STRUCTURAL HEART TRACK
JUNE 24-25, 2019
Faculty Listing

Structural Heart Track Course Chairs

**Rajesh Dave, MD, FACC, FSCAI**
Holy Spirit Hospital
Camp Hill, PA

**Pradeep Yadav, MD**
Hershey Medical Center,
Penn State University
Hershey, PA

**Course Co-Chairs**

**Muhammad Raza, MD, FACC**
Crozer Chester Medical Center
Upland, PA

**Saurabh Sanon, MD, FACC**
Trent Health, Palm Beach Gardens Medical Center
Palm Beach Gardens, FL

**Amr Abbas, MD, FACC, FSCAI**
Oakland University William Beaumont School of Medicine
Royal Oak, MI

**Eric Van Belle, MD, PhD**
Lille University Hospital
Lillie, France

**Karim Al-Azizi, MD, FSCAI, FACC**
The Heart Hospital—Plano
Plano, TX

**Ngai-Yin Chan, MBBS, FACC**
Princess Margaret Hospital
Ma On Shan, Hong Kong

**Keith Allen, MD**
St. Luke’s Mid-America Heart Institute
Kansas City, KS

**Adnan Chhatriwalla, MD**
Saint Luke’s Mid America Heart Institute
Overland Park, KS

**Saif Anwaruddin, MD**
Hospital of the University of Pennsylvania
Philadelphia, PA

**Danny Dvir, MD**
University of Washington
Redmond, Washington

**Guilherme Ferragut Attizani, MD**
University Hospitals of Cleveland
Cleveland, OH

**Marvin Eng, MD**
University of Texas at San Antonio
San Antonio, TX

**Prakash Balan, MD, JD**
The University of Texas Health Science Center Houston
Houston, TX

**Jay Giri, MD, MPH**
University of Pennsylvania
Philadelphia, PA

**Aly El Banayosi, MD**
Integris Baptist Medical Center
Oklahoma City, OK

**Eric Gnall, DO**
Lankenau Medical Center
Narberth, PA

**Giselle Baquero, MD**
Southern Illinois University
Springfield, IL

**Kashish Goel, MD**
Vanderbilt University
Nashville, TN
John Saxon, MD
Saint Luke’s Mid-America Heart Institute
Kansas City, MS

Pinak Shah, MD
Brigham and Women’s Hospital Boston, MA

Rahul Sharma, MBBS, FRACP
Stanford University Palo Alto, CA

Robert Sommer, MD
Columbia University Medical Center New York, NY

Holger Thiele, MD
Leipzig University Hospital Leipzig, Germany

Konstantinos Toutouzas, MD
University of Athens, Hippokration Hospital Athens, Greece

Apostolos Tzikas, MD, PhD
AHEPA University Hospital Thessaloniki, Greece

John Vavalle, MD, MHS
University of North Carolina at Chapel Hill Chapel Hill, NC

David Wood, MD
University of British Columbia Vancouver, Canada

Willis Wu, MD
REX Hospital Raleigh, NC
## Breakfast Symposium: Advances in Management of Heart Failure (Sponsored by Abbott, NON-CME)

Chair: Darshak Karia, MD, FACC  
Co-Chair: Aly El Banayosi, MD

- **Introduction and Welcome** .......................................................... Darshak Karia, MD, FACC  
- **Cardiomems: How to Prevent HF Rehospitalizations** .................................................. Darshak Karia, MD, FACC  
- **How to Recover the Cardiogenic Shock Patient with ECMO** ........................................ Aly El Banayosi, MD  
- **How to Transition From the Failing Heart to Long-Term LVAD** ............................... Scott Silvestry, MD  
- **Panel Discussion**

## TAVR—How it Started and Moving Forward

Chair: Eric Gnall, MD, Shigeru Saito, MD, Neil Kleinman, MD, Danny Dvir, MD  

- **Introduction and Welcome** .......................................................... Pradeep Yadav, MD  
- **TAVR—How it All Started** .......................................................... David Wood, MD  
- **Where Are We Now?—Current Indications and Key Trials** .......................................... Eric Gnall, MD  
- **Crystal Ball Future of TAVR** ....................................................... Neil Kleinman, MD  
- **Shortcomings of Current Devices and What Future Devices Might Bring** .................... Danny Dvir, MD  
- **CMS NCD Requirements—Current Standard and Should They Further Be Revised?** ........ Ankur Kalra, MD, FACP, FACC, FSCAI  
- **Panel Discussion**

## TAVR

Chair: Paul Mahoney, MD, Pradeep Yadav, MD  
Moderators: Gary Roubin, MD, Keith Allen, MD, Saurabh Saron, MD, Mohammed Raza, MD  

- **Live Case Transmission—Rigs Hospital, Copenhagen, Denmark** ......................... Lars Sondergaard, MD  
- **Durability of Surgical Bioprosthesis—Reality or Myth?** ........................................... Pinak Shah, MD  
- **Patient Prosthesis Mismatch in AVR (SAVR/TAVR)** ............................................... Jay Giri, MD  
- **Introduction of Luminary and Award** .................................................. Gary Roubin, MD  
- **Transfemoral TAVR as the Default Procedure** .......... David Wood, MD  
- **Hemodynamics Post TAVR—Why is Cath Different than Echocardiography** ............... Amr Abbas, MD  
- **Is Choice of THV Important for A Low Risk Patient Undergoing TAVR** .................. Paul Mahoney, MD
• **TAVR in Bicuspid Aortic Valve** ...........Guilherme Ferragut Attizani, MD

• Discussion

**TAVR**  
Chairs: Mohammed Raza, MD, Shigeru Saito, MD  
Moderators: Robert Lederman, MD, Saurabh Sanon, MD, Toby Rogers, MD, Konstantinos Toutouzas, MDD

• **Left Main Occlusion After TAVR** .........................Shigeru Saito, MD

• **BASILICA Step by Step Including “Secret Sauce”** ........................................................................... Toby Rogers, MD

• **Live Case Transmission—Rigs Hospital, Copenhagen, Denmark** .................................................. Lars Sondergaard, MD

• **Minimalist Approach to TAVR** ...............................Mohammed Raza, MD

**TAVR**  
Chairs: Keith Allen, MD, Robert Lederman, MD

• **Bioprosthetic Valve Fracture: Unanswered Questions** ................................................................. John Saxon, MD

• **Complications of Bioprosthetic Valve Fracture** .............................................................................. Keith Allen, MD

• **Alternate Access Debate: TransCaval is Almost like Transfemoral** ........................................... Robert Lederman, MD

• **Alternate Access Debate: Carotid is the Best** ...............Keith Allen, MD

• **Alternate Access Debate: Axillary has the Momentum** ................................................................. James Harvey, MD

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**Symposium: Expanding Opportunities for the Interventional Cardiologists in a Complex Cardiovascular Patient Population** (Sponsored by Medtronic, NON-CME)  
Chair: TBA

• **Live Case Transmission—Rigs Hospital, Copenhagen, Denmark** .................................................. Lars Sondergaard, MD

• **How to Broaden PCI Safety to High Risk Patient** ................................................................. TBA

• **New Upcoming Advanced Techniques for TAVR** ................................................................. TBA

**TAVR**  
Chairs: A. Anwaruddin, MD, Pinak Shah, MD

• **Role of Pre-dilation in Modern TAVR** .......................... K. Toutouzas, MD

• **Cerebral Embolic Protection in TAVR: Data & What is Limiting it From Routine Use** ........................................ S. Anwaruddin, MD

• **Low Contrast TSVR—Preprocedural Planning and Intra-procedural Tricks** ............................. Michael Pfeiffer, MD
• CAD in TAVR—Revascularization Strategies ............................................. Poonam Velgapudi, MD
• Drug Regimen Post TAVR ........................................................... Brandon Peterson, MD
• “Heart Team”—From Patient Evaluation to Procedural Room—Pros and Cons .................................. Prakash Balan, MD
• Live Case Transmission—Piedmont Atlanta Hospital—Atlanta, Georgia .................................................. Christopher Maduri, MD

Structural Heart Cases of the Year
Chairs: Saurabh Sanon, MD, Pradeep Yadav, MD, Mohammed Raza, MD, Pinal Shah, MD

• A Successful Trans-septal Transcatheter Mitral Valve-in-Valve Implantation for Failed Bioprosthetic Mitral Valve ................................................................. Jian Liang Tan, MD
• Mind the Gap: Displacement of a TAVR Valve During Valve-in-Valve Implantation ......................................... Faisal Khan, MD
• Untreatable Severe Structural Degeneration of a Transcatheter Aortic Heart Valve: A Salutary Tale ...... Norran Ali, MD

C³ Keynote Address and 15th Anniversary Celebration in Coronary Track Theater

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Schedule

Tuesday, June 25, 2019 (CME)

**Mitral Replacement**
Chairs: Pradeep Yadav, MD, Holger Thiele, MD, Ramon Quesada, MD

- Mitral Regurgitation—Scope of the Problem and Landscape of TMVR .......................................................... Ramon Quesada, MD
- Intrepid TMVR, Device Design and Program Update ................................................................. Neil Kleinman, MD
- Tendyne TMVR, Device Design and Program Update .............................................................. Saurabh Sanon, MD
- Edwards M3 TMVR, Device Design and Program Update ......................................................... Marvin Eng, MD
- Cephea TMVR—Device Design and Human Experience ...................................................... Eric Van Belle, MD
- Live Case Transmission—Aarhus University Hospital, Aarhus, Denmark ............................. Rahul Sharma, MD
- TMVR in ViV, ViR, ViMAC .......................................................................................... Rahul Sharma, MD
- LAMPOON Step-by-Step .............................................................................................. Toby Rogers, MD
- How to Treat LVOT Obstruction Post TMVR .......................................................... Paul Mahoney, MD

**Mitral Repair**
Chairs: John Vavalle, MD, Adnan Chattriwalla, MD

- Repair or Replacement for Functional MR .......... S. Anwaruddin, MD
- Ever Expanding Toolbox of Mitral Valve Repair ...... John Vavalle, MD
- Cerclage Mitral Annuloplasty .................................................... Robert Lederman, MD
- Patient Selection for Mitraclip in FMR ...................... Vijay Iyer, MD
- NTr, XTr-Which Clip for Which Pathology? .......... Dimitros Nikas, MD
- MitraClip Beyond A2/P2 ................................................ Adnan Chattriwalla, MD
- Live Case Transmission—Interbalkan Medical Center, Thessaloniki, Greece ............................... Vlasis Ninios, MD
- Tips and Tricks for Challenging MitraClip Cases ....................................................................... Nick Ruggiero, MD
- Complications of MitraClip and Management ........................................................................ Willis Wu, MD
- Mitral PVL Closure Step-by-Step ........................................ Kashish Goel, MD
Tricuspid Valve Intervention
Chairs: Saurabh Sanon, MD, Ramon Quesada, MD

• Tricuspid Regurgitation Scope of the Problem and Need for Transcatheter Therapies................................. Giselle Baquero, MD
• Systematic Imaging of Tricuspid Valve for Structural Interventions....................................................... Brandon Peterson, MD
• MR is Reduced, Should I Clip the Tricuspid Valve .............................................................. Ramon Quesada, MD
• Transcatheter Tricuspid Edge-to-Edge Repair—Tips and Tricks .............................................................. Saurabh Sanon, MD
• Transcatheter Tricuspid Valve Replacement (ViV, ViR) ................................................................................. Danny Dvir, MD
• Proportionate and Disproportionate Functional MR for Mitral Valve Clip Repair .............................. Karim Al Aziz, MD
• When Should Isolated TR Be Treated?......................... Steven Bailey, MD
• Live Case Transmission—Emory University Midtown, Atlanta, Georgia ................................................. Adam Greenbaum, MD
• Discussion

Left Atrial Appendage and PFO Closure
Chairs: David Holmes, MD, Dhanajaya Lakireddy, MD, Bernard Meier, MD

• Left Atrial Appendage Closure: Time to Change the Guidelines? ............................................. David Holmes, MD
• LAAC Pre-Procedure Planning CT vs TEE .................................. John Saxon, MD
• Scrap Everything You Thought You Knew: Optimal Technique for LAA Occluder Deployment ......... Robert Sommer, MD
• Minimalist Approach LAA Closure ........................................ Sachin Goel, MD
• Post Implant Drug Regimen: Current & Future .......... John Vavalle, MD
• Emerging LAAC Devices and Their Unique Features .................................................. Dhanajaya Lakireddy, MD
• Complications of LAA Closure, Tips and Tricks to Prevent Them ................................................ Prakash Balan, MD
• How to Reduce Complications During LAA Closure: Tricks from Chinese Experience ......................... Ngai Yin Chan, MD
• PFO Closure Data Analysis .............................................. Bernard Meier, MD
• PFO Closure: Anatomic Considerations, When to Choose One Device Over the Other .................... Konstantinos Marmagkiolis, MD
• Discussion
ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Academy for Continued Healthcare Learning (ACHL) and Interventional Academy. ACHL is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

This activity is approved for AMA PRA Category 1 Credits™.

FOR ADDITIONAL CONTINUING MEDICAL EDUCATION CREDITS OFFERED, OR TO VIEW THE MOST UP-TO-DATE AGENDA, PLEASE VISIT WWW.C3CONFERENCE.NET
Registration

Registration is open for the 15th Annual Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit (C³)!

**If you are paying by credit card:** Visit www.c3conference.net and select “Register”. **If you are paying by check:** Mail check and your name/phone/email to the below address. Checks should be payable to ACHL/C³.

Mail checks to: 230 W Monroe Street, Suite 2300, Chicago, IL 60606

You will be sent a code that allows you to register each person in your group through the conference website.

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<tr>
<th>Conference</th>
<th>Registration Fees</th>
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<tr>
<td><strong>Before May 15, 2019</strong></td>
<td><strong>After May 15, 2019</strong></td>
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<tr>
<td>Full Conference: Industry</td>
<td>$650</td>
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<tr>
<td>Full Conference: Nurse/Technologist/Allied Health/Fellow/Resident/Student</td>
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<td>Podiatrist: Wound Care Program</td>
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Hotel Information

**Hilton Bonnet Creek**
14100 Bonnet Creek Resort Lane
Orlando, FL 32821
(407) 597-3600
www.hiltonbonnetcreek.com

Visit www.c3conference.net/Location to book your hotel room through the C³ Discounted Room Block Portal.
Experience More at C³ 2019

The Best Live Demonstration Course in 2019
Renowned experts from globally-reputed medical centers will perform live cases.

Partnership Sessions
Highlight the Latest Clinical Challenges, organized by global interventional societies & clubs from Europe, Japan, China, Vietnam, Egypt, Thailand, Malaysia, Taiwan, Bangladesh, Pakistan, and South America.

Master Mentorship
If you are a Fellow & submit challenging cases or abstracts, the Top 3 will be selected by the C³ Scientific Committee and will have an opportunity to sit one-on-one with a Legend to review your presentation and gain insights and skills on presenting.

Challenging Case & Abstract Competition Sessions
Competition sessions for accepted abstract and case with the expert’s focus review. The top scientific case and abstract winner will get a $500 prize certificate!

Global Women Cardiac & Vascular Interventional Forum
For the third year in a row, C³ celebrates the contributions that women make to cardiovascular medicine. We are hosting two special sessions focused on women. The TOP TEN selected and accepted cases and scientific abstracts submitted by women will be featured in these sessions.

Science & Late-Breaking Research
The most influential & cutting-edge cardiovascular research for 2018-2019 will be presented with opportunity to simultaneously publish this research in leading journals.
Registration is open for the 15th Anniversary of the Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit (C3)

C3 celebrates its’ 15th year anniversary this June 23-26, 2019 in Orlando, Florida at the Hilton Bonnet Creek. We hope you, your fellow colleagues, and friends will join us to share and learn in this dynamic educational opportunity!

#C32019 #C3Cardiology