi

Holly Bauser-Heaton, MD, PhD
Atlanta, Georgia

Anthony A. Bavy, MD, MPH
Gainesville, Florida

Charles Beale, MD
Providence, Rhode Island

Stewart Benton, MD
Atlanta, Georgia

Ori Ben-Yehuda, MD
New York, New York

Darren P. Berman, MD, FSCAI
Columbus, Ohio

Nirmannoh Bhatia, MD
Nashville, Tennessee

Deepak L. Bhatt, MD, MPH, FSCAI
Boston, Massachusetts

Catheleen Biga, RN, MSN
Woodridge, Illinois

James C. Blankenship, MD, MSc, MSCAI
Danville, Pennsylvania

Konstantinos D. Boudouhas, MD, FSCAI
Columbus, Ohio

Loukas S. Boutis, MD, FSCAI
Manhasset, New York

Lyndon C. Box, MD, FSCAI
Boise, Idaho

Preston Boyer, MD
Tuscan, Arizona

Somjit S. Brar, MD, MPH
Los Angeles, California

John P. Breinholt III, MD, FSCAI
Houston, Texas

Emmanouil S. Brilakis, MD, PhD, FSCAI
Minneapolis, Minnesota

Todd J. Brinton, MD
Menlo Park, California

David L. Brown, MD, FSCAI
Plano, Texas

Maurice Buchbinder, MD, FSCAI
La Jolla, California

M. Nicholas Burke, MD, FSCAI
Minneapolis, Minnesota

Daniel Burkhoff, MD, PhD
New York, New York

Ryan M. Callahan, MD, FSCAI
Boston, Massachusetts

Paul T. Campbell, MD, FSCAI
Concord, North Carolina

Ronald P. Caputo, MD, FSCAI
Syracuse, New York

John D. Carroll, MD, MSCAI
Aurora, Colorado

Jeffrey J. Cavendish, MD, FSCAI
San Diego, California

Charles E. Chambers, MD, MSCAI
Hershey, Pennsylvania

Jeffrey W. Chambers, MD, FSCAI
Minneapolis, Minnesota

Stanley J. Chetcuti, MD, FSCAI
Ann Arbor, Michigan

Adnan K. Chhatriwalla, MD, FSCAI
Kansas City, Missouri

Joaquin E. Cigarroa, MD, FSCAI
Portland, Oregon

Mehmet Cilingiroglu, MD, FSCAI
Little Rock, Arkansas

Robert Coronado, MD
Redding, California

Marco A. Costa, MD, PhD, FSCAI
Cleveland, Ohio

Ryan Cotter, MD
Denver, Colorado

Michael J. Cowley, MD, MSCAI
Richmond, Virginia

David A. Cox, MD, MSCAI
Birmingham, Alabama

Kevin J. Croce, MD, PhD
West Roxbury, Massachusetts

Matthew A. Crystal, MD
New York, New York

Jeptha P. Curtis, MD, FSCAI
New Haven, Connecticut

Ramesh Daggubati, MD, FSCAI
Mineola, New York

Pratik Dalal, MD
Royal Oak, Michigan

George D. Dangas, MD, PhD, MSCAI
New York, New York

Anshuman Das, MD
Chicago, Illinois

Luis Davila
Miami Lakes, Florida

Larry S. Dean, MD, MSCAI
Seattle, Washington

Anthony DeMaria, MD
San Diego, California

Joseph Derose, MD
Bronx, New York

Chandan Devireddy, MD, FSCAI
Atlanta, Georgia

Larry J. Diaz, MD, FSCAI
Wyoming, Michigan

V. Vivian Dimas, MD, FSCAI
Dallas, Texas

Abhay A. Divekar, MD, FSCAI
Kansas City, Missouri

Suhail Dohad, MD
Beverly Hills, California

Creighton W. Don, MD, PhD, FSCAI
Seattle, Washington

John S. Douglas Jr., MD, FSCAI
Atlanta, Georgia

Douglas E. Drachman, MD, FSCAI
Boston, Massachusetts
FACULTY (USA)

Peter L. Duffy, MD, MMM, FSCAI
Pinehurst, North Carolina

Danny Dvir, MD
Seattle, Washington

Maher Eldar, MD, FSCAI
Detroit, Michigan

Sammy Elmiah, MD, MPH, FSCAI
Boston, Massachusetts

Youssef Elbach, MD
Bethesda, Maryland

Howaida El-Said, MD, FSCAI
Silver Spring, Maryland

Jason Fontana, PhD
Santa Rosa, California

Santiago Garcia, MD, FSCAI
Minneapolis, Minnesota

Vinisha Garg, MD
Los Angeles, California

Kirk N. Garrett, MD, MSc, FSCAI
Newark, Delaware

Philippe Généreux, MD
New York, New York

Gary Gershony, MD, FSCAI
Wheaton, Illinois

C. Michael Gibson, MD, FSCAI
Natick, Massachusetts

Ian C. Gilchrist Sr., MD, FSCAI
Hershey, Pennsylvania

Matthew J. Gillespie, MD, FSCAI
Philadelphia, Pennsylvania

Jay S. Giri, MD, MHP, FSCAI
Philadelphia, Pennsylvania

Andrew C. Glatz, MD, MSCE
Philadelphia, Pennsylvania

Bryan H. Goldstein, MD, FSCAI
Cincinnati, Ohio

James A. Goldstein, MD, FSCAI
Royal Oak, Michigan

Brent M. Gordon, MD, FSCAI
Loma Linda, California

Srinath T. Gowda, MD
San Antonio, Texas

Juan F. Granada, MD
New York, New York

Robert G. Gray, MD
Salt Lake City, Utah

Joseph N. Graziano, MD, FSCAI
Phoenix, Arizona

Cindy L. Grimes, MD, FSCAI
Manhasset, New York

Paul Michael Grossman, MD, FSCAI
Ann Arbor, Michigan

Rajiv Gulati, MD, PhD, FSCAI
Rochester, Minnesota

Amit Gupta, MD
San Antonio, Texas

Daniel Gutfinger, MD, PhD
Syrlin, California

Luis A. Guzman, MD, FSCAI
Richmond, Virginia

Rebecca T. Hahn, MD
New York, New York

Abdul Hakeem, MD, FSCAI
New Brunswick, New Jersey

George S. Hanzel, MD, FSCAI
Royal Oak, Michigan

Beau M. Hawkins, MD, FSCAI
Oklahoma City, Oklahoma

Tarek Helmy, MD, FSCAI
St. Louis, Missouri

Timothy D. Henry, MD, MScAI
Los Angeles, California

Stephan Heo, MD
Burlington, Massachusetts

James B. Hermiller, MD, FSCAI
Burlington, Massachusetts

Joerg Herrmann, MD
Champaign, Illinois

Richard R. Heuser, MD, FSCAI
Phoenix, Arizona

Kalon K.L. Ho, MD, MSc, FSCAI
Boston, Massachusetts

John McB. Hodgson, MD
New York, New York

David Kandzari, MD, FSCAI
Atlanta, Georgia

Janakumar Kansagra, MD
Detroit, Michigan

Samir Ramesh Kapadia, MD, FSCAI
Cleveland, Ohio

Barry Kaplan, MD, FSCAI
Manhattan, New York

Saibal Kar, MD, FSCAI
Los Angeles, California

Ibrahim Kassas, MD
New York, New York

Prashant Kaul, MD, FSCAI
Atlanta, Georgia

Clifford J. Kavinsky, MD, PhD, MScAI
Chicago, Illinois

Morton J. Kern, MD, MScAI
Long Beach, California

Paul Khait, MBA
San Diego, California

Azeem Khan, MD
Baton Rouge, Louisiana

Zubair A. Khan, MD
Southfield, Michigan

Sahil Khera, MD
Boston, Massachusetts

Dennis W. Kim, MD, PhD, FSCAI
Atlanta, Georgia

Michael C. Kim, MD, FSCAI
Manhasset, New York

Spencer B. King III, MD, FSCAI
Atlanta, Georgia

Ajay J. Kirtane, MD, SM, CRNP
New York, New York

Neal S. Kleinman, MD, FSCAI
Houston, Texas

Andrew J. Klein, MD, FSCAI
Atlanta, Georgia

Lloyd W. Klein, MD, FSCAI
Chicago, Illinois

Chad Klinger, MD, FSCAI
New York, New York

Daniel M. Kolansky, MD, FSCAI
Philadelphia, Pennsylvania

Brian C. Kolski, MD
Newport Beach, California

Dhaval Kolte, MD, PhD
Providence, Rhode Island

Andrew J. Klein, MD, FSCAI
Atlanta, Georgia

Lloyd W. Klein, MD, FSCAI
Chicago, Illinois

Chad Klinger, MD, FSCAI
New York, New York

Daniel M. Kolansky, MD, FSCAI
Philadelphia, Pennsylvania

Brian C. Kolski, MD
Newport Beach, California

Dhaval Kolte, MD, PhD
Providence, Rhode Island

Jacqueline Kreutzer, MD, FSCAI
Pittsburgh, Pennsylvania

San Diego, California
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>State</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael A. Kutcher, MD</td>
<td>Winston-Salem</td>
<td>North Carolina</td>
<td>USA</td>
</tr>
<tr>
<td>Lake J. Lamers, MD, FSCAI</td>
<td>Madison</td>
<td>Wisconsin</td>
<td>USA</td>
</tr>
<tr>
<td>Gregg M. Lanier, MD</td>
<td>Hawthorne</td>
<td>New York</td>
<td>USA</td>
</tr>
<tr>
<td>John M. Lasala, MD, PhD</td>
<td>Norfolk</td>
<td>Virginia</td>
<td>USA</td>
</tr>
<tr>
<td>FSCAI</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paul Mahoney, MD</td>
<td>San Diego</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>Ehtisham Mahmud, MD</td>
<td>Glenville</td>
<td>New York</td>
<td>USA</td>
</tr>
<tr>
<td>Satish Madiraju, MD, FSCAI</td>
<td>Oklahoma City</td>
<td>Oklahoma</td>
<td>USA</td>
</tr>
<tr>
<td>Michael Luna, MD</td>
<td>Hollywood</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>Michael Mack, MD</td>
<td>Dallas</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Satish Madiraju, MD</td>
<td>Bengaluru</td>
<td>Karnataka</td>
<td>India</td>
</tr>
<tr>
<td>Preetam Majumder, MD</td>
<td>Austin</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Paul Mahoney, MD</td>
<td>Norfolk</td>
<td>Virginia</td>
<td>USA</td>
</tr>
<tr>
<td>Brijeshwar S. Maini, MD</td>
<td>Delray Beach</td>
<td>Florida</td>
<td>USA</td>
</tr>
<tr>
<td>Raj Makkar, MD</td>
<td>Los Angeles</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>S. Chris Malaisie, MD</td>
<td>Chicago</td>
<td>Illinois</td>
<td>USA</td>
</tr>
<tr>
<td>Hersh S. Maniar, MD</td>
<td>St. Louis</td>
<td>Missouri</td>
<td>USA</td>
</tr>
<tr>
<td>Konstantinos Marmagkiolis, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Jeffrey J. Marshall, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>James M. McCabe, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Doff B. McElhinney, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Daniel S. Levi, MD</td>
<td>FSCAI</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>Amir Lerman, MD</td>
<td>Rochester</td>
<td>Minnesota</td>
<td>USA</td>
</tr>
<tr>
<td>Michael J. Lim, MD</td>
<td>FSCAI</td>
<td>Missouri</td>
<td>USA</td>
</tr>
<tr>
<td>Nicholas J. Lembo, MD</td>
<td>FSCAI</td>
<td>New York</td>
<td>USA</td>
</tr>
<tr>
<td>William L. Lombardi, MD</td>
<td>Seattle</td>
<td>Washington</td>
<td>USA</td>
</tr>
<tr>
<td>Juan C. Lopez-Mattei, MD</td>
<td>Houston</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Michael Luna, MD</td>
<td>Dallas</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Michael Mack, MD</td>
<td>Dallas</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Satish Madiraju, MD</td>
<td>Bengaluru</td>
<td>Karnataka</td>
<td>India</td>
</tr>
<tr>
<td>Preetam Majumder, MD</td>
<td>Austin</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Paul Mahoney, MD</td>
<td>Norfolk</td>
<td>Virginia</td>
<td>USA</td>
</tr>
<tr>
<td>Brijeshwar S. Maini, MD</td>
<td>Delray Beach</td>
<td>Florida</td>
<td>USA</td>
</tr>
<tr>
<td>Raj Makkar, MD</td>
<td>Los Angeles</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>S. Chris Malaisie, MD</td>
<td>Chicago</td>
<td>Illinois</td>
<td>USA</td>
</tr>
<tr>
<td>Hersh S. Maniar, MD</td>
<td>St. Louis</td>
<td>Missouri</td>
<td>USA</td>
</tr>
<tr>
<td>Konstantinos Marmagkiolis, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Jeffrey J. Marshall, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>James M. McCabe, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Doff B. McElhinney, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Daniel S. Levi, MD</td>
<td>FSCAI</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>Amir Lerman, MD</td>
<td>Rochester</td>
<td>Minnesota</td>
<td>USA</td>
</tr>
<tr>
<td>Michael J. Lim, MD</td>
<td>FSCAI</td>
<td>Missouri</td>
<td>USA</td>
</tr>
<tr>
<td>Nicholas J. Lembo, MD</td>
<td>FSCAI</td>
<td>New York</td>
<td>USA</td>
</tr>
<tr>
<td>William L. Lombardi, MD</td>
<td>Seattle</td>
<td>Washington</td>
<td>USA</td>
</tr>
<tr>
<td>Juan C. Lopez-Mattei, MD</td>
<td>Houston</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Michael Luna, MD</td>
<td>Dallas</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Michael Mack, MD</td>
<td>Dallas</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Satish Madiraju, MD</td>
<td>Bengaluru</td>
<td>Karnataka</td>
<td>India</td>
</tr>
<tr>
<td>Preetam Majumder, MD</td>
<td>Austin</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Paul Mahoney, MD</td>
<td>Norfolk</td>
<td>Virginia</td>
<td>USA</td>
</tr>
<tr>
<td>Brijeshwar S. Maini, MD</td>
<td>Delray Beach</td>
<td>Florida</td>
<td>USA</td>
</tr>
<tr>
<td>Raj Makkar, MD</td>
<td>Los Angeles</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>S. Chris Malaisie, MD</td>
<td>Chicago</td>
<td>Illinois</td>
<td>USA</td>
</tr>
<tr>
<td>Hersh S. Maniar, MD</td>
<td>St. Louis</td>
<td>Missouri</td>
<td>USA</td>
</tr>
<tr>
<td>Konstantinos Marmagkiolis, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Jeffrey J. Marshall, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>James M. McCabe, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Doff B. McElhinney, MD</td>
<td>FSCAI</td>
<td>Texas</td>
<td>USA</td>
</tr>
<tr>
<td>Daniel S. Levi, MD</td>
<td>FSCAI</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>Amir Lerman, MD</td>
<td>Rochester</td>
<td>Minnesota</td>
<td>USA</td>
</tr>
<tr>
<td>Michael J. Lim, MD</td>
<td>FSCAI</td>
<td>Missouri</td>
<td>USA</td>
</tr>
<tr>
<td>Nicholas J. Lembo, MD</td>
<td>FSCAI</td>
<td>New York</td>
<td>USA</td>
</tr>
<tr>
<td>William J. Reardon, MD</td>
<td>Madison</td>
<td>Wisconsin</td>
<td>USA</td>
</tr>
<tr>
<td>Ryan R. Reeves, MD</td>
<td>San Diego</td>
<td>California</td>
<td>USA</td>
</tr>
<tr>
<td>John P. Reilly, MD</td>
<td>FSCAI</td>
<td>New Orleans</td>
<td>Louisiana</td>
</tr>
<tr>
<td>Mark Reisman, MD</td>
<td>Seattle</td>
<td>Washington</td>
<td>USA</td>
</tr>
<tr>
<td>John F. Rhodes Jr., MD</td>
<td>Charleston</td>
<td>South Carolina</td>
<td>USA</td>
</tr>
<tr>
<td>Michael J. Rinaldi, MD, FSCAI</td>
<td>Charlotte</td>
<td>North Carolina</td>
<td>USA</td>
</tr>
</tbody>
</table>
### FACULTY (USA)

- **David G. Rizik, MD, FSCAI**
  - Scottsdale, Arizona

- **Toby Rogers, MBBS, MRCP**
  - Bethesda, Maryland

- **Kenneth Rosenfield, MD, MHCDS, MSCAI**
  - Boston, Massachusetts

- **Gary S. Roubin, MD, PhD**
  - New York, New York

- **Stanton J. Rowe**
  - Irvine, California

- **Sharan Rufus, MD**
  - Canton, Ohio

- **Carlos E. Ruiz, MD, PhD, MSCAI**
  - New York, New York

- **Mark Russo, MD**
  - Livingston, New Jersey

- **Walid S. Saber, MD, FSCAI**
  - Southborough, Massachusetts

- **Sheila Sahni, MD**
  - Los Angeles, California

- **Yader Sandoval, MD**
  - La Crosse, Wisconsin

- **Saurabh Sanon, MD**
  - Palm Beach Gardens, Florida

- **Shyam K. Sathanandam, MD, FSCAI**
  - Memphis, Tennessee

- **Robert A. Schainfeld, DO**
  - Waltham, Massachusetts

- **Richard Schatz, MD**
  - San Diego, California

- **Jeffrey M. Schussler, MD, FSCAI**
  - Dallas, Texas

- **Eric Secemsky, MD**
  - Boston, Massachusetts

<table>
<thead>
<tr>
<th>FACULTY Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>David G. Rizik, MD, FSCAI</td>
<td>Scottsdale, Arizona</td>
</tr>
<tr>
<td>Toby Rogers, MBBS, MRCP</td>
<td>Bethesda, Maryland</td>
</tr>
<tr>
<td>Kenneth Rosenfield, MD, MHCDS, MSCAI</td>
<td>Boston, Massachusetts</td>
</tr>
<tr>
<td>Gary S. Roubin, MD, PhD</td>
<td>New York, New York</td>
</tr>
<tr>
<td>Stanton J. Rowe</td>
<td>Irvine, California</td>
</tr>
<tr>
<td>Sharan Rufus, MD</td>
<td>Canton, Ohio</td>
</tr>
<tr>
<td>Carlos E. Ruiz, MD, PhD, MSCAI</td>
<td>New York, New York</td>
</tr>
<tr>
<td>Mark Russo, MD</td>
<td>Livingston, New Jersey</td>
</tr>
<tr>
<td>Walid S. Saber, MD, FSCAI</td>
<td>Southborough, Massachusetts</td>
</tr>
<tr>
<td>Sheila Sahni, MD</td>
<td>Los Angeles, California</td>
</tr>
<tr>
<td>Yader Sandoval, MD</td>
<td>La Crosse, Wisconsin</td>
</tr>
<tr>
<td>Saurabh Sanon, MD</td>
<td>Palm Beach Gardens, Florida</td>
</tr>
<tr>
<td>Shyam K. Sathanandam, MD, FSCAI</td>
<td>Memphis, Tennessee</td>
</tr>
<tr>
<td>Robert A. Schainfeld, DO</td>
<td>Waltham, Massachusetts</td>
</tr>
<tr>
<td>Richard Schatz, MD</td>
<td>San Diego, California</td>
</tr>
<tr>
<td>Jeffrey M. Schussler, MD, FSCAI</td>
<td>Dallas, Texas</td>
</tr>
<tr>
<td>Eric Secemsky, MD</td>
<td>Boston, Massachusetts</td>
</tr>
<tr>
<td>Michael D. Seckeler, MD, Msc, FSCAI</td>
<td>Tucson, Arizona</td>
</tr>
<tr>
<td>Arnold H. Seto, MD, FSCAI</td>
<td>Long Beach, California</td>
</tr>
<tr>
<td>Binita Shah, MD, FSCAI</td>
<td>New York, New York</td>
</tr>
<tr>
<td>Shabana Shahanavaz, MBBS, FSCAI</td>
<td>Scottsdale, Arizona</td>
</tr>
<tr>
<td>Matthew W. Sherwood, MD, MHS, FSCAI</td>
<td>Arlington, Virginia</td>
</tr>
<tr>
<td>Mehdi Shishehbor, DO, FSCAI</td>
<td>Cleveland, Ohio</td>
</tr>
<tr>
<td>Adhir R. Shroff, MD, MPH, FSCAI</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Charles A. Simonton, MD, FSCAI</td>
<td>San Francisco, California</td>
</tr>
<tr>
<td>Sunil Singh, MD</td>
<td>San Francisco, California</td>
</tr>
<tr>
<td>Varinder P. Singh, MD, FSCAI</td>
<td>Santa Clara, California</td>
</tr>
<tr>
<td>Ramesh Sivagnanam, MBA</td>
<td>La Jolla, California</td>
</tr>
<tr>
<td>Kimberly A. Skelding, MD, FSCAI</td>
<td>Tuscaloosa, Alabama</td>
</tr>
<tr>
<td>David P. Slouvt, MD, PhD, MHA, FSCAI</td>
<td>Boston, Massachusetts</td>
</tr>
<tr>
<td>Richard W. Smalling, MD, PhD, MSCAI</td>
<td>Houston, Texas</td>
</tr>
<tr>
<td>Nishtta Sodhi, MD</td>
<td>St. Louis, Missouri</td>
</tr>
<tr>
<td>Paul Sorajja, MD, FSCAI</td>
<td>Minneapolis, Minnesota</td>
</tr>
<tr>
<td>Peter A. Soukas, MD, FSCAI</td>
<td>Providence, Rhode Island</td>
</tr>
<tr>
<td>Christian Spies, MD, FSCAI</td>
<td>Honolulu, Hawaii</td>
</tr>
<tr>
<td>Daniel H. Steinberg, MD, FSCAI</td>
<td>Charleston, South Carolina</td>
</tr>
<tr>
<td>James P. Stewart, MD</td>
<td>Atlanta, Georgia</td>
</tr>
<tr>
<td>Curtiss T. Stinis, MD, FSCAI</td>
<td>San Diego, California</td>
</tr>
<tr>
<td>William M. Suh, MD, FSCAI</td>
<td>Los Angeles, California</td>
</tr>
<tr>
<td>Patrick Morris Sullivan, MD, FSCAI</td>
<td>Los Angeles, California</td>
</tr>
<tr>
<td>Hussam Suradi, MD, FSCAI</td>
<td>Highland, Indiana</td>
</tr>
<tr>
<td>Rajesh V. Swaminathan, MD, FSCAI</td>
<td>Durham, North Carolina</td>
</tr>
<tr>
<td>Molly Szerlip, MD, FSCAI</td>
<td>Plano, Texas</td>
</tr>
<tr>
<td>Nathan W. Taggart, MD, FSCAI</td>
<td>Rochester, Minnesota</td>
</tr>
<tr>
<td>Peter Tajti, MD</td>
<td>Minneapolis, Minnesota</td>
</tr>
<tr>
<td>Guang Ming Tan, MD</td>
<td>Boston, Massachusetts</td>
</tr>
<tr>
<td>Paul Teirstein, MD, FSCAI</td>
<td>La Jolla, California</td>
</tr>
<tr>
<td>Vinod H. Throurani, MD, FSCAI</td>
<td>Washington, D.C.</td>
</tr>
<tr>
<td>Jonathan M. Tobis, MD, FSCAI</td>
<td>Los Angeles, California</td>
</tr>
<tr>
<td>Andrew Tochterman, MBA</td>
<td>San Diego, California</td>
</tr>
<tr>
<td>Catalin Toma, MD</td>
<td>Pittsburgh, Pennsylvania</td>
</tr>
<tr>
<td>Sara M. Trucco, MD, FSCAI</td>
<td>Pittsburgh, Pennsylvania</td>
</tr>
<tr>
<td>Thomas M. Tu, MD, FSCAI</td>
<td>Louisville, Kentucky</td>
</tr>
<tr>
<td>Zoltan G. Turi, MD, MSCAI</td>
<td>Hackensack, New Jersey</td>
</tr>
<tr>
<td>Mariel E. Turner, MD, FSCAI</td>
<td>New York, New York</td>
</tr>
<tr>
<td>Barry F. Uretsky, MD, FSCAI</td>
<td>Fort Smith, Arkansas</td>
</tr>
<tr>
<td>Anezi Uzendu, MD</td>
<td>Columbus, Ohio</td>
</tr>
<tr>
<td>C. Michael Valentine, MD, FSCAI</td>
<td>Lynchburg, Virginia</td>
</tr>
<tr>
<td>John P. Vavalle, MD, MHS, FSCAI</td>
<td>Chapel Hill, North Carolina</td>
</tr>
<tr>
<td>Vimalkumar Veerappan Kandasamy, MD, FSCAI</td>
<td>Louisville, Kentucky</td>
</tr>
<tr>
<td>Frank C. Vermeiren, MS, RT (R) (CV), RDMS</td>
<td>Ellicott City, Maryland</td>
</tr>
<tr>
<td>George W. Vetrovec, MD, MSCAI</td>
<td>Richmond, Virginia</td>
</tr>
<tr>
<td>Robert N. Vincent, MD, FSCAI</td>
<td>Atlanta, Georgia</td>
</tr>
<tr>
<td>Siddharth A. Wayangankar, MD</td>
<td>Gainesville, Florida</td>
</tr>
<tr>
<td>Bonnie H. Weiner, MD, MSEC, MBA, MSCAI</td>
<td>Harvard, Massachusetts</td>
</tr>
<tr>
<td>Giora Weisz, MD, FSCAI</td>
<td>Bronx, New York</td>
</tr>
<tr>
<td>Brian K. Whisenant, MD, FSCAI</td>
<td>Murray, Utah</td>
</tr>
<tr>
<td>Christopher J. White, MD, MSCAI</td>
<td>New Orleans, Louisiana</td>
</tr>
<tr>
<td>Neil Wilson, MBBS, FSCAI</td>
<td>Aurora, Colorado</td>
</tr>
<tr>
<td>S. Chiu Wong, MD, FSCAI</td>
<td>New York, New York</td>
</tr>
<tr>
<td>Steven J. Yakubov, MD, FSCAI</td>
<td>Columbus, Ohio</td>
</tr>
<tr>
<td>Eric H. Yang, MD</td>
<td>Culver City, California</td>
</tr>
<tr>
<td>Eric H. Yang, MD, MBA</td>
<td>Phoenix, Arizona</td>
</tr>
<tr>
<td>Maureen Yucelt, RN</td>
<td>San Diego, California</td>
</tr>
<tr>
<td>Evan Zahn, MD, FSCAI</td>
<td>Los Angeles, California</td>
</tr>
<tr>
<td>Jeffrey D. Zampi, MD, FSCAI</td>
<td>Ann Arbor, Michigan</td>
</tr>
<tr>
<td>David X. Zhao, MD, FSCAI</td>
<td>Winston-Salem, North Carolina</td>
</tr>
<tr>
<td>James P. Zidar, MD, FSCAI</td>
<td>Raleigh, North Carolina</td>
</tr>
</tbody>
</table>
INTERNATIONAL FACULTY

Waqar H. Ahmed, MD, MS, FSCAI
Jeddah, Saudi Arabia

Mirvat Alasnag, MD, FSCAI
Jeddah, Saudi Arabia

Khalid Al Faraidy, MD, FRCP
Saudi Arabia

Rasha Al-Lamee, MBBS, MA, MRCP
London, United Kingdom

Owayed M. Al Shammeri, MD, MB, ChB
Riyadh, Saudi Arabia

Anita W. Asgar, MD
Outremont, Canada

Rodrigo Bagur, MD, PhD
London, Canada

Lee N. Benson, MD, FSCAI
Toronto, Canada

Rafael Beyar, MD, MPH, DSc
Israel

Roberto Canessa, MD
Uruguay

Mark Chan, MD, MBBS, MHS, MMED, MRCP
Singapore

Shao-Liang Chen, MD, PhD
Nanjing, China

Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI
Oxford, United Kingdom

Justin Davies, MBBS, PhD
London, United Kingdom

Timothy C. Dy, MD, FSCAI
Quezon City, Philippines

Omer Goktekin, MBBS, FSCAI
Istanbul, Turkey

Prabha N. Gupta, MD, DM, FSCAI
Trivandrum, India

Sameer Gupta, MD, FSCAI
New Delhi, India

Bashir Hanif, MD, FSCAI
Karachi, Pakistan

Kevin Harris, MD, FSCAI
Vancouver, Canada

Ziyad M. Hijazi, MD, MSc
Doha, Qatar

Eric Horlick, MD, FSCAI
Toronto, Canada

Nigel Jepson, MBBS, BMEdSci, FRACP, FCSANZ, FSCAI
Sydney, Australia

Marc E. Jolicoeur, MD, MSc
MHS, FSCAI
Boucherville, Canada

Sanjit S. Jolly, MD, MSc
Hamilton, Canada

Ahmed Mohamed Ali Kasem Sr., MD, FEBC, FSCAI
Jeddah, Saudi Arabia

Damien Kenny, MD, FSCAI
Dublin, Ireland

Kyong-Jin Lee, MD
Toronto, Canada

Anggia C. Lubis, MD
Medan, Indonesia

Jianfang Luo, MD, FSCAI
Guangzhou, China

Ahmed Magdy, PhD, FSCAI
Cairo, Egypt

Anthony Main, MD
Calgary, Canada

Andrew McNeice, MD
Victoria, Canada

Oscar A. Mendiz, MD, FSCAI
Buenos Aires, Argentina

Sundeep Mishra, MD, DM, FSCAI
New Dehli, India

Muhammad Munawar, MD, PhD, FSCAI
Jakarta, Indonesia

Mark D. Osten, MD, FSCAI
Toronto, Canada

Jean-Michel Paradis, MD
Lévis, Canada

Michele Pighi, MD
Montreal, Canada

Shakeel A. Qureshi, MD, FSCAI
London, United Kingdom

Sudhir Rathore, MBBS, MSc
Camberley, United Kingdom

Sreenivas Reddy, MD
Chandigarh, India

Stéphane Rinfret, MD, SM, FSCAI
Montreal, Canada

Jacqueline Saw, MD, FSCAI
Vancouver, Canada

Ashok Seth, MBBS, FRCP, FESC, DSc, DLitt, MSCAI
New Delhi, India

Abdullah Shehab, MD, PhD, FSCAI
Al-Ain, United Arab Emirates

James T. Stewart, MD, FSCAI
Auckland, New Zealand

Konstantinos Toutouzas, MD, PhD, FSCAI
Athens, Greece

Le Van Truong, MD, PhD, FSCAI
Hanoi, Vietnam

Rajesh Vijayvergiya, MD, DM, FSCAI
Chandigarh, India

Minh Vo, MD, FRCPC
Edmonton, Canada

Altayyeb Yousef, MD
Ottawa, Canada
As the country’s healthcare system moves toward a value-based approach, TRA nsition 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.
TUESDAY, APRIL 24

6:30–8:30 p.m.  Global Case-Based Leadership Summit: Complex Interventions Without Borders
Sponsored by SCAI
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 Mahmud, 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 Vijayvergiya, MD, DM, FSCAI

6:52 p.m.  Antegrade-Retrograde Approach to CTO
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
Shao-Liang Chen, MD, PhD, FSCAI

8:04 p.m.  Complex PCI in the Very Elderly
Ahmed Magdy, PhD, FSCAI

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 Mahmud, MD, FSCAI; Sunil V. Rao, MD, FSCAI
Panelists: Wissam Jaber, MD; Michael A. Katcher, MD, FSCAI

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

All session speakers are also panelists.
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. Cowley, MD, MSCAI; Omer Goktekin, MBBS, FSCAI; Brian C. Kolski, MD; Sundeep Mishra, MD, DM, FSCAI; Ashish Pershad, MD, FSCAI; James T. Stewart, MD, FSCAI  

**Case 1: HonorHealth (Coronary)**  
*Primary Operator: David G. Rizik, MD, FSCAI*  
*Secondary Operator: Bimal B. Padaliya, MD*  

**Case 2: University of Washington Medical Center (CHIP)**  
*Primary Operator: William L. Lombardi, MD, FSCAI*  
*Secondary Operators: Creighton W. Don, MD, PhD, FSCAI; James M. McCabe, MD, FSCAI*  

9:40 a.m.  
**Complex Aorto-Iliac Intervention: CTO/TASC D, Bifurcation Disease, Covered Stents**  
Ehrin J. Armstrong, MD, MSc, MAS, FSCAI  

9:50 a.m.  
**Moderated Discussion**  
Sahil A. Parikh, MD, FSCAI  

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  

10:20 a.m.  
**Best Practices for Endovascular Treatment in the SFA—Drug Delivery Technology**  
Sahil 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  

7:00–11:00 a.m. **SCAI Complex Peripheral Vascular Interventions (SCAI-CPVI) Summit**  
Room: Harbor A  
Moderators: Douglas E. Drachman, MD, FSCAI; Sahil A. Parikh, MD, FSCAI; Mehdi Shishehbor, DO, FSCAI  

**SCAI-CPVI: Interactive Case Discussions**  
7:30 a.m.  
Introduction to Workshop  
Strategy and Objectives  

7:35 a.m.  
Presentation of Case 1 (Iliac)  
Douglas E. Drachman, 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: 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. **SCAI-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?  
Douglas E. Drachman, MD, FSCAI  

9:40 a.m.  
Complex Aorto-Iliac Intervention: CTO/TASC D, Bifurcation Disease, Covered Stents  
Ehrin J. Armstrong, MD, MSc, MAS, FSCAI  

9:50 a.m.  
**Moderated Discussion**  
Sahil A. Parikh, MD, FSCAI  

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  

10:20 a.m.  
**Best Practices for Endovascular Treatment in the SFA—Drug Delivery Technology**  
Sahil 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  

7:00–11:00 a.m. **Structural Heart Interventions: Advanced Techniques**  
Room: Seaport F  
Moderators: Steven R. Bailey, MD, MSCAI; Jay S. Giri, MD, MPH, FSCAI  
Panelists: Anita W. Asgar, MD; George S. Hanzel, MD, FSCAI  

7:00–9:00 a.m. **The Fundamentals of Transcatheter Aortic and Mitral Valve Replacement**  
**Moderators: Douglas E. Drachman, MD, FSCAI; Sahil A. Parikh, MD, FSCAI; Mehdi Shishehbor, DO, 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  
Tamim M. Nazif, MD, FSCAI
SCHEDULE AT A GLANCE BY TRACK

FEATURED SESSIONS AND EVENTS
Located in Seaport DE, unless otherwise noted

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?
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

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, MD, FSCAI

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 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

10:18 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

Presidential Address
Kirk N. Garratt, MD, MSc, FSCAI, President 2017–2018

Mason Sones Award for Distinguished Service and Helping Hearts Lifetime Service Award

12:45–1:15 p.m.  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

All session speakers are also panelists.
1:30–3:00 p.m. **LIVE CASES: Complex LAAO and TAVR**
Moderators: Robert J. Applegate, MD, MSCAI; Matthew J. Price, MD
Panelists: Ronald P. Caputo, MD, FSCAI; Tarek Helmy, MD, FSCAI; Faisal Latif, MD, FSCAI; Tamim M. Nazif, MD, FSCAI; Duane S. Pinto, MD, MPH, FSCAI; Michael J. Rinaldi, MD, FSCAI

**Case 1: HonorHealth (LAAO)**
*Primary Operator: Alok Sharma, MD*
*Secondary Operator: David G. Rizik, MD, FSCAI*

**Case 2: University of Washington Medical Center (TAVR)**
*Primary Operator: James M. McCabe, MD, FSCAI; Mark Reisman, MD*
*Secondary Operators: Creighton W. Don, MD, PhD, FSCAI; Danny Dvir, 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 Gershony, 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 ICI**
*Rafael Beyar, MD, MPH, DSc*

3:00–4:00 p.m.—**Part II**
Moderators: Alok V. Finn, MD; Juan F. Granada, MD

3:00 p.m. **Mobius Hypertension Control**
*Gregg Stone, MD, FSCAI*

3:10 p.m. **Pathology Perspective of New Devices**
*Aloke V. Finn, MD*

3:20 p.m. **Transcatheter FMR Mitral and Tricuspid Valve Repair Device Trials Post-COAPT: Lessons Learned, Future Directions**
*Ori Ben-Yehuda, MD*

3:30 p.m. **Vascular Lithotripsy: Ready for Prime Time?**
*Todd J. Brinton, MD*

3:40 p.m. **Next Generation Bio Resorbable Stents**
*Juan Granada, MD*

4:30–6:00 p.m.—**Part III**
Moderators: Amir Lerman, MD; Kenneth Rosenfield, MD, MHCDS, MSCAI

4:30 p.m. **Physicians in Industry, a Personal Story**
*Charles Simonton, MD, FSCAI*

4:40 p.m. **Evolution of the FDA in Approach Towards Medical Device Evaluation in the USA**
*Spencer B. King, III, MD, FSCAI*

4:50 p.m. **Changing Role for Academic Centers in Healthcare Innovation**
*Marc Turco, MD*

5:00 p.m. **Challenges for Large Companies in Innovation**
*Stanton J. Rowe, Edwards Lifesciences*

5:20 p.m. **Remote Catheterization, Concept, and Future Directions**
*Amir Lerman, MD*

5:30 p.m. **Leveraging Machine Learning Techniques to Forecast Patient Prognosis After PCI**
*Amir Lerman, MD*

5:40 p.m. **Medical Device Innovation: From Concept to Commercialization**
*Richard R. Heuser, MD, FSCAI*
**SCHEDULE AT A GLANCE BY TRACK**

**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, MA, MRCP; Robert J. Applegate, MD, MSCAI; Kirk N. Garratt, MD, MSc, FSCAI; Spencer B. King III, MD, FSCAI; Allen Jeremias, MD, MSc, FSCAI; Kenneth Rosenfield, MD, MHCDS, MSCAI

4:00–4:30 p.m.  **Exhibit Hall/Abstract Poster Session I**

Room: Grand Hall
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

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; Gregg W. Stone, MD, FSCAI

4:30 p.m.  **Embolic Protection in TAVR—The Reflect Trial**
*Tamim M. Nazif, MD, FSCAI*

4:40 p.m.  **Update on Tricuspid Trials**
*Ori Ben-Yehuda, MD*

4:50 p.m.  **Natural History of Aortic Stenosis Study**
*Ori Ben-Yehuda, MD*

5:00 p.m.  **PROSPECT II and PROSPECT ABSORB**
*Gregg W. Stone, MD, FSCAI*

5:30 p.m.  **Ultrasonic Pulmonary Artery Denervation**
*Lawrence Ang, MD, FSCAI*

5:40 p.m.  **Orbital Atherectomy and ECLIPSE**
*Ajay J. Kirtane, MD, SM, FSCAI*

5:50 p.m.  **OCT and ILUMIEN IV**
*Ziad Ali, MD, PhD*

6:00–6:30 p.m.  **Exhibit Hall/Abstract Poster Session II**

Room: Grand Hall
Moderators: Ahmed Magdy, PhD, FSCAI; Barry F. Uretsky, MD, MSCAI
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; Tamam Mohamad, MD, RPVI, FSCAI; Muhammad Munawar, MD, PhD, FSCAI; Sudhir Rathore, MBBS, MD

6:00–7:30 p.m.  **Presidents’ Welcome Reception (Kirk N. Garratt, MD, MSc, FSCAI, President 2017–2018; and David A. Cox, MD, MSCAI, President 2018–2019)**

**THURSDAY, APRIL 26**

8:00–8:20 a.m.  **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

8:20–9:00 a.m.  **Town Hall Meeting**
(open to all attendees)
Led by Kirk N. Garratt, MD, MSc, FSCAI, President 2017–2018

Please join us for the SCAI Town Hall meeting in which an executive report is shared and members have an opportunity to ask questions, and engage with leadership.

All session speakers are also panelists.
9:00–10:30 a.m.  💚 LIVE CASES: MitraClip and Coronary

Moderators: Saibal Kar, MD, FSCAI; Brian K. Whisenant, MD, FSCAI
Panelists: Ori Ben-Yehuda, MD; Justin Davies, MBBS, PhD; Sameer Gupta, MD, FSCAI; Ryan R. Reeves, MD; Jacqueline Saw, MD, FSCAI

**Case 1: Minneapolis Heart (MitraClip)**
Primary Operator: Paul Sorajja, MD, FSCAI
Secondary Operator: Emmanouil S. Brilakis, MD, PhD, FSCAI

**Case 2: Northwell Health (Coronary)**
Primary Operators: Cindy L. Grines, MD, FSCAI; Rajiv Jauhar, MD, FSCAI
Secondary Operators: Loukas S. Boutis, MD, FSCAI; Barry Kaplan, MD, FSCAI

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
Poster Discussants: M. Chadi Alraies, MD, MPH; Saif Anwaruddin, MD; Anita W. Asgar, MD; Rodrigo Bagur, MD, PhD; Anthony A. Bavry, MD, MPH; Adnan K. Chhatriwalla, MD, FSCAI; Konstantinos Marmagkiolis, MD, FSCAI; Konstantinos Toutouzas, MD, PhD; Rajesh Vijayvergiya, MD, DM, FSCAI

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

Moderators: H.V. Anderson, MD, FSCAI; George D. Dangas, MD, PhD, MSCI
Panelists: Mazen S. Abu-Fadel, MD, FSCAI; Todd J. Brinton, MD; John McB. Hodgson, MD, MSCAI; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Ahmed Magdy, PhD, FSCAI; William F. Penny, MD, FSCAI

11:00 a.m.   Immunomodulatory Therapy Reduces Atherosclerotic Plaque Burden by Coronary Computed Tomography Angiography in Psoriasis at One Year
Youssef Elnabawi, MD, MPH, National Institutes of Health, Clinical Center, NHLBI

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
David Kandzari, MD, FSCAI, Piedmont Heart Institute

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
Andrew McNeice, MD, Victoria Heart Institute

11:33 a.m.  Discussion

11:36 a.m.  The Hybrid Approach of Percutaneous Coronary Interventions for Chronic Total Occlusions: Update From the PROGRESS-CTO (PROspective Global REgiStry for the Study of Chronic Total Occlusion Intervention) International Registry
Peter Tajti, MD, Minneapolis Heart Institute Foundation at Abbott Northwestern Hospital

11:45 a.m.  Discussion

11:48 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
Santiago Garcia, MD, FSCAI, University of Minnesota

11:57 a.m.  Discussion

1:30–3:00 p.m.  💚 LIVE CASES: Complex Coronary

Moderators: Ashish Pershad, MD, FSCAI; George W. Vetrovec, MD, MSCAI
Panelists: Khalid Al Faraidy, MD, FRCPC; Joseph D. Babb, MD, MSCI; Paul T. Campbell, MD, FSCAI; Ronald P. Caputo, MD, FSCAI; Shao-Liang Chen, MD, PhD, FSCAI; Marco A. Costa, MD, PhD, FSCAI; John S. Douglas, Jr., MD, FSCAI; Bashir Hanif, MD, FSCAI

**Case 1: Minneapolis Heart (Coronary)**
Primary Operator: Emmanouil S. Brilakis, MD, PhD, FSCAI
Secondary Operator: Paul Sorajja, MD, FSCAI

**Case 2: Northwell Health (Coronary)**
Primary Operators: Michael C. Kim, MD, FSCAI; Varinder P. Singh, MD, FSCAI
Secondary Operators: Loukas S. Boutis, MD, FSCAI; Rajiv Jauhar, MD, FSCAI
**FEATURED SESSIONS AND EVENTS**

Located in Seaport DE, unless otherwise noted

**THURSDAY, APRIL 26 (continued)**

**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*

**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: Alex Abou-Chebl, MD; Mazen S. Abu-Fadel, MD, FSCAI; Ehrin J. Armstrong, MD, Msc, MAS, 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

**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; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Augusto Pichard, MD, FSCAI; James T. Stewart, MD, FSCAI

*3:30 p.m.*  Sub-Acute Transcatheter Mitral 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 Kasem Sr., MD, FEBC, 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

*3:59 p.m.*  Discussion

*4:00 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

*4:03 p.m.*  Discussion

*4:11 p.m.*  High-Risk NSTEMI With Latrogenic LIMA Dissection Followed by Hemodynamic and Electrical Instability

Janakkumar Kansagra, MD, Henry Ford Hospital

*4:14 p.m.*  Discussion

*4:22 p.m.*  Kinked Guide Catheter During ST-Elevation Myocardial Infarction

Rahil Rafeedheen, MD, Saint Louis University

*4:25 p.m.*  Discussion

*4:33 p.m.*  Discussion

All session speakers are also panelists.
FRIDAY, APRIL 27

8:00–9:30 a.m. 🌵 LIVE CASES: Complex Coronary and Peripheral

Moderators: Deepak L. Bhatt, MD, MPH, FSCAI; Jeff J. Marshall, MD, MSCAI
Panelists: Mazen S. Abu-Fadel, MD, FSCAI; Salman A. Arain, MD, FSCAI; Joaquin E. Cigarroa, MD, FSCAI; Larry S. Dean, MD, MSCAI; Ahmed Magdy, PhD, FSCAI; D. Chris Metzger, MD, FSCAI; Binita Shah, MD, FSCAI; Kimberly A. Skelding, MD, FSCAI

Case 1: UC San Diego (Coronary)
Primary Operator: Ehtisham Mahmud, MD, FSCAI
Secondary Operator: Mitul Patel, MD, FSCAI

Case 2: Henry Ford (Peripheral)
Primary Operator: Khaldoon Alaswad, MD, FSCAI
Secondary Operator: Mir A. Basir, DO

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: Luis Davila; John S. Douglas Jr., MD, FSCAI; Jason Fontana, PhD; Cindy L. Grines, MD, FSCAI; Daniel Gutfinger, MD, PhD; Timothy D. Henry, MD, MSCAI; Ziyad M. Hijazi, MD, MSCAI; 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, MSCE; Bryan H. Goldstein, MD, FSCAI; Luke J. Lamers, MD, FSCAI; Kanishka Ratnayaka, MD; Sara M. Trucco, MD, FSCAI
FRIDAY, APRIL 27 (continued)

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. Chhatrriwalla, MD, FSCAI; John S. Douglas Jr., MD, FSCAI; Marc E. Jolicœur, MD, MSc, MHS, FSCAI; Sunil V. Rao, 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
James B. Hermiller, MD, MSCAI, The St. Vincent Medical Group, The Heart Center of Indiana

11:09 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

11:21 a.m. Discussion

11:24 a.m. A Prospective, Single-Arm, Multicenter Trial of Catheter-Directed Mechanical Thrombectomy for Intermediate-Risk Acute Pulmonary Embolism: The FLARE Study
Thomas M. Tu, MD, PhD, FSCAI, Baptist Health Louisville

11:33 a.m. Discussion

11:36 a.m. Length of Stay Post-Transfemoral Transcatheter Aortic Valve Replacement
Siddharth A. Wayangankar, MD, Shands/University of Florida

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
Roxana Mehran, MD, MSCAI, Icahn School of Medicine at Mount Sinai

11:57 a.m. Discussion

1:30–3:00 p.m.  LIVE CASES: Adult Congenital and TAVR

Moderators: Ted A. Bass, MD, MSCAI; Evan Zahn, MD, FSCAI

Panelists: Zahid C. Amin, MD, FSCAI; David L. Brown, MD, FSCAI; Matthew J. Daniels, MD, PhD, BSc, MA, MRCP, FSCAI; Nigel Jepson, MBBS, BMedSci, FRACP, FCSANZ, FSCAI; Damien Kenny, MD, FSCAI; Michael Luna, MD, FSCAI; Shabana Shahanavaz, MBBS, FSCAI; David X. Zhao, MD, FSCAI

Case 1: UC San Diego (Adult Congenital)
Primary Operator: John W. Moore, MD, MPH, FSCAI
Secondary Operator: Howaida El-Said, MD, MPH, FSCAI; Ryan R. Reeves, MD

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

3:30–4:30 p.m. International Spotlight Session: SCAI/Asian Pacific Society of Interventional Cardiology (APSIC)

Moderators: Muhammad Munawar, MD, PhD, FSCAI; Ashok Seth, MD, MBBS, FRCP, FFSC, DSc, DLitt, MSCAI

Panelists: Steve R. Bailey, MD, MSCAI; Ramesh Daggubati, MD, FSCAI; Roxana Mehran, MD, MSCAI; Thach N. Nguyen, MD, FSCAI; Sunil V. Rao, MD, FSCAI; David X. Zhao, MD, FSCAI

3:30 p.m. My Greatest Victory
Mark Chan, MD, MBBS, MHS, MMED, MRCP

3:45 p.m. My Worst Nightmare
James T. Stewart, MD, FSCAI

4:00 p.m. My Most Exotic Case
Timothy C. Dy, MD, FSCAI

4:15 p.m. Cutting Edge Case of RF Pulmonary Denervation for Pulmonary Hypertension
Shao-Liang Chen, MD, PhD, FSCAI

All session speakers are also panelists.
FEATURED SESSIONS AND EVENTS

Located in Seaport DE, unless otherwise noted

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

5:30–6:00 p.m.  Keynote Speaker
Roberto Canessa, MD

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 My Calling 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 Diseases.

6:00–7:30 p.m.  Annual Celebration and Book Signing (Roberto Canessa, MD)
Room: Pool Deck, Level 4
**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 Jaber, MD; Michael A. Kutcher, MD, FSCAI

- 7:00 a.m. Preparing for the Battle: Access, Equipment, Strategy, and Technique  
  Mitul 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: Andrew Rassi, MD, FSCAI; Jianfang Luo, MD, FSCAI; Stéphane 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  
  Perwaiz 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

---

**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. Cowley, MD, MSCAI; Omer Goktekin, MBBS, FSCAI; Brian C. Kolski, MD; Sundeep Mishra, MD, DM, FSCAI; Ashish Pershad, MD, FSCAI; James T. Stewart, MD, FSCAI

- **Case 1:** HonorHealth (Coronary)  
  Primary Operator: David G. Rizik, MD, FSCAI  
  Secondary Operator: Bimal B. Padalia, MD

- **Case 2:** University of Washington Medical Center (CHIP)  
  Primary Operator: William L. Lombardi, MD, FSCAI  
  Secondary Operator: Creighton W. Don, 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

- 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  
  Mitul P. 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 Goktekin, MBBS, FSCAI

- 2:10 p.m. Balloon-Uncrossable or -Undilatable Lesions: Now What?  
  Minh Vo, MD, FRCP

- 2:20 p.m. Complications of CTO PCI and Their Management  
  Khaldoon Alaswad, MD, FSCAI

- 2:30 p.m. When to Stop? Preventing Radiation and Contrast Injury  
  Catalin Toma, MD
SCHEDULE AT A GLANCE BY TRACK

FEATURED SESSIONS AND EVENTS  CORONARY TRACK  PERIPHERAL TRACK  STRUCTURAL TRACK  CONGENITAL TRACK  CATH LAB BOOT CAMP  FELLOWS SUMMIT FOR COMPLEX CASES  SATURDAY SESSIONS

CORONARY TRACK

Located in Seaport A, unless otherwise noted

3:00–4:00 p.m.  Cardiogenic Shock and Hemodynamic Support: Case-Based Presentations
Moderators: Ajay J. Kirtane, MD, SM, FSCAI; Giora Weisz, MD, FSCAI
Panelists: Andrew Rassi, MD, FSCAI; Richard W. Smal linger, MD, PhD, MSCAI; George W. Vetrovec, MD, MSCAI
3:00 p.m.  Understanding Shock Is the First Step to Winning the Battle
Daniel Burkehoff, MD, PhD
3:10 p.m.  Left-Sided Support: When and How?
Ryan R. Reeves, MD
3:20 p.m.  Right-Sided Support: When and How?
Suhail Dohad, MD
3:30 p.m.  Approach to Biventricular Support
Rajan Patel, MD, FSCAI
4:30–5:15 p.m.  Contemporary Approach to Left Main and Bifurcation Lesions
Moderators: David A. Cox, MD, MSCAI; Issam D. Moussa, MD, FSCAI
Panelists: Khalid Al Faraidy, MD, FRCPC; Luis A. Guzman, MD, FSCAI; David Kandzari, MD, FSCAI; Sreenivas Reddy, MD
4:30 p.m.  Complexity of Left Main Disease: Case-Based Presentation
Perwaiz M. Meraj, MD, FSCAI
4:35 p.m.  Evidence-Based Approach to Choosing PCI vs. CABG in Left Main Disease
Barry F. Uretsky, MD, MSCAI
4:43 p.m.  ABCs of Bifurcation Stenting Trials: Navigating Through the Data
Shao-Liang Chen, MD, PhD
4:53 p.m.  Step-by-Step Approach to Bifurcation Stenting Techniques
J. Dawn Abbott, MD, FSCAI

5:15–6:00 p.m.  Calcified and Complex Coronary Lesions: Avoiding Stent Regret
Moderators: Kirk N. Garratt, MD, MSC, FSCAI; Duane S. Pinto, MD, MPH, FSCAI
Panelists: Khalid Al Faraidy, MD, FRCPC; Oscar A. Mendiz, MD, FSCAI; S. Chiu Wong, MD, FSCAI
5:15 p.m.  Imaging to Guide PCI Decisions: Angiography, IVUS, or OCT
Ashish Pershad, MD, FSCAI
5:23 p.m.  Atherectomy for Severely Calcified or Undilatable Lesions: Rotational, Orbital, Laser
Philippe Généreux, MD
5:31 p.m.  Treating Challenging SVG Disease: Tips and Tricks
Ashok Seth, MD, MBBS, FRCP, FFSC, DSc, DLitt, MSCAI
5:39 p.m.  Difficulty With Equipment Delivery: Tortuosity and Angulated Lesions
James C. Blankenship, MD, MSc, FSCAI

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: Antiplatelet 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.

SAN DIEGO | APRIL 25–28, 2018
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
Sripal Bangalore, MD, MHA
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 ILUMIEN-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 (TRIP-VASC) I: Radial and Femoral — Case-Based Presentations

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

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

CORONARY TRACK

Located in Seaport A, unless otherwise noted

FRIDAY, APRIL 27

8:00–9:30 a.m. Stent Design: Current and Novel Stent Technology

Moderators: James B. Hermiller, MD, MSCAI; Ashok Seth, MD, MBBS, FRCP, FFSC, DSc, DLitt, MSCAI

Panelists: Jeffrey J. Cavendish, MD, FSCAI; Michael A. Kutcher, MD, FSCAI; Giora Weisz, 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. Hermiller, MD, MSCAI

8:55 a.m. Evolution of Drug-Eluting Permanent Scaffolds: Still the Best!
Ryan R. Reeves, MD

9:05 a.m. Future of Bioabsorbable Technology: Where We’ll Be in Five Years
Ashok Seth, MD, MBBS, FRCP, FFSC, DSc, DLitt, MSCAI

3:30–5:00 p.m. TRIP-VASC II: Complex Radial Interventions—Case-Based Presentations

Moderators: Bashir Hanif, MD, FSCAI; Samir B. Pancholy, MD, FSCAI

Panelist: Kimberly A. Skelding, MD, FSCAI

3:30 p.m. Ultrasound-Guided Radial Access: A Primer
Arnold H. Seto, MD, FSCAI

3:40 p.m. Large-Bore Radial Access: Tips and Tricks
Bashir Hanif, MD, FSCAI

3:50 p.m. Ulnar Access When Radial Access Has Failed
Ronald P. Caputo, MD, FSCAI

4:00 p.m. Snuffbox Distal Radial Access: Novel Approach?
Ian C. Gilchrist Sr., MD, FSCAI

4:20 p.m. Tips to Deal With Complex Arm and Chest Vasculature
Sunil V. Rao, MD, FSCAI

4:30 p.m. Complex PCI and CTO From Radial Access
Prashant Kaul, MD, FSCAI

4:40 p.m. Radial Access in STEMI and Shock: The Last Frontier
Adhir R. Shroff, MD, MPH, FSCAI
FRIDAY, APRIL 27 (CONTINUED)

9:30–10:30 a.m.  New Technology and/or Techniques: First-in-Man Experience
Moderators: Maurice Buchbinder, MD, FSCAI, Dmitriy 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 Petersen 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
Anezi Uzendu, MD
9:50 a.m.  Treatment of Coronary Obstruction Following PVL Closure
Hussam Suradi, MD, FSCAI
10:00 a.m.  Balloon Angioplasty to Facilitate Transfemoral TAVR in Peripheral Vascular Disease
Gaurav Rao, MD
10:10 a.m.  A Case of the Disappearing Metallic Stent
Wisam Z. Alfay, MD

11 a.m.–noon  What Would Experts Do? Case-Based Presentations
Moderators: Ted A. Bass, MD, MSCAI; Cindy L. Grines, MD, FSCAI
Panelists: George D. Dangas, MD, PhD, MSCAI; Tarek Helmy, MD, FSCAI; Kreton Mavromatis, MD, FSCAI; Jeffrey M. Schussler, MD, FSCAI
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
Perwaiz M. Meraj, MD, FSCAI
11:30 a.m.  STEMI and Multivessel Disease—Culprit-Only, Multivessel PCI, Stage It?
Abdullah Shehab, MD, PhD, FSCAI
11:45 a.m.  Hybrid Revascularization—Can We Combine the Best of CABG and PCI?
M. Chadi Alraies, MD, MPH
1:30–3:00 p.m. **All Hands on Deck:**
Managing Complications

Moderators: Robert J. Applegate, MD, MSCAI; Paul Teirstein, MD, FSCAI

Panelists: Waqar H. Ahmed, MD, MS, FSCAI; Jeffrey J. Cavendish, MD, FSCAI; David P. Lee, MD, FSCAI

1:30 p.m. How to Treat Coronary Perforation
Hani Jneid, MD, FSCAI

1:40 p.m. How to Treat Coronary Dissection
Santiago Garcia, MD, FSCAI

1:50 p.m. Acute Vessel Closure: Now What?
Keshav R. Nayak, MD, FSCAI

2:15 p.m. Stent Is Gone: Equipment Loss and/or Entrapment
David P. Slovut, MD, PhD, MHA, FSCAI

2:25 p.m. Cold Foot After PCI: Managing Vascular Complications
Andrew J. Klein, MD, FSCAI

2:35 p.m. How to Prevent Contrast and Radiation Injury
Anand Prasad, MD, FSCAI

3:30–4:30 p.m. **Cath Conference:**
Challenging and Complex Cases

Moderators: George D. Dangas, MD, PhD, MSCAI; John C. Messenger, MD, FSCAI

Panelists: Salman A. Arain, MD, FSCAI; Charles E. Chambers, MD, MSCAI; Jeff J. Marshall, MD, MSCAI

3:30 p.m. Cardiogenic Shock Patient With Multivessel Disease: Complete Revascularization and When?
Puja B. Parikh, MD, MPH, FSCAI

3:40 p.m. Stable Multivessel Disease, High Syntax, Low EF
Perwaiz M. Meraj, MD, FSCAI

3:50 p.m. Unprotected Distal Left Main Disease: PCI vs. CABG?
Sudhir Rathore, MBBS, MD

4:00 p.m. Stable Single Vessel CAD: What Have We Learned From ORBITA?
Beau M. Hawkins, MD, FSCAI

4:10 p.m. Spontaneous Coronary Artery Dissection: Resist the Temptation
Jacqueline Saw, MD, FSCAI
**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

7:30–9:15 a.m.  **CPVI: Interactive Case Discussions**

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

7:35 a.m.  Presentation of Case 1 (Iliac)  
*Douglas E. Drachman, 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: 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.  **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?  
*Douglas E. Drachman, MD, FSCAI*

9:40 a.m.  Complex Aorto-Iliac Intervention: CTO/TASC D, Bifurcation Disease, Covered Stents  
*Ehrin J. Armstrong, MD, MSc, MAS, FSCAI*

9:50 a.m.  Moderated Discussion  
*Sahil A. Parikh, MD, FSCAI*

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*

10:20 a.m.  Best Practices for Endovascular Treatment in the SFA—Drug Delivery Technology  
*Sahil 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**

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

9:00 a.m.  Challenges to Forming a PERT: How We Did It  
*Jay S. Giri, MD, MPH, FSCAI*

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

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*

9:55 a.m.  Invasive Management of Intermediate and High-Risk PE: Tools of the Trade  
*Herbert D. Aronow, MD, FSCAI*

10:05 a.m.  CTEPH: Don’t Bring a Knife to a Balloon Fight  
*Ehtisham Mahmud, MD, FSCAI*
11:00 a.m.–noon  Deep Venous Thrombosis (DVT): More Than Just Pills
Moderators: Robert A. Schainfeld, DO; Peter A. Soukas, MD, FSCAI
11:00 a.m.  Invasive Management of Iliofemoral DVT: Is There Still a Role for CDT Following the ATTRACT Trial?
Peter A. Soukas, MD, FSCAI
11:10 a.m.  Venous Stenting: When, How, and What Type?
Robert A Schainfeld, DO
11:20 a.m.  IVC Filters—When to Hold 'Em and When to Fold 'Em
Satish Madiraju, MD, FSCAI
11:30 a.m.  Prevention and Management of Post-Thrombotic Syndrome
Sheila Sahni, MD
1:30–3:00 p.m.  Superficial Venous Disease: Going Beyond Cosmetics
Moderators: Aravinda Nanjundappa, MD, MBBS, FSCAI; Walid S. Saber, MD, FSCAI
1:30 p.m.  Clinical Scores and Noninvasive Vascular Imaging for Diagnosis and Follow-Up
Suhail Dohad, MD
1:40 p.m.  Appropriateness of Medical vs. Invasive Therapy for Superficial Venous Disease
Aravinda Nanjundappa, MD, MBBS, FSCAI
1:50 p.m.  Ablation Case Review: Thermal vs. Nonthermal
Venkata Satish Gadi, MBBS, FSCAI
2:15 p.m.  Sclerotherapy Case Reviews: Liquid and Foam
Khusrow A. Niazi, MD, FSCAI
2:25 p.m.  Phlebectomy and Glue Case Reviews
Robert Coronado, MD
2:35 p.m.  Treating Perforators: A Case-Based Approach
Walid S. Saber, MD, FSCAI
3:30–5:00 p.m.  How to Start a Vascular Practice: A Primer for Fellows and Early Career Members
Moderators: Suhail Dohad, MD; Christopher J. White, MD, MSCAI
Panelist: Dhaval Kolte, MD, PhD
3:30 p.m.  How to Start a Practice: Early Career IC Perspective
Brian C. Kolski, MD
3:40 p.m.  How Not to Start a Practice: Perspective From a Seasoned IC
Christopher J. White, MD, MSCAI
3:50 p.m.  ABVM, RPVI: What Certifications Do You Need?
Sahil A. Parikh, MD, FSCAI
4:15 p.m.  Reaching Cross-Disciplinary Consensus on Privileging
Subhash Banerjee, MD, FSCAI
4:25 p.m.  The Vascular Team Approach
Andrew J. Klein, MD, FSCAI
4:35 p.m.  Setting Up a Vascular CQA/CQI Program
Paul Michael Grossman, MD, FSCAI

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

- [**Coronary Track**](#)
- [**Peripheral Track**](#)
- [**Structural Track**](#)
- [**Congenital Track**](#)
- [**CATH Lab Boot Camp**](#)
- [**fellows Summit**](#)
- [**Saturday Sessions**](#)

## Peripheral Track — Harbor A

### Friday, April 27

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

1:30–3:00 p.m. Critical Limb Ischemia (CLI): How Far Is Too Far?
Moderators: Larry J. Diaz, MD, FSCAI; Mehdi Shishehbor, DO, FSCAI
1:30 p.m. Noninvasive Imaging for CLI (Ultrasound, CTA, and MRA)
Mehdi Shishehbor, DO, FSCAI
1:40 p.m. Vascular Access How and When: Antegrade, Retrograde, Tibiopedal, TR, TB, Other?
Larry J. Diaz, MD, FSCAI
1:50 p.m. Flying Blind Works: Crossing and Re-Entry Techniques for Long CTOs
D. Chris Metzger, MD, FSCAI
2:15 p.m. Choosing Your Weapon: Atherectomy, DES, BMS, TOBA, PTA, DCB, and FFA
Salman A. Arain, MD, FSCAI
2:25 p.m. Bypass vs. Endo: What to Do Until We Know What Is Best
Kenneth Rosenfield, MD, MHCDS, MSCAI
2:35 p.m. When to Walk Away: Noninvasive Management of CLI
Douglas E. Drachman, MD, FSCAI

3:30–4:30 p.m. Complications: Get Me Out of Here!
Moderators: Dmitriy N. Feldman, MD, FSCAI; Andrew J. Klein, MD, FSCAI
3:30 p.m. Vascular Access Catastrophes
Andrew J. Klein, MD, FSCAI
3:40 p.m. Iliac Perforation
Aravinda Nanjundappa, MD, MBBS, FSCAI
3:50 p.m. Distal Embolization
Larry J. Diaz, MD, FSCAI
4:00 p.m. Stent Acrobatics
Curtiss T. Stinis, MD, FSCAI

All session speakers are also panelists.
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, MScAI; 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
Tamim M. Nazif, MD, FSCAI

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?
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

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, MD, FSCAI

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 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

10:18 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
1:30–3:00 p.m.  Structural Interventions: A Procedural Toolbox
Moderators: Molly Szerlip, MD, FSCAI; Zoltan G. Turi, MD, MSCAI
Panelist: 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, MSCAI

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

3:00–4:00 p.m.  Nonvalvular Interventions: Treating Bumps, Holes, and Tunnels
Moderators: Srihari S. Naidu, MD, FSCAI; John P. Vavalle, MD, MHS
Panelist: John K. Forrest, MD, FSCAI

3:00 p.m.  Septal Ablation for HOCM: Selecting the Patient
George S. Hanzel, MD, FSCAI

3:10 p.m.  Optimizing Septal Ablation Outcomes
John S. Douglas Jr., MD, FSCAI

3:20 p.m.  Ventricular Septal Defect Closures: Technique and Outcomes
David X. Zhao, MD, FSCAI

3:30 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, MSCAI
Panelists: Howaida El-Said, MD, FSCAI; James P. Stewart, MD

4:30 p.m.  PFO: When to Close
Srihari S. Naidu, MD, FSCAI

4:40 p.m.  ICE vs. TEE for PFO Closure and Other Procedures
Clifford J. Kavinsky, MD, PhD, MSCAI

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, MSCAI

5:15–6:00 p.m.  Tricuspid Valve: The Final Frontier
Moderators: Saibal Kar, MD, FSCAI; Aravinda Nanjundappa, MD, MBBS, FSCAI
Panelists: Clifford J. Kavinsky, MD, PhD, MSCAI; Michael J. Rinaldi, MD, FSCAI

5:15 p.m.  Tricuspid Regurgitation: How to Assess, When to Treat
Rebecca T. Hahn, MD

5:25 p.m.  Mitraclip 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

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

#### STRUCTURAL TRACK

**Seaport F**

**THURSDAY, APRIL 26**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 a.m.</td>
<td>TAVR Academy I: Expanding Indications and Optimizing Outcomes</td>
<td>Moderators: Stanley J. Chetcuti, MD, FSCAI; Chandan Devireddy, MD, FSCAI</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>TAVR Guidelines Update: Who, When, How?</td>
<td>Clifford J. Kavinsky, MD, PhD, MSCAI</td>
</tr>
<tr>
<td>9:10 a.m.</td>
<td>Low-Flow, Severe AS: When Does TAVR Help?</td>
<td>Puja B. Parikh, MD, MPH, FSCAI</td>
</tr>
<tr>
<td>9:45 a.m.</td>
<td>Bicuspid Valve TAVR: Tips and Tricks</td>
<td>Hasan Jilaihawi, MD</td>
</tr>
<tr>
<td>9:55 a.m.</td>
<td>The Hostile Aortic Root: Avoiding Complications</td>
<td>Christian Spies, MD, FSCAI</td>
</tr>
<tr>
<td>10:05 a.m.</td>
<td>Aortic Valve in Valve: Optimizing Outcomes</td>
<td>Adnan K. Chhatriwalla, MD, FSCAI</td>
</tr>
<tr>
<td>11:00 a.m.–noon</td>
<td>TAVR Academy II: Controversies and Complex Decision-Making</td>
<td>Moderators: Jay S. Giri, MD, MPH, FSCAI; Kreton Mavromatis, MD, FSCAI</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Choices, Choices: Picking a Valve</td>
<td>Chandan Devireddy, MD, FSCAI</td>
</tr>
<tr>
<td>11:10 a.m.</td>
<td>TAVR for Aortic Insufficiency: Technique and Outcomes</td>
<td>Raj Makkar, MD</td>
</tr>
<tr>
<td>11:20 a.m.</td>
<td>Severe CAD in the TAVR Patient: Stent, OMT, or CABG/SAVR?</td>
<td>Ryan R. Reeves, MD</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Alternative Access: Transcaval</td>
<td>Toby Rogers, MBBS, MRCP</td>
</tr>
<tr>
<td>11:35 a.m.</td>
<td>Alternative Access: Transaxillary</td>
<td>Stanley J. Chetcuti, MD, FSCAI</td>
</tr>
<tr>
<td>11:40 a.m.</td>
<td>When to Say No: TAVR Futility</td>
<td>Anthony A. Bavry, MD, MPH</td>
</tr>
<tr>
<td>1:30–3:00 p.m.</td>
<td>TAVR Academy III: Unresolved Issues and Future Directions</td>
<td>Moderators: Danny Dvir, MD; Samir Ramesh Kapadia, MD, FSCAI</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>Debate: Cerebral Embolic Protection: Protect Everyone</td>
<td>Samir Ramesh Kapadia, MD, FSCAI; Alok Sharma, MD</td>
</tr>
<tr>
<td>1:35 p.m.</td>
<td>Debate: Cerebral Embolic Protection: Use Selectively</td>
<td>Steven J. Yakubov, MD, FSCAI</td>
</tr>
<tr>
<td>1:40 p.m.</td>
<td>Valve Thrombosis: Diagnosis, Treatment, and Prevention</td>
<td>Saif Anwaruddin, MD</td>
</tr>
<tr>
<td>1:50 p.m.</td>
<td>Surgical vs. Transcatheter Valve Durability</td>
<td>Kendrick A. Shunk, MD, PhD, FSCAI</td>
</tr>
<tr>
<td>2:15 p.m.</td>
<td>Aiming Lower: TAVR in the Surgically Low-Risk Patient</td>
<td>Steven J. Yakubov, MD, FSCAI</td>
</tr>
<tr>
<td>2:25 p.m.</td>
<td>Heart Valves on the Horizon</td>
<td>Michael J. Reardon, MD</td>
</tr>
<tr>
<td>2:35 p.m.</td>
<td>Expanding the Indications: Aortic Insufficiency (AI), Asymptomatic Severe (AS), Moderate AS in CHF</td>
<td>James B. Hermiller, MD, MSCAI</td>
</tr>
</tbody>
</table>
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 Is 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

FRIDAY, APRIL 27
8:00–9:30 a.m.  Transcatheter Mitral Valve Repair: Beyond the Basics
Moderators: Maurice Buchbinder, MD, FSCAI; Ted E. Feldman, MD, MSCAI
Panelists: Sammy Elmariah, MD, MPH, FSCAI; Molly Szerlip, MD, FSCAI

8:00 a.m.  Advanced Echo Guidance of Transcatheter Mitral Repair
Rebecca T. Hahn, MD

8:10 a.m.  Beyond A2/P2: Advanced Edge-to-Edge Repair
Brijeshwar S. Maini, MD

8:20 a.m.  Avoiding and Managing Mitraclip Complications
Santiago Garcia, MD, FSCAI

8:45 a.m.  Mitraclip for Non-High-Risk Patients: Should the Bar Be Lowered?
Samir Ramesh Kapadia, MD, FSCAI

8:55 a.m.  Mitraclip for Functional MR
Saibal Kar, MD, FSCAI

9:05 a.m.  Emerging Repair Strategies: Annuloplasty, Artificial Chords, Etc.
Christian Spies, MD, FSCAI

All session speakers are also panelists.
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, MSCAI; 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, MSCAI
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, MSCAI
Panelists: Stanley J. Chetcuti, MD, FSCAI; Ramon Quesada, MD, FSCAI; Kendrick A. Shunk, MD, PhD, FSCAI
11:00 a.m. A Review of the Data and the Tools
Eric Horlick, MD, FSCAI
11:10 a.m. Closing the Mitral Paravalvular Leak: Case
Mathew J. Daniels, MD, PhD, BSc, FSCAI
11:20 a.m. Closing the SAVR Paravalvular Leak: Case
Chad Kliger, MD, FSCAI
11:30 a.m. Closing the TAVR Paravalvular Leak: Case
Ignacio Inglessis, MD, 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. Pulmonic Valve Replacement Case
Anita W. Asgar, MD
1:40 p.m. Discussion
Shabana Shahanavaz, MBBS, FSCAI
1:45 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
Ignacio Inglessis, 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
FRIDAY, APRIL 27 (continued)

3:30–4:30 p.m.  SHD/CHD Combined Part II:
We Blew It!

Moderators: David L. Brown, MD, FSCAI; Eric Horlick, MD, FSCAI; Shakeel Ahmed Qureshi, MD, FSCAI
Panelists: Saif Anwaruddin, MD; Ignacio Inglessis, MD, FSCAI; James P. Stewart, MD

3:30 p.m.  Transapical Valve-in-Valve Implantation for
Immediate Postoperative Severe Bioprosthetic
Mitral Valve Stenosis
Vinisha Garg, MD

3:40 p.m.  Successful Watchman LAAC Emboli Retrieval
Anggia C. Lubis, MD

3:50 p.m.  Discussion

4:00 p.m.  Closing Latrogenic ASDs
Creighton W. Don, MD, PhD, FSCAI

4:10 p.m.  Challenging Case of TAVR in Aortic Homograft
Sharan Rufus, MD

All session speakers are also panelists.
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
Mariel 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: Osamah Aldoss, 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. Glatz, MD, MSCE
5:35 p.m. Rotational Imaging: Recipes for Success
Thomas E. Fagan, MD, FSCAI
5:45 p.m. MRI-Guided Therapy
Kanishka Ratnayaka, MD

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

**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. Lamers, MD, FSCAI; Charles E. Mullins, MD, MSCAI

- **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.** Assistive 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; 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

- **3:30 p.m.** Baffled!  
  *Mark Osten, MD, FSCAI*

- **3:44 p.m.** Thankful That I Had Dinner With Family That Night  
  *Osamah Aldoss, MD, FSCAI*

- **3:58 p.m.** Full Metal Jacket  
  *Daniel McLennan, MBBS*

- **4:12 p.m.** Melody Troubles: Bailing Out a Jailed Right Pulmonary Artery  
  *Jesse W. Lee, MD*

- **4:26 p.m.** Have Sapien Will Travel  
  *Tom Forbes, MD, FSCAI*

- **4:40 p.m.** The Road Less Traveled  
  *Shabana Shahanavaz, MBBS, FSCAI*

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

Panelist: 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. Lamers, MD, FSCAI; Kanishka Ratnayaka, MD; Sara M. Trucco, MD, FSCAI

11:00 a.m.–noon  The Young Guns: Bullets and Blanks

Moderators: Sarosh P. Batlivala, 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, MBA

11:45 a.m.  Decision-Making Skills for Young Interventionalists: Another Perspective

Larry A. Latson, MD, FSCAI
## CONGENITAL TRACK

### 1:30–3:00 p.m.  SHD/CHD Combined Part I: Learning From Each Other

**Room: Seaport F**

**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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30</td>
<td>Pulmonic Valve Replacement Case</td>
<td>Anita W. Asgar, MD</td>
</tr>
<tr>
<td>1:40</td>
<td>Discussion</td>
<td>Shabana Shahanavaz, MBBS, FSCAI</td>
</tr>
<tr>
<td>1:45</td>
<td>Pulmonary Artery Intervention Case</td>
<td>Ehtisham Mahmud, MD, FSCAI</td>
</tr>
<tr>
<td>1:55</td>
<td>Discussion</td>
<td>John P. Breinholt, III, MD, FSCAI</td>
</tr>
<tr>
<td>2:00</td>
<td>Pulmonary Vein Intervention Case</td>
<td>Holly Bauser-Heaton, MD, PhD</td>
</tr>
<tr>
<td>2:10</td>
<td>Discussion</td>
<td>Samir Ramesh Kapadia, MD, FSCAI</td>
</tr>
<tr>
<td>2:15</td>
<td>Aortic Coarctation Treatment Case</td>
<td>Ignacio Inglessis, MD, FSCAI</td>
</tr>
<tr>
<td>2:25</td>
<td>Discussion</td>
<td>Robert N. Vincent, MD, FSCAI</td>
</tr>
<tr>
<td>2:30</td>
<td>TAVR Case</td>
<td>Lynn F. Peng, MD, FSCAI</td>
</tr>
<tr>
<td>2:40</td>
<td>Discussion</td>
<td>Creighton W. Don, MD, PhD, FSCAI</td>
</tr>
<tr>
<td>2:45</td>
<td>VSD Closure Case</td>
<td>Shakeel Ahmed Qureshi, MD, FSCAI</td>
</tr>
<tr>
<td>2:50</td>
<td><a href="#">Discussion</a></td>
<td><a href="#">Shaneel Ahmed Qureshi, MD, FSCAI</a></td>
</tr>
</tbody>
</table>

### 3:30–4:30 p.m.  SHD/CHD Combined Part II: We Blew It!

**Room: Seaport F**

**Moderators:** David L. Brown, MD, FSCAI; Eric Horlick, MD, FSCAI; Shakeel Ahmed Qureshi, MD, FSCAI

**Panelists:** Saif Anwaruddin, MD; Ignacio Inglessis, MD, FSCAI; James P. Stewart, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30</td>
<td>Transapical Valve-in-Valve Implantation for Immediate Postoperative Severe Bioprosthetic Mitral Valve Stenosis</td>
<td>Vinisha Garg, MD</td>
</tr>
<tr>
<td>3:40</td>
<td>Successful Watchman LAAC Emboli Retrieval</td>
<td>Anggia C. Lubis, MD</td>
</tr>
<tr>
<td>3:50</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>4:00</td>
<td>Closing Latrogenic ASDs</td>
<td>Creighton W. Don, MD, PhD, FSCAI</td>
</tr>
<tr>
<td>4:10</td>
<td>Challenging Case of TAVR in Aortic Homograft</td>
<td>Sharan Rufus, MD</td>
</tr>
</tbody>
</table>

All session speakers are also panelists.
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.  MACRA and MIPS: Where Are We Now?  
Daniel M. Kolansky, MD, FSCAI
9:10 a.m.  The Past, Present, and Future of Bundled Payments  
Cathleen Biga, RN, MSN
9:20 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. Henry, MD, MSCAI
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

11:00 a.m.–noon  SCAI/ACC Joint Session II: Registries, Reporting, and Quality Metrics
Moderators: Herbert D. Aronow, 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

1:30–3:00 p.m.  Leadership: Partnering for Success
Moderators: Robert J. Applegate, MD, MSc; Albert E. Raizner, MD, MSc
1:30 p.m.  The Evolving Role of the Cath Lab Director  
Stanley J. Chetcuti, MD, FSCAI
1:40 p.m.  The Evolving Role of the Cath Lab Administrator  
Ramesh Sivagnanam, MBA
1:50 p.m.  Establishing a Safety Culture in the Cath Lab  
Arnold H. Seto, MD, FSCAI
2:15 p.m.  The Cardiovascular Service Line: An Administrator Perspective  
Lisa Murphy, MBA, CPA
2:25 p.m.  The Cardiovascular Service Line: A Physician Perspective  
Peter L. Duffy, MD, MMM, FSCAI
2:35 p.m.  Capital Spending: Selecting Technology and Equipment for the New Lab  
Molly Szerlip, MD, FSCAI
3:30–5:00 p.m.  Keeping the Cath Lab Safe for Patients and Operators  
Moderators: James A. Goldstein, MD, FSCAI; Lloyd W. Klein, MD, FSCAI  
Panelists: Neal S. Kleiman, MD, FSCAI; Sheila Sahni, MD  
3:30 p.m.  Patient Radiation Skin Injury: Frequency, Prevention, and Treatment  
James A. Goldstein, MD, FSCAI  
3:40 p.m.  Operator Risks: Does Radiation Lead to Cancer, Cataracts, and Reproductive Issues?  
Roxana Mehran, MD, MSCAI  
3:50 p.m.  Health Hazards Beyond Radiation: Orthopedic and Cardiovascular Risk  
Lloyd W. Klein, MD, FSCAI  
4:15 p.m.  Reducing Exposure and Injury  
Jayant Bagai, MD, FSCAI  
4:25 p.m.  Reducing Exposure: Is Robotic PCI an Answer?  
Giora Weisz, MD, FSCAI  
4:35 p.m.  Sleep Deprivation: A Problem?  
Yader Sandoval, MD  

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, MS, FSCAI  
8:00 a.m.  Overview of Cath Lab Accreditation  
Arnold H. Seto, MD, FSCAI  
8:10 a.m.  Accreditation and Cath Reports: Where to Begin  
Aimee K. Armstrong, MD, FSCAI  
8:20 a.m.  How IAC Accredits Your Cath Lab: Nuts and Bolts  
Frank C. Vermeiren, MS, RT (R)(CV), RDCS  
8:30 a.m.  Discussion: Role and Benefits of Cath Lab Accreditation  
8:45 a.m.  Structural Imaging: An Emerging Role for Noninvasive Imagers in the Cath Lab  
Rebecca T. Hahn, MD  
8:55 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
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?
Adnan K. Chhatriwalla, MD, FSCAI
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. Julien, PA, MSN, CRNP
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
FELLOWS SUMMIT FOR COMPLEX CASES
America’s Cup, Level 4

THURSDAY, APRIL 26
5:30–6:30 p.m.  Complex High-Risk Interventional Procedures (CHIP): Part I
Moderators: William L. Lombardi, MD, FSCAI; Manish A. Parikh, MD, FSCAI
Panelists: Paul Teirstein, MD, FSCAI; Giora Weisz, MD, FSCAI
5:30 p.m.  Introduction
5:45 p.m.  Sometimes There Are No Good Choices
Stewart Benton, MD
6:00 p.m.  Protected PCI Complicated by LV Thrombus
Post-Impella Adherent to Impella
Amit Gupta, MD
6:15 p.m.  Cardiogenic Shock, Ischemic MR and Multivessel CAD: Who, When, and How?
Eric Secemsky, MD

FRIDAY, APRIL 27
7:30–8:00 a.m.  Breakfast
7:45–8:45 a.m.  CHIP Part II
Moderator: Timothy D. Henry, MD, MSCAI; Jacqueline Saw, MD, FSCAI
Panelists: Manish A. Parikh, MD, FSCAI; Adhir R. Shroff, MD, MPH, FSCAI
7:45 a.m.  Compression of Left Internal Mammary Artery Graft From Saphenous Vein Graft Aneurysm in a Surgically High-Risk Patient
Zubair A. Khan, MD
8:00 a.m.  'Double Barrel' Stenting for Difficult to Cross In-Stent Chronic Total Occlusion
Bradley Nelson, MD
8:15 a.m.  Post-ViV TAVR Ostial Left Main and Left Main Bifurcation (Medina 1,1,1) Coronary Intervention
Anshuman Das, MD
8:30 a.m.  Discussion

8:45–9:30 a.m.  TRAnsition for Value
Sponsored by Medtronic
Moderators: J. Dawn Abbott, MD, FSCAI; Duane S. Pinto, MD, MPH, 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
Sunil Rao, MD, FSCAI
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 Banerjee, 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
Supawat Ratanapo, MD

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: Jamil AboulHosn, MD, FSCAI; Molly Szerlip, MD, FSCAI
Panelists: Stanley J. Chetcuti, MD, FSCAI; Duane S. Pinto, MD, MPH, FSCAI; Kimberly A. Skelding, MD, FSCAI

1:30 p.m.  Staying Classy in the Cath Lab
Daniel McLennan, 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
Michele Pighi, 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 Torrential AI in a Patient With LVAD
Nishtha Sodhi, MD

3:00 p.m.  Complication After Complication—Will This Case Ever End?
Nirmanmoh 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.

All session speakers are also panelists.
SATURDAY, APRIL 28

7:30 a.m.–1:00 p.m.  Emerging Leader Mentorship (ELM) Program

Room: Seaport F

Moderator: Thomas M. Tu, MD, FSCAI

7:30 a.m.  Industry Breakfast Welcome and Updates
Thomas M. Tu, MD, FSCAI

7:45 a.m.  What Is Industry Looking for in a National Leader?
Paul Khait, MBA

8:15 a.m.  Who Is the Ideal Mentee?
M. Chadi Alraies, MD, MPH

8:45 a.m.  How I Got Where I Am: My Greatest Successes and Failures
Gary S. Roubin, MD, PhD

9:30 a.m.  Time Management and How to Effectively Split Your Time Between Clinical, Scholarly, Educational, and Personal/Family Demands
Emmanouil S. Brilakis, MD, PhD, FSCAI

10:00 a.m.  Academic Promotion Models and How to Plan for Your Promotion While Prioritizing National Leadership
Sunil V. Rao, MD, FSCAI

10:30 a.m.  How to Get on Editorial Boards, Become an Editor-in-Chief, or Write Your Own Book: Is It Worth It From a Leadership Standpoint?
J. Dawn Abbott, MD, FSCAI

11:15 a.m.  Panel Discussion on Paths to National Leadership
Moderator: Srihari S. Naidu, MD, FSCAI
Panelists: Ziyad M. Hijazi, MD, MScCIA; Ehtisham Mahmud, MD, FSCAI; Gary S. Roubin, MD, PhD

8:00 a.m.–noon  Cardio-Oncology and Interventional Cardiology

Room: Seaport H

8:00–9:30 a.m.  Part I

Moderators: Cezar A. Iliescu, MD, FSCAI; Konstantinos Marmagkiolis, MD, FSCAI

8:00 a.m.  Cardio-Oncology in the Cath Lab: Achievements and Challenges
Konstantinos Marmagkiolis, MD, FSCAI

8:10 a.m.  Acute Coronary Syndrome in Cancer Patients: Medical Management vs. Early Invasive Approach
Konstantinos Toutouzas, MD, PhD, FSCAI

8:20 a.m.  POBA, BMS, DES, or Bioabsorbable Stents in Cancer Patients
Cindy L. Grines, MD, FSCAI

8:30 a.m.  Cancer in the Cath Lab: How Does Chemotherapy Affect the Progression of CAD and Stent Endothelialization?
Joerg Herrmann, MD

8:40 a.m.  Optical Coherence Tomography-Guided Discontinuation of Dual Antiplatelet Therapy in Cancer Patients
Cezar A. Iliescu, MD, FSCAI

8:50 a.m.  Cancer Patients and CAD: An Algorithm to Identify the Best Road Forward (PCI vs. CAGB vs. Hybrid)
Konstantinos D. Boudoulas, MD, FSCAI

9:10 a.m.  FFR-Guided PCI in Cancer Patients
Abdul Hakeem, MD, FSCAI

9:20 a.m.  Cardiac Tamponade in Cancer Patients: The Search for the Perfect Procedure
Cezar A. Iliescu, MD, FSCAI
SCHEDULE AT A GLANCE BY TRACK

SATURDAY SESSIONS

SATURDAY, APRIL 28 (continued)

9:45–11:00 a.m. Part II
Moderators: Mehmet Cilingiroglu, MD, FSCAI; Joerg Herrmann, MD

9:45 a.m. PCI or CABG in the Treatment of Radiation-Induced CAD?
Konstantinos Marmagkiolis, MD, FSCAI

9:55 a.m. OCT and Radiation
Cezar A. Iliescu, MD, FSCAI

10:05 a.m. Carcinoid Heart Disease, a Contemporary Approach
Juan C. Lopez-Mattei, MD

10:15 a.m. Structural Procedures in Cancer Patients: TAVR, Mitraclip, and LAA Closure
Mehmet Cilingiroglu, MD, FSCAI

10:25 a.m. Interventional and Multimodality Imaging in Cancer Patients: ICE, TEE, CT, and Cardiac MR
Eric H. Yang, MD

10:45 a.m. Cardiac Tumor Biopsy in the Cath Lab, Indications, and Keys to Success
Cezar A. Iliescu, MD, FSCAI

8:00 a.m.–noon SCAI/Heart Failure Society of America (HFSA) Joint Session
Room: Seaport A

8:00–9:30 a.m. Advanced Hemodynamic Techniques
Moderators: Steven R. Bailey, MD, MSCAI; Carlos E. Ruiz, MD, PhD, MSCAI

8:00 a.m. Is There a Role for the Hemodynamicist in the Cath Lab?
Carlos E. Ruiz, MD, PhD, MSCAI

8:12 a.m. Pulmonary Hypertension: How to Perform a Good Right-Heart Cath
Gregg M. Lanier, MD

8:24 a.m. Exercise Hemodynamics: Techniques, Indications, and Pitfalls
Chad Kliger, MD, FSCAI

8:36 a.m. What's New in the Hemodynamic Assessment of Restriction vs. Constriction?
Cindy L. Grines, MD, FSCAI

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?
Saibal Kar, MD, FSCAI

10:33 a.m. Renal Denervation to Reverse Diastolic Heart Failure: Can It Work?
Mitul 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

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

SATURDAY, APRIL 28 (continued)

9:00 a.m.–noon  SCAI/American Association for Thoracic Surgery (AATS) Heart Team Summit
Room: San Diego Convention Center, Room 25ABC

9:00–10:00 a.m.  Mitral and Tricuspid Valve
Moderators: Kenneth Rosenfield, MD, MHCDS, MSCAI; Vinod H. Thourani, MD
Panelists: Ted E. Feldman, MD, MSCAI; Morton J. Kern, MD, MSCAI; Christian Shults, MD
9:00 a.m.  The Future of Treating Mitral Regurgitation: Surgical and Transcatheter Replacement Techniques
Vinod H. Thourani, MD
9:13 a.m.  The Future of Treating Mitral Regurgitation: Surgical and Transcatheter Repair Techniques
Ted E. Feldman, MD, MSCAI
9:25 a.m.  Panel Discussion With Mock Heart Team
Case 1: Christian Shults, MD
Case 2: Ted E. Feldman, MD, MSCAI

10:00–11:00 a.m.  Coronary Artery Disease
Moderators: Joseph Derose, MD; Morton J. Kern, MD, MSCAI
Panelists: Azeem Khan, MD; Michael J. Lim, MD, FSCAI; Hersh S. Maniar, MD
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 Derose, MD
10:25 a.m.  Panel Discussion With Mock Heart Team
Case 1: Azeem Khan, MD
Case 2: Michael J. Lim, MD, FSCAI

11:00 a.m.–noon  Aortic Valve Disease
Moderators: S. Chris Malaisrie, MD; William M. Suh, MD, FSCAI; Kenneth Rosenfield, MD, MHCDS, MSCAI
Panelists: Mark Russo, MD; Molly Szerlip, MD, FSCAI
11:00 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, MSCAI
Vinod H. Thourani, MD
MASTERS’ APPROACH TO CRITICAL LIMB ISCHEMIA
COMPLEX HIGH-RISK PCI
FRONTIERS IN STRUCTURAL HEART DISEASE

Travel grants available for early applicants

Tuition Rates
Physicians $250
Residents, Nurses, Techs, Fellows $100
Industry Personnel $250

Directors
Subhash Banerjee, MD
Emmanouil S. Brilakis, MD, PhD
Mehdi H. Shishehbor, DO, MPH, PhD
Paul Sorajja, MD

Meeting Highlights
150 world-class faculty • Procedure-related tips and tricks • Live case telecasts from around the world • Interactive talks, debates and workshops • Challenging case contest • Early career scholarships available • Industry exhibits • Poster presentations

Accreditation
Physicians: CMEsolutions has given preliminary approval for 16.35 AMA credits. The 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 ACPE 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 approver of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. For more information regarding contact hours, please call Cardiovascular Innovations Foundation at 440-821-1026.
Radiologic Technologists: Category A/A+ CE credit is pending approval by the ASRT

Register at: www.cvinnovations.org
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

<table>
<thead>
<tr>
<th>Poster Session I</th>
<th>Poster Session II</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display</strong></td>
<td><strong>Display</strong></td>
</tr>
<tr>
<td>4:00–6:00 p.m.</td>
<td>6:00–7:30 p.m.</td>
</tr>
<tr>
<td>• Acute Coronary Syndromes &amp; MI, Thrombectomy, and Vulnerable Plaque</td>
<td>• Complex PCI, Restenosis, Left Main, and Multivessel Intervention</td>
</tr>
<tr>
<td>• Left Main &amp; Multivessel Intervention</td>
<td>• Imaging: CT, MR, and Noninvasive Imaging</td>
</tr>
<tr>
<td>• Pharmacotherapy</td>
<td>• Intravascular Imaging (IVUS/OCT/NIR/Other) and Physiology (FFR/iFR/IMR/other)</td>
</tr>
<tr>
<td><strong>Discussion</strong></td>
<td><strong>Discussion</strong></td>
</tr>
<tr>
<td>4:00–4:30 p.m.</td>
<td>6:00–6:30 p.m.</td>
</tr>
<tr>
<td>Moderators: Jeffrey W. Chambers, MD, FSCAI; Sundee Mishra, MD, DM, FSCAI</td>
<td>Moderators: Ahmed Magdy, PhD, FSCAI; Barry F. Uretsky, MD, MSCAI</td>
</tr>
<tr>
<td>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</td>
<td>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; Tamam Mohamad, MD, RPVI, FSCAI; Muhammad Munawar, MD, PhD, FSCAI; Sudhir Rathore, MBBS, MD</td>
</tr>
</tbody>
</table>

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.

Moderators: David A. Cox, MD, MSCAI; John S. Douglas Jr., MD, FSCAI

Case Presenters: Amir Kaki, MD, FSCAI; Ahmed Magdy, PhD, FSCAI; Oscar A. Mendiz, MD, 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
# RESEARCH PRESENTATIONS

## THURSDAY, APRIL 26

<table>
<thead>
<tr>
<th>Poster Session III</th>
<th>Poster Session IV</th>
<th>Poster Session V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>Display</td>
<td>Display</td>
</tr>
<tr>
<td>10:00 a.m.–noon</td>
<td>12:30–3:30 p.m.</td>
<td>3:30–5:00 p.m.</td>
</tr>
<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>
</tr>
<tr>
<td></td>
<td>• Valvular Interventions and Structural Heart Disease (Part 2)</td>
<td>• Contrast Agents</td>
</tr>
<tr>
<td>Discussion</td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
<tr>
<td>10:30–11:00 a.m.</td>
<td>3:00–3:30 p.m.</td>
<td>5:00–5:30 p.m.</td>
</tr>
<tr>
<td>Moderators: Brijeshwar S. Maini, MD; Oscar A. Mendiz, MD, FSCAI</td>
<td>Moderators: Jianfang Luo, MD, FSCAI; Christopher J. White, MD, MScAI</td>
<td>Moderators: Lloyd W. Klein, MD, FSCAI; Daniel M. Kolansky, MD, FSCAI</td>
</tr>
<tr>
<td>Poster Discussants: M. Chadi Alraies, MD, MPH; Saif Anwaruddin, MD; Anita W. Asgar, MD; Rodrigo Bagur, MD, PhD; Anthony A. Bavry, MD, MPH; Adnan 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; Ehrin J. Armstrong, MD, MSc, MAS, 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</td>
<td>Poster Discussants: James A. Goldstein, MD, FSCAI; Kalon 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</td>
</tr>
</tbody>
</table>

## FRIDAY, APRIL 27

<table>
<thead>
<tr>
<th>Poster Session VI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
</tr>
<tr>
<td>10:00 a.m.–noon</td>
</tr>
<tr>
<td>• Adult Congenital</td>
</tr>
<tr>
<td>• Pediatric</td>
</tr>
<tr>
<td>Discussion</td>
</tr>
<tr>
<td>10:30–11:00 a.m.</td>
</tr>
<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. Lamers, MD, FSCAI; Kanishka Ratnayaka, MD; Sara M. Trucco, MD, FSCAI</td>
</tr>
</tbody>
</table>
EXHIBIT HALL INFORMATION

THEATER PRESENTATIONS SCHEDULE
(in partnership with ICI Meeting)

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 p.m.</td>
<td>Introduction</td>
</tr>
<tr>
<td>4:05 p.m.</td>
<td>HeartFlow: Innovations in the Cath Lab: HeartFlow FFRCT to Guide Treatment Decision Making &lt;br&gt; Sahil A. Parikh, MD, FSCAI</td>
</tr>
<tr>
<td>4:15 p.m.</td>
<td>Siemens: Novel Fusion Imaging in Structural Heart Disease &lt;br&gt; Chad Kliger, MD, FSCAI</td>
</tr>
<tr>
<td>4:25 p.m.</td>
<td>Radius Medical &lt;br&gt; Richard R. Heuser, MD, FACC, FACP, FESC, FSCAI</td>
</tr>
</tbody>
</table>

TECHNOLOGY PARADE

THURSDAY, APRIL 26

Technology Parade Session 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 a.m.</td>
<td>Introduction &lt;br&gt; Richard R. Heuser, MD, FACC, FACP, FESC, FSCAI</td>
</tr>
<tr>
<td>10:05 a.m.</td>
<td>Capture Vascular: MegaVac System for Distal Protection and Thrombectomy &lt;br&gt; Jeff Chambers, MD, FSCAI</td>
</tr>
<tr>
<td>10:15 a.m.</td>
<td>TherOx: SSO2 Therapy: Hyperbaric Oxygen Reduces Infarct Size Following LAD STEMI &lt;br&gt; Richard Schatz, MD</td>
</tr>
<tr>
<td>10:25 a.m.</td>
<td>Medtronic: SPYRAL HTN Program: Latest Evidence and Global Clinical Trial Update &lt;br&gt; David Kandzari, MD, FSCAI</td>
</tr>
</tbody>
</table>

Technology Parade Session 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 p.m.</td>
<td>Introduction &lt;br&gt; Richard R. Heuser, FACC, FACP, FESC, FSCAI</td>
</tr>
<tr>
<td>3:05 p.m.</td>
<td>Genetesis: Magnetocardiography 2.0: Functional Imaging for Faster Diagnosis &lt;br&gt; Alisa L. Niksch, MD</td>
</tr>
<tr>
<td>3:15 p.m.</td>
<td>ShockWave Medical: Intravascular Lithotripsy: A New Wave in Calcium Treatment &lt;br&gt; Todd Brinton, MD</td>
</tr>
<tr>
<td>3:25 p.m.</td>
<td>Biotronik: BIOFLOW V: Comparison of Ultrathin Sirolimus-Eluting Bioresorbable Polymer Stents With Thin Everolimus-Eluting Durable Polymer Stents &lt;br&gt; David Kandzari, MD, FSCAI</td>
</tr>
</tbody>
</table>

Technology Parade Session 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 p.m.</td>
<td>Introduction</td>
</tr>
<tr>
<td>5:05 p.m.</td>
<td>SentreHEART: Epicardial vs. Endocardial LAA Closure for Stroke Prevention and More...What aMAZE Will Teach Us &lt;br&gt; Steven J. Yakubov, MD, FSCAI</td>
</tr>
<tr>
<td>5:15 p.m.</td>
<td>Verve Medical &lt;br&gt; Richard R. Heuser, MD, FACC, FACP, FESC, FSCAI</td>
</tr>
<tr>
<td>5:25 p.m.</td>
<td>Arizona Medical Systems: Introduction of the Punctual Guidewire for Arterial and Venous Access &lt;br&gt; Richard R. Heuser, MD, FACC, FACP, FESC, FSCAI</td>
</tr>
</tbody>
</table>

CASES OVER COCKTAILS

Exhibit Hall (Grand Hall, Level 1):

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.

LOCATION AND HOURS

Exhibit Hall (Grand Hall, Level 1):

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, April 25</td>
<td>7:00 a.m.–7:30 p.m.</td>
</tr>
<tr>
<td>Thursday, April 26</td>
<td>5:30–6:30 p.m.</td>
</tr>
<tr>
<td>Friday, April 27</td>
<td>10:00 a.m.–1:30 p.m.</td>
</tr>
</tbody>
</table>

CVP Lounge (Balboa AB, Level 2):

Wednesday, April 25–Friday, April 27
7:00 a.m.–5:00 p.m.

Speaker Ready Room (Harbor E, Level 2):

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, April 24</td>
<td>3:00–6:00 p.m.</td>
</tr>
<tr>
<td>Wednesday, April 25</td>
<td>6:00 a.m.–7:00 p.m.</td>
</tr>
<tr>
<td>Thursday, April 26</td>
<td>6:00 a.m.–7:00 p.m.</td>
</tr>
<tr>
<td>Friday, April 27</td>
<td>6:30–10:30 a.m.</td>
</tr>
</tbody>
</table>

Faculty Lounge (Grand Hall, Level 1):

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, April 25</td>
<td>7:00 a.m.–7:30 p.m.</td>
</tr>
<tr>
<td>Thursday, April 26</td>
<td>7:00 a.m.–6:30 p.m.</td>
</tr>
</tbody>
</table>
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

**Abiomed**
Booth 500  
www.abiomed.com
Abiomed is a leading provider of medical devices that provide circulatory support. Our products are designed to enable the heart to rest by improving blood flow and/or performing the pumping of the heart. Founded in 1981 for the purpose of developing the world’s first artificial heart, Abiomed has remained dedicated to finding ways to bring the most advanced and beneficial technology to patients and physicians.

**Accreditation for Cardiovascular Excellence**
Booth 610  
www.cvexcel.org
ACE is the global leader in accreditation and external quality review services for all catheter-based cardiovascular procedures. ACE, an independent organization offers evaluation and monitoring of facilities that provide cardiovascular care. By reviewing facility and operator performance, ACE assists facilities with improving quality.

**ACIST Medical Systems**
Booth 504  
www.acist.com
ACIST, a Bracco Group company, offers innovative technologies that simplify cardiovascular procedures and empower clinicians. The portfolio includes: CVi variable rate contrast injector, RXi the first and only “Rapid FFR” MicroCatheter system and HDi High Definition IVUS system.

**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 Inc. 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, BIB Catheters, Diagnostic and Therapeutic Balloon Catheters, Inflation Devices and Accessories, Nit-Occlud PDA Occlusion Devices, ACCEL and Asept Fluid Drainage Products, Vascular Access Systems, and other Interventional Accessories.
Baylis Medical
Booth 505
www.baylismedical.com
Baylis Medical develops and markets high-technology medical devices used in the fields of interventional cardiology and interventional radiology. Our vision is to develop and market innovative medical therapies while Improving the Lives of People Around the World. Company has offices in Montreal and Toronto (Canada), Boston (USA), and London (UK).

Best Vascular/Novoste
Booth 513
www.bestvascular.com
Novoste, based in Atlanta, Georgia, develops advanced medical treatments for coronary and vascular diseases and is the worldwide leader in vascular brachytherapy - radiation therapy delivered inside a blood vessel to prevent it from re-closing (restenosis) following balloon angioplasty and other catheter-based interventional procedures.

Biolife LLC
Booth 308
www.statseal.com
Biolife is the developer, manufacturer and marketer of StatSeal, a patented line of products that standardize, simplify and shorten the hemostasis process. This can lead to significant operational, financial and clinical benefits including:
• Increased patient throughput
• Increased same-day discharge
• Site complication reductions
• Improved patient satisfaction

Boston Scientific
Booth 300
www.bostonscientific.com
Boston Scientific transforms lives through innovative medical solutions that improve the health of patients around the world. As a global medical technology leader for more than 35 years, we advance science for life by providing a broad range of high performance solutions that address unmet patient needs and reduce the cost of health care.

BTG
Booth 201
www.btg-im.com
BTG is a global healthcare company focused on interventional medicine. Our innovative medical technology helps physicians treat their patients through minimally invasive procedures. We have a growing portfolio of products that advance the treatment of cancer, vascular conditions and severe emphysema.

Canon Medical Systems
Booth 210
us.medical.canon
Canon Medical Systems, headquartered in Tustin, Calif., markets, sells, distributes and services diagnostic imaging systems, coordinates clinical diagnostic imaging research and has responsibility for research and development for all modalities in the United States. Our innovative technologies are built to give exceptional image quality, increased accuracy and improved patient care.

Capture Vascular
Booth 213
www.capturevascular.com
Capture Vascular, Inc. is a medical device company that pursues the development and commercialization of innovative medical devices. With a strong portfolio of 30 patents, Capture’s platform technology, the MegaVac Mechanical Thrombectomy System, offers key features such as centering and securing the occlusion funnel tip position within the vessel and being able to pass other lesion disruptive devices through its lumen.

Cardiac Interventions Today
Booth 110
www.citoday.com
Endovascular Today and Cardiac Interventions Today provide interventional specialists with information encompassing techniques, technology, and clinical data. Whereas Endovascular Today has established itself as the premier peripheral vascular publication, Cardiac Interventions Today is dedicated to covering interventional procedures for coronary disease and structural heart defects.

Cardiology Today’s Intervention & Healio.com
Booth 111
www.healio.com
SLACK Incorporated invites you to our booth to pick up your free issue of CARDIOLOGY TODAY—News & Perspective for the Cardiovascular Specialist. Also see CARDIOLOGY TODAY’S INTERVENTION—a practical information resource for interventional cardiologists. To receive important email updates, register at Healio.com/cardiology.

Cardiovascular Credentialing International
Booth 114
www.cci-online.org
CCI is a not-for-profit corporation established for the purpose of administering credentialing examinations as an independent credentialing agency. CCI has been credentialing cardiovascular professionals since 1968 including ECG technicians, rhythm analysis technicians, invasive/cath lab professionals, cardiac and vascular sonographers, phlebology sonographers, and electrophysiology professionals.

Cardiovascular Innovations Foundation
Booth 108
cvinnovations.org
The mission of the Foundation is to address unmet needs in cardiovascular care through the study, design, and development of innovative health care solutions and education of health care providers and the larger public.
Cardiovascular Research Foundation (CRF)
Booth 704
www.crf.org
CRF is a nonprofit organization dedicated to helping doctors improve survival and quality of life for people suffering from heart disease through research and education. Transcatheter Cardiovascular Therapeutics (TCT), the annual scientific symposium of CRF, is the world’s premier educational meeting specializing in interventional cardiovascular medicine.

Cardiovascular Research Technologies (CRT)
Booth 710
www.crtmeeting.org
CRT is one of the world’s leading interventional cardiology conferences. The conference features focused educational and training sessions that discuss new trial data, explore evidence-based research, and demonstrate the most up-to-date techniques that can be directly applied to clinical and academic practices.

Cardiovascular Systems Inc. (CSI)
Booth 407
www.csi360.com
CSI is leading the way in the effort to successfully treat arterial calcium, a common complication for millions of patients suffering from peripheral and coronary artery diseases. Attendees will have the opportunity to have a hands-on experience with the Diamondback Coronary Orbital Atherectomy device.

CeloNova BioSciences
Booth 511
www.celonova.com
CeloNova BioSciences, Inc. is an innovative global medical device leader transforming the treatment of cardiovascular disease and promoting positive outcomes in patients. CeloNova develops, manufactures and markets a family of products based upon its novel Polyzene-F™ nanocoating technology. This next-generation nanocoating is the result of years of rigorous scientific research.

Chiesi USA
Booth 310
www.chiesiusa.com
Chiesi USA, Inc., headquartered in Cary, NC, is a specialty pharmaceutical company focused on commercializing products for the hospital and adjacent specialty markets. Chiesi USA, Inc. is a wholly-owned subsidiary of Chiesi Farmaceutici S.p.A.

Cook Medical
Booth 512
www.cookmedical.com
Since 1963 Cook Medical has worked closely with physicians to develop technologies that eliminate the need for open surgery. Today we are combining medical devices, biologic materials and cellular therapies to help the world’s healthcare systems deliver better outcomes more efficiently. We have always remained family owned so that we have the freedom to focus on what we care about: patients, our employees and our communities.

Cordis, A Cardinal Health Company
Booth 601
www.cordis.com
Cordis, A Cardinal Health company, leads in interventional vascular technology with more than 50 years of pioneering products to treat millions of patients. With clinical acumen, training and services, Cordis’ legacy of innovation in high-quality, minimally-invasive products is built on a global footprint with operations in more than 60 countries.

Corindus Vascular Robotics
Booth 506
www.corindus.com
Corindus Vascular Robotics, Inc. is a global technology leader in robotic-assisted vascular interventions. The company’s CorPath System is the first FDA-cleared medical device to bring robotic-assisted precision to interventional procedures.

Edwards Lifesciences
Booth 206
www.edwards.com
Edwards Lifesciences is the global leader in the science of heart valves and hemodynamic monitoring. Driven by a passion to help patients, the company partners with clinicians to develop innovative technologies in the areas of structural heart disease and critical care monitoring that enable them to save and enhance lives.

Fusion Medical Staffing
Booth 107
www.fusionmedstaff.com
Fusion provides career opportunities to traveling medical professionals by filling facilities staffing needs. We have been placing nurses, physical therapists, occupational therapists, PTAs, COTA’s, lab techs, and cath lab nurses with a long history of success.
EXHIBITOR INFORMATION

GE Healthcare
Booth 708
www.gehealthcare.com
GE Healthcare’s—Life Science, Core Imaging are dedicated to improving lives during the moments that matter most.

Genetesis
Booth 104
www.genetesis.com
Genetesis is a clinical stage company focused on unlocking the body’s hidden biomagnetic information to provide clinicians tools for chest pain triage. We create integrated biomagnetic solutions to improve patients’ health, outcomes, and quality of life. Our flagship product, CardioFlux™ is designed to rapidly and non-invasively scan patients utilizing AI.

Getinge
Booth 501
www.getinge.com/us/
Getinge is a leading global provider of innovative solutions for operating rooms, intensive-care units, hospital wards, sterilization departments and for life science companies and institutions. Based on first-hand experience and close partnerships, Getinge offers innovative healthcare solutions that improve every-day life for people, today and tomorrow.

Gore & Associates
Booth 507
www.goremedical.com
Gore Medical Products Division engineers devices that treat a range of cardiovascular and other health conditions. Gore builds on its legacy of improving patient outcomes through research, education, and quality initiatives. Product performance, ease of use, and quality of service provide sustainable cost savings for physicians, hospitals, and insurers.

HCA
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 only come 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® FFRct 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 thromboembolism. 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, carotid 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 pursue 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 OT54001 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.

Medicure Pharma
Booth 612
www.medicure.com
Medicure Pharma is focused on the development and commercialization of a growing portfolio of cardiovascular therapeutics for the U.S. market. We have an unwavering focus on delivering safe, efficacious and cost-effective medicines that benefit patients and healthcare providers.
EXHIBITOR INFORMATION

**Medtronic**
Booth 401
www.medtronic.com

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.

**Mentice**
Booth 611
www.mentice.com

A world leader in virtual reality-based interventional medical simulation solutions. Mentice solutions help healthcare professionals with skills acquisition, continuous development & preprocedural planning—leading to improved productivity and outcomes. Mentice solutions have been specifically developed for healthcare providers and the medical industry.

**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 605
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 DyeVert™ 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.

**Ra Medical Systems, Inc.**
Booth 700
www.ramed.com

Ra Medical Systems, Inc. develops, manufactures, and markets excimer laser-based medical equipment. The DABRA Catheter and Laser System photochemically ablates arterial blockages. Ra Medical Systems transforms the lives of cardiovascular patients around the world by saving their limbs and lives.

**Regeneron Healthcare Solutions**
Booth 304
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.

**RenalGuard Solutions, Inc.**
Booth 100
www.renalguard.com

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

**PICS-AICS**
Booth 112
www.picsymposium.com

PICS—AICS 2018 will be September 5–8 at the MGM Grand Las Vegas. Pediatric & Adult Interventional Cardiac Symposium 2018 will focus on the latest interventional catheter strategies for congenital and structural heart disease in children and adults. For further information contact kimberly_ray@pics-aics.com.
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. Clinical trials.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.terumois.com
TIS, a division of Terumo Medical Corporation, is a market leader in minimally invasive entry site management and lesion access technologies. TIS offers a comprehensive portfolio of solutions—from access to closure—that deliver clinical value, economic benefit and enhanced patient outcomes regardless of the site that is used to access the vascular system. TIS combines innovative research and development with a deep market understanding to create a pipeline of industry leading devices that are used in advanced coronary, peripheral endovascular and urological treatments. The complete TIS product portfolio includes guidewires, catheters, sheaths, peripheral stents, embolics, and closure devices for both transfemoral and transradial approaches.

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.wolterskluwerhealth.com
Wolters Kluwer is the publisher of the SCAI Interventional Cardiology Review. The NEW EDITION just published. Stop by our booth to see it and all the other publications available today.

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.
From now on names you recognize such as Maquet and Datascope have unified our proven solutions into one name, Getinge. We have and will continue to consistently deliver products that help you improve the health and well-being of others.

Visit us at Booth 501 to get to know Getinge, learn more about Cardiogenic Shock, as well as explore our offerings in our cardiovascular portfolio.

Booth 507

Positive outcomes: The product of great partnerships

To learn more, visit Get2KnowGetinge.com
The Cath Lab Boot Camp brings together nurses, managers, physicians, service line administrators, and hospital administrators who are interested in learning more about best practices to improve the clinical, operational, and financial performance of their lab. Sessions include information on:

- MACRA and MIPS
- Bundled payments
- New technology
- Quality metrics
- Partnering with payors
- Building a culture of safety
- Capital spending
- Radiation safety
- Cath lab accreditation
- And more...

TIME TO DECIDE™

The TandemLife family of temporary CPB support devices, provides a “Time to Decide™” strategy with rapid device deployment to stabilize and support the patient. TandemLife strips the complexity out of cardiac rescue, making this level of support available to more patients in more places.

Visit Booth #600 to learn more.

Interested in the latest developments in Cardiac Arrest?
Don’t forget to RSVP to our sponsored Symposium
The Team Approach to Cardiac Arrest
Friday, April 27, 2018 | 12:15 – 1:15 PM | Room Harbor B · 2nd Floor
try.tandemlife.com/cardiacarrest/scai18

CardiacAssist, Inc. dba TandemLife®
240 Alpha Drive, Pittsburgh, PA 15228 | 412 963 7770 | f ‌ ‌ ‌ in
SCAI Membership Application

MEMBERSHIP TYPE

*Documentation will be required to complete application file.

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) ......................... $730 ★ FREE
☐ Significant percent of time performing catheterization and/or endovascular procedures
Interventional Training End Date: ___________

☐ Second-Year Interventionalist Fellow (FSCAI)* ............................................ $730 $365
☐ ABIM/AOBIM certified in interventional cardiology
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 -OR-
☐ 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
☐ ABIM/AOBIM certified in interventional cardiology
☐ 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: ____________________________

PAYMENT INFORMATION

Total Amount Paid: $ ____________________________
Check #: ____________________________ (Checks should be made payable to SCAI.)
Credit Card #: ____________________________ Exp. Date: ____________________________
Name on Card: ____________________________ CCV #: ____________________________
Address: ____________________________ Phone: ____________________________

I hereby consent to the release by any hospital, educational institution, governmental agency, physician, professional society, or other person possessing 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 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 from all 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 supports my qualifications for membership in The Society for Cardiovascular Angiography and Interventions for which I now apply.

I hereby agree that The Society for Cardiovascular Angiography and Interventions may verify any of the above data. If approved for membership, I agree to conform to the Code of Ethics and Bylaws of the Society (available upon request).

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.1,2,3
Superior value.1

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.

3. Patel M. “Cost-effectiveness of instantaneous wave-Free Ratio (iFR) compared with Fractional Flow Reserve (FFR) to guide coronary revascularisation decision-making” Late-breaking Clinical Trial presentation at ACC on March 10, 2018.
TOGETHER, IMPROVING LIFE.

Booth 507
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.

<table>
<thead>
<tr>
<th>WEDNESDAY, APRIL 25</th>
<th>THURSDAY, APRIL 26</th>
<th>FRIDAY, APRIL 27</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00–10:00 a.m.</td>
<td>7:00–8:00 a.m.</td>
<td>7:00–8:00 a.m.</td>
</tr>
<tr>
<td>Structural Heart Disease</td>
<td>Publications Committee</td>
<td>Vascular Disease Council</td>
</tr>
<tr>
<td>Harbor D</td>
<td>Gaslamp AB</td>
<td>Harbor D</td>
</tr>
<tr>
<td>10:00–11:00 a.m.</td>
<td>10:30 a.m.–noon</td>
<td>8:00–9:00 a.m.</td>
</tr>
<tr>
<td>Advocacy Committee</td>
<td>International Program Committee</td>
<td>Vascular Working Group</td>
</tr>
<tr>
<td>Harbor D</td>
<td>Gaslamp AB</td>
<td>Harbor D</td>
</tr>
<tr>
<td>11:00–11:30 a.m.</td>
<td>1:00–2:00 p.m.</td>
<td>10:30 a.m.–noon</td>
</tr>
<tr>
<td>SCAI PAC</td>
<td>Ischemic Heart Disease Council</td>
<td>Development Committee</td>
</tr>
<tr>
<td>Harbor D</td>
<td>La Jolla B</td>
<td>Harbor D</td>
</tr>
<tr>
<td>4:00–5:30 p.m.</td>
<td>2:00–3:00 p.m.</td>
<td>10:30 a.m.–noon</td>
</tr>
<tr>
<td>CHD Council Meeting</td>
<td>Education Committee</td>
<td>Quality Improvement Committee</td>
</tr>
<tr>
<td>Harbor D</td>
<td>Gaslamp AB</td>
<td>Gaslamp CD</td>
</tr>
<tr>
<td></td>
<td>3:00–3:30 p.m.</td>
<td>Noon–1:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>PICES</td>
<td>WIN Meeting</td>
</tr>
<tr>
<td></td>
<td>La Jolla B</td>
<td>Gaslamp AB</td>
</tr>
<tr>
<td></td>
<td>3:00–4:00 p.m.</td>
<td>3:00–3:30 p.m.</td>
</tr>
<tr>
<td></td>
<td>Communications Committee</td>
<td>PICES</td>
</tr>
<tr>
<td></td>
<td>Harbor D</td>
<td>La Jolla B</td>
</tr>
</tbody>
</table>
Save The Date!

SCAI 2019
Scientific Sessions

Monday, May 20 – Thursday, May 23, 2019

The Cosmopolitan of Las Vegas
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 (HFSFA)

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 intervention on a dysfunctional right ventricular outflow tract (RVOT) conduit or surgical bioprosthesis pulmonary valve that has ≥ moderate regurgitation, and/or a mean RVOT gradient ≥ 35 mm Hg.

Contraindications: None known.

Warnings/Precautions/Side Effects:
• DO NOT implant in the aortic or mitral position. Pre-clinical bench testing of the Melody valve suggests that valve function and durability will be extremely limited when used in these locations.
• DO NOT use if patient’s anatomy precludes introduction of the valve, if the venous anatomy cannot accommodate a 22 Fr size introducer, or if there is significant obstruction of the central veins.
• DO NOT use if there are clinical or biological signs of infection including active endocarditis. Standard medical and surgical care should be strongly considered in these circumstances.
• Assessment of the coronary artery anatomy for the risk of coronary artery compression should be performed in all patients prior to deployment of the TPV.
• To minimize the risk of conduit rupture, do not use a dilation with a diameter greater than 110% of the nominal diameter (original implant size) of the conduit for pre-dilation of the intended site of deployment, or for deployment of the TPV.
• The potential for stent fracture should be considered in all patients who undergo TPV placement. Radiographic assessment of the stent with chest radiography or fluoroscopy should be included in the routine postoperative evaluation of patients who receive a TPV.
• If a stent fracture is detected, continued monitoring of the stent should be performed in conjunction with clinically appropriate hemodynamic assessment. In patients with stent fracture and significant associated RVOT obstruction or regurgitation, reintervention should be considered in accordance with usual clinical practice.

Potential procedural complications that may result from implantation of the Melody device include the following: rupture of the RVOT conduit, compression of a coronary artery, perforation of a major blood vessel, embolization or migration of the device, perforation of a heart chamber, arrhythmias, allergic reaction to contrast media, cerebrovascular events (TIA, CVA), infection/sepsis, fever, hematoma, radiation-induced erythema, blistering, or peeling of skin, pain, swelling, or bruising at the catheterization site.

Potential device-related adverse events that may occur following device implantation include the following: stent fracture, stent fracture resulting in recurrent obstruction, endocarditis, embolization or migration of the device, valvar dysfunction (stenosis or regurgitation), paravalvular leak, valvar thrombosis, pulmonary thromboembolism, hemolysis.

*The term “stent fracture” refers to the fracturing of the Melody TPV.

Important Labeling Information for Geographies Outside of the United States

Indications: The Melody™ TPV is indicated for use in patients with the following clinical conditions:
• Patients with regurgitant prosthetic right ventricular outflow tract (RVOT) conduits or bioprostheses with a clinical indication for invasive or surgical intervention, OR
• Patients with stenotic prosthetic RVOT conduits or bioprostheses where the risk of worsening regurgitation is a relative contraindication to balloon dilatation or stenting

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

Potential Complications/Adverse Events: Potential procedural complications that may result from implantation of the Melody device include the following: rupture of the RVOT conduit, compression of a coronary artery, perforation of a major blood vessel, embolization or migration of the device, perforation of a heart chamber, arrhythmias, allergic reaction to contrast media, cerebrovascular events (TIA, CVA), infection/sepsis, fever, hematoma, radiation-induced erythema, pain, swelling or bruising at the catheterization site.

Potential device-related adverse events that may occur following device implantation include the following: stent fracture, stent fracture resulting in recurrent obstruction, endocarditis, embolization or migration of the device, valvar dysfunction (stenosis or regurgitation), paravalvular leak, valvar thrombosis, pulmonary thromboembolism, hemolysis.

*The term “stent fracture” refers to the fracturing of the Melody TPV.

For additional information, please refer to the Instructions for Use provided with the product or available on http://manuals.medtronic.com.

©2018 Medtronic. All rights reserved.
UC201809206 EN 03/2018
RIGHT CHOICE.

The only transcatheter pulmonary valve specifically designed for RVOT conduits and bioprosthetic valves. The longest studied, with the largest body of clinical evidence at seven years post-implant. Over 11 years of implants, more than 12,000 patients’ lives have been changed.

Melody TPV — The Right Choice for Your Patients

Visit the Medtronic booth to learn more.

Restoring lives for 11 years and counting.

Not intended to constitute medical advice or in any way replace the independent medical judgment of a trained and licensed physician 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.

*Melody Transcatheter Pulmonary Valve Study: Post Approval Study of the Original IDE Cohort.

©2018 Medtronic. All rights reserved. UC201809206 EN 03/2018
PROVEN AT THE POINT OF ACCESS
GLOBAL LEADER IN ARTERIAL ACCESS AND CLOSURE

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

©2018 Terumo Medical Corporation. All rights reserved. TIS-052-01292018/DF