LAA Closure, TAVR, Mitral and Tricuspid Repair and Replacement and More

Featuring live case demonstrations, workshops, and satellite symposia!

February 1-3, 2023 – Hyatt Regency La Jolla at Aventine • San Diego, California

Course Directors
Matthew J. Price, MD, FACC, FSCAI
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Visit www.scripps.org/shicme for conference updates!
Conference Overview

Scripps’ Structural Heart Intervention and Imaging conference is designed to provide a practical, cutting-edge, and live case-based assessment of structural heart disease interventions and cardiovascular imaging. The course will place a strong emphasis on the collaborative nature of these procedures across many disciplines within cardiology. Expert faculty will include interventionists, invasive cardiologists, echocardiologists, electrophysiologists, cardiothoracic surgeons, cardiac anesthesiologists, and sonographers. Faculty will discuss clinical guidelines on patient selection, pre-procedural assessment, procedural tips, techniques, and challenges (including concurrent imaging) during the performance of the procedures and conclude with assessment of outcomes and future directions.

Educational Objectives

After attending this live activity, participants should be able to:

- Assemble the appropriate multidisciplinary team, imaging technologies, and catheter equipment to perform structural heart disease interventions.
- Apply a comprehensive approach to the assessment of the aortic, mitral, and tricuspid valves, the interatrial septum, and the left and right ventricles, using echocardiography (TTE, TEE, and ICE), CT, and MRI for the purpose of the interventional treatment of these cardiac structures.
- Cite the current indications for LAA closure, PFO closure, transcatheter aortic valve replacement (TAVR), transcatheter mitral valve replacement (TMVR), and mitral transcatheter edge to edge repair (TEER).
- Interpret echocardiographic and CT imaging before and after LAA closure, and identify and measure peri-device leaks, device-related thrombus, and other potential complications.
- Select the appropriate treatment strategy for patients with mitral valve disease (i.e., TEER or TMVR) or tricuspid valve disease (i.e., TEER or TTVR) based upon imaging findings.
- Incorporate live TEE multiplanar imaging to optimize transcatheter mitral and tricuspid valve intervention.
- Utilize 2D and 4D ICE during structural heart intervention.
- Recognize the risk of left ventricular outflow tract obstruction after TMVR and coronary occlusion after TAVR and apply specific interventional strategies to prevent them (e.g., LAMPOON and BASILICA).
- Integrate emerging data regarding surgical risk, including low and intermediate-risk patients into TAVR decision-making.
- Identify heart failure patients who might benefit from novel interventional strategies, such as interatrial shunt devices, to improve symptoms.
- Optimize the anesthetic management of patients with reduced ejection fraction undergoing TEER or TMVR.
- Employ best practices to safely manage potential complications of catheter-based therapies for structural heart disease.

Accreditation and Disclosure

Physicians

Scripps Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Scripps Health designates this live activity for a maximum of 16 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

ABIM MOC Points

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 16 Medical Knowledge MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Nurses and Nurse Practitioners

For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credit(s)™ issued by organizations accredited by the ACCME.

The American Academy of Nurse Practitioners Certified Program (AANPCP) and the American Association of Nurse Practitioners (AANP) accept AMA PRA Category 1 Credit(s)™ from organizations accredited by the ACCME.

Physician Assistants

PAs may claim a maximum of 16 Category 1 credits for completing this activity. NCCPA accepts AMA PRA Category 1 Credit(s)™ from organizations accredited by the ACCME.

Sonographers

This activity is approved by the American Society of Radiologic Technologists (ASRT) for Category A continuing education credit. This is a maximum of 16 Category A CE credits awarded.

Commercial Support

This activity is approved by the American Society of Radiologic Technologists (ASRT) for Category A continuing education credit. This is a maximum of 16 Category A CE credits awarded.

Commercial Support

This course is supported, in part, by educational grants from industry. In accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education, a complete list of commercial support received will be provided to all learners who participate in the continuing education activity. For more information: www.accme.org/standards
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La Jolla, California
Wednesday, February 1, 2023

**Registration**

8 a.m. -

9:30 a.m. - 10:30 a.m.

**3D Intracardiac Echocardiography: A Practical Workshop**

*Non-CME Symposium Supported by Philips*

**Moderators:** Matthew Price, MD and Steven Romero, MD

- **Verisight 3D ICE: Catheter, Knobology, and ICE Imaging Fundamentals**
  - Shepal Doshi, MD

- **Verisight 3D ICE for LAA Closure: My Approach to Case Workflow Including Catheter Manipulation and Imaging**
  - Matthew Price, MD

- **Advanced 3D ICE: A Review of Challenging Cases and What I Learned**
  - Gagan Singh, MD

**Panel Discussion**

10:45 a.m. - 11:45 a.m.

**Transcatheter Left Atrial Appendage Occlusion with the Amulet: A Practical Workshop for Implanters and Imagers**

*Non-CME Symposium Supported by Abbott*

**Moderator:** Jason Rogers, MD

- **Amulet Fundamentals: The Device and Case Flow, Step-by-Step**
  - Devi Nair, MD

- **How to Choose the Right Size Amulet Occluder Based on CT/Echo Imaging**
  - Jason Rogers, MD

  - Rahul Sharma, MBBS

Noon -

**New Learnings in PFO Evaluation and Closure**

*Non-CME Lunch Symposium Supported by W.L. Gore*

**Moderator:** Matthew Price, MD

- **The PFO-Related Stroke: Concept, Diagnosis, and Prognosis**
  - David Thaler, MD

- **Anatomic Complexity of PFO: How it Influences Treatment Decisions and Implant Technique**
  - Matthew Price, MD

- **To Close or Not to Close: Case Studies in PFO Decision Making**
  - Joseph Aragon, MD

1 p.m. -

**Break & View Exhibits**
Wednesday, February 1 (cont.)

1:30 p.m.  LIVE CASE FROM SCRIPPS CLINIC
  Moderator: Jason Rogers, MD
  Clinical-Pathological Correlations: The Tricuspid Valve
  Douglas Shook, MD
  State of the Art Echocardiographic Evaluation of the Tricuspid Valve: Anatomy, TR Severity, and TR Mechanisms
  Nadira Hamid, MD
  TEE Guidance for Tricuspid TEER: Key Points for the Imager
  Moodi Makar, MD
  Tricuspid Anatomy and Patient Selection for TEER: Defining the Doable
  Gagan Singh, MD

3:30 p.m.  Break & View Exhibits

4 p.m.  LIVE CASE FROM SCRIPPS CLINIC
  Moderator: Shepal Doshi, MD
  Clinical-Pathological Correlations: The Left Atrial Appendage
  Douglas Shook, MD
  Transeptal Puncture for LAA: Tailoring Location to the Anatomy
  Devi Nair, MD
  How to Evaluate for Residual Leak and Device-related Thrombus After LAA Closure
  Konstantinos Kouliogiannis, MD
  Preventing Oropharyngeal and Esophageal Injury During Structural Intervention: Key Tips and Tricks for the Anesthesiologist and Imager
  Moodi Makar, MD
  Transcatheter LAA Closure in 2023: Data Update and Future Perspectives
  Matthew Price, MD

6 p.m.  Main Conference Adjourns & Networking Reception

Thursday, February 2, 2023

6:30 a.m.  Breakfast & View Exhibits

7:30 a.m.  LIVE CASE FROM SCRIPPS CLINIC
  Moderator: Jason Rogers, MD
  Clinical-Pathological Correlations: The Mitral Valve
  Douglas Shook, MD
  Identifying the Spectrum of Mitral Valve Leaflet Pathology on TEE: Case Examples
  Stephen Little, MD
  Evaluating Leaflet Coaptation Reserve and Augmentation to Predict Outcomes with Mitral TEER
  Joao Cavalcante, MD
  Mitral TEER for Intermediate Surgical Risk Patients: Rationale, Design, and Update of Ongoing Clinical Trials
  Saibal Kar, MD

9:30 a.m.  Break & View Exhibits

10 a.m.  LIVE CASE FROM SCRIPPS CLINIC
  Moderator: Gagan Singh, MD
  3D ICE Guidance for Tricuspid and Mitral TEER
  Gagan Singh, MD
  Dedicated Transfemoral TMVR: Patient Selection, Procedure, and Pitfalls
  Firas Zahr, MD
  TEER or TMVR: How Should We Match the Procedure with the Patient?
  Jason Rogers, MD
  Mitral Surgery or Transcatheter Repair/Replacement: A Surgeon’s Perspective
  Tsuyoshi Kaneko, MD

11 a.m.  Break & View Exhibits

Noon - 1 p.m.  How to Incorporate Advanced CT Tools Into your Daily Structural Heart Practice
  Non-CME Lunch Symposium Supported by FeOps
  Moderator: Matthew Price, MD

1 p.m.  Break & View Exhibits
Thursday, February 2 (cont.)

1:30 p.m.  LIVE CASE FROM SCRIPPS CLINIC
  Moderator: G. Burkhard Mackensen, MD, PhD
  Dealing with Disaster: My Worst Mitral Intervention Complications
  Jason Rogers, MD
  Transcatheter Tricuspid Valve Replacement: Data, Patient Selection, and Technique
  Susheel Kodali, MD
  Right Ventricular Function, TR, and Tricuspid TEER/TTVR
  Joao Cavalcante, MD
  Dedicated Bicaval Valve Implantation for TR: Rationale, Technique, and Future Directions
  Rishi Puri, MD, PhD

3:30 p.m.  Break & View Exhibits

4 p.m.  LIVE CASE FROM SCRIPPS CLINIC
  Moderator: Gregory Fontana, MD
  Inflow Gradients After Mitral and Tricuspid TEER: Nothing to See Here or Cause for Concern?
  Michael Rinaldi, MD
  Clinical-Pathological Correlations: The Aortic Valve
  Douglas Shook, MD
  How to Identify the Patient Who Will Benefit Most from PFO Closure: The PASCAL Score
  David Thaler, MD
  When Should I Make a Hole? Data Update for Intratral Shunt Devices for HFpEF
  Rajeev Mohan, MD
  Live MPR Imaging for Structural Interventions: A Primer
  Douglas Shook, MD

6 p.m.  Main Conference Adjourns & Networking Reception

Friday, February 3, 2023

6:30 a.m.  Breakfast & View Exhibits

7:30 a.m.  LIVE CASE FROM SCRIPPS CLINIC
  Moderator: Matthew Price, MD
  TAVR in 2023: What You Need to Know
  Paul Teirstein, MD
  Late TAVR Failure: Mechanisms, Management Strategies, and Implications
  Tsuyoshi Kaneko, MD
  The First Cut Is the Deepest: Life-time Planning for the Patient with Aortic Stenosis
  Gregory Fontana, MD
  Cerebral Protection During TAVR: Latest Data, Devices, and Decision Making
  Rishi Puri, MD, PhD
  TAVR for Aortic Insufficiency
  Curtiss Stinis, MD

9:30 a.m.  Break & View Exhibits

10 a.m.  LIVE CASE FROM SCRIPPS CLINIC
  Moderator: Matthew Price, MD
  Post-TAVR Gradients: Meaningless or Meaningful?
  Gregory Fontana, MD
  The Imager During Valve-in-MAC, Ring, or Valve: Here’s What you Need to Show
  G. Burkhard Mackensen, MD, PhD
  Preventing LVOT Obstruction Up Front: When and How SESAME and LAMPOON Step-by-Step
  James McCabe, MD
  Managing LVOT Obstruction Post-TMVR or Valve-in-Valve
  Firas Zahr, MD
  Putting It All Together: How I Approach Valve-in-Valve, Valve-in-Ring, and Valve-in-MAC
  James McCabe, MD

Noon  Final Adjournment

Topics, times, order of talks, and speakers are subject to change

6:30 - 7:30 p.m.  A Case-Based Transcatheter LAA Closure Symposium:
  Achieving Success in Challenging Patients, Challenging Imaging, and Challenging Anatomies
  Non-CME Dinner Symposium Supported by Boston Scientific Corporation
  Moderator: Shepan Doshi, MD
  Complex Patient Scenarios: Navigating Scylla and Charybdis in the Patient at Extreme Risk of Stroke and Bleeding
  Shepal Doshi, MD
  Defining Complexity Up Front: When Imaging Flashes Yellow and Red
  Michael Rinaldi, MD
  OMG: How Am I Going to Get This Device to Sit and Stay!
  Devi Nair, MD
  Emotionally Rich Transcatheter LAA Closure Cases
  Rahul Sharma, MBBS
Scripps Health Conference Guidelines

1. All staff, participants, and vendors must be asymptomatic to attend the in-person conference.
2. All staff, participants, and vendors will be required to wear masks and remain physically distanced during the conference.
3. Virtual conference participation will be available for staff, participants, and vendors who have recently been exposed to, or tested positive for COVID-19, and/or are symptomatic.

** These guidelines may be modified at any time in advance of or during the Conference.**

In-Person Included: Course tuition, breakfasts, breaks, lunches, symposiums, internet access, electronic course materials, and recordings

Virtual Included: Course tuition, live stream, electronic course materials, and recordings

Not Included: Travel costs, lodging, and parking

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REGISTER ONLINE www.scripps.org/shicme

Conference Fees & Registration

Space is limited, so register early!

Attendee Policies

Attendee Cancellation, Substitution, Refund
The course tuition is refundable, minus a $100 processing fee (MD, DO, RN, PA, NP) if your cancellation is received in writing no later than Friday, January 20, 2023. Attendee substitutions are allowed, but notification must be made in writing by January 20, 2023. After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to “no shows.” No refunds shall be made for cancellations due to inclement weather.

Registration Changes
All registration changes (virtual to in-person or in-person to virtual) are subject to a $50 change fee when received within two weeks of the conference.

Scripps Conference Modification or Cancellation
Scripps reserves the right to modify the course’s schedule or program as necessary. Scripps also reserves the right to cancel this conference, in which case a full refund of the registration fee will be provided. Attendees who purchase non-refundable airline tickets do so at their own risk. Scripps encourages the purchase of travel insurance as we are unable to refund any travel costs (flight, hotel, etc.) in the case of Scripps cancellation.

Health and Safety Waiver and Assumption of Risk
By completion and submission of the meeting registration form, I certify that I have read and fully understand the Health and Safety Waiver and Assumption of Risk Agreement.
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