

LAA Closure, TAVR, ASD/PFO, Mitral Repair, TMVR, and More

Featuring live case demonstrations, hands-on workshops and satellite symposia!

Course Directors

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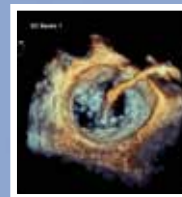
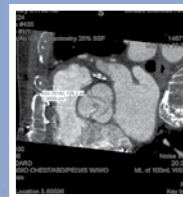
Founding Director
Cardiac Non-Invasive Laboratory
Scripps Clinic
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Live Satellite Case Transmissions

Ninth Annual

Structural Heart Intervention and Imaging 2020: *A Practical Approach*

February 5-7, 2020 • Hyatt Regency La Jolla • San Diego, California



Visit www.scripps.org/shicme for course updates!

Conference Description

Course Overview

Scripps' Structural Heart Intervention and Imaging conference is designed to provide a practical, cutting-edge, and case-based assessment of the emerging area of structural heart disease intervention and interventional cardiovascular imaging, with an emphasis on the collaborative nature of these procedures across many disciplines within cardiology. The expert faculty will include interventionalists, invasive cardiologists, echocardiographers, electrophysiologists, cardiac surgeons, 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.

Conference Highlights

- Multidisciplinary expert faculty emphasizing a team approach to care
- Combination of educational formats including live demonstrations of catheter-based structural heart disease interventional procedures with intraprocedural imaging, clinical-pathological correlations with ex vivo cardiac specimen, and pertinent didactic lectures
- Interactive formats, panel discussions, Q&A, and more
- Live satellite case transmissions
- Expanded satellite symposia and hands-on workshops

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.
- Identify complications of catheter-based therapies for structural heart disease and safely manage them with various procedural techniques.
- Apply a comprehensive approach to the assessment of the aortic, mitral, and tricuspid valves, and the interatrial septum, using echocardiography (TTE, TEE and ICE), CT, and MRI for the purpose of the interventional treatment of these cardiac structures.
- Discuss tricuspid anatomy and function and assess the implications of tricuspid regurgitation and transcatheter techniques for transcatheter tricuspid valve repair.
- Cite the current indications for catheter-based techniques, including transcatheter aortic valve replacement (TAVR), transcatheter mitral valve repair/replacement, left atrial appendage closure, ASD, and paravalvular leaks.
- Integrate emerging data into TAVR decision-making regarding surgical risk, including low and intermediate-risk patients.
- Interpret and incorporate CT imaging before and after LAA closure.
- Select the appropriate type and size device for TAVR, LAA closure, PFO closure, and other structural interventions.
- Apply echocardiographic findings to determine optimal strategy for transcatheter mitral valve repair.
- Incorporate advanced techniques for transcatheter mitral valve repair, TAVR, PFO, ASD, and LAA closure in the setting of challenging anatomy and/or patient co-morbidities.
- Avoid common pitfalls in the application of the newer imaging modalities.

Target Audience

- Interventional and Invasive Cardiologists
- Echocardiographers
- Interventional Radiologists
- Cardiovascular Surgeons and Anesthesiologists
- Cardiology Nurses and Physician Assistants
- Cardiovascular Sonographers
- Cardiac Catheterization Technicians

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 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. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit. **Please note: ABIM MOC points will be awarded to those who successfully complete the requirements outlined in the post-conference evaluation. Points earned will be reported to the ABIM approximately 60 days post conference. These points will not appear on your CME certificate from Scripps.**

American Society of Radiologic Technologists (ASRT)

An application has been filed with the ASRT for Category A continuing education credit. Determination of credit is pending approval.

Nurses

For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credit(s)*[™] issued by organizations accredited by the ACCME. For the purpose of re-licensure, the California Board of Registered Nursing accepts *AMA PRA Category 1 Credit(s)*[™]. The majority of state boards accept *AMA PRA Category 1 Credit(s)*[™] as meeting continuing education requirements for license renewal. Nurses should check with their state's Board of Registered Nursing regarding use of CME credit.

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 ACCME or a recognized state medical society.

Commercial Support

This course is supported, in part, by educational grants from industry, in accordance with ACCME accreditation Standards for Commercial Support. Appropriate acknowledgement will be given to all supporters at the time of the educational activity.



Faculty

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Conference Faculty and Moderators

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Diagnostic Radiology
Scripps Clinic
La Jolla, California

Faculty Disclosure

In accordance with the ACCME Standards for Commercial Support, course directors, planning committees, faculty and all others in control of the educational content of the CME activity must disclose all relevant financial relationships with any commercial interest that they or their spouse/partner may have had within the past 12 months. If an individual refuses to disclose relevant financial relationships, they will be disqualified from being a part of the planning and implementation of this CME activity. Owners and/or employees of a commercial interest with business lines or products relating to the content of the CME activity will not be permitted to participate in the planning or execution of any accredited activity.

A complete listing of disclosures associated with this program can be found on the conference website: www.scripps.org/shicme and in the mobile conference app: www.grupio.com/SHI20.

Workshop Agenda

Tuesday, February 4, 2020

HANDS-ON TRANSSEPTAL WORKSHOP

Non-CME Activity Sponsored By Baylis Medical with imaging provided by Siemens Healthineers

8 a.m. - 4 p.m.

Transseptal Workshop

Matthew J. Price, MD
Jason H. Rogers, MD
Gagan D. Singh, MD

This hands-on workshop is intended for the practicing interventional cardiologist who is planning on performing procedures involving left atrial access, such as, but not limited to, transcatheter mitral valve repair, LAA closure, and mitral valvuloplasty. Upon completion of this activity, the physician should be able to utilize best practices in transseptal puncture to avoid complications. The agenda will include didactics, dissection, simulation, and an animal lab with hands-on catheter manipulation.

TO REGISTER YOU MUST VISIT: <https://www.baylismedical.com/medical-education/transseptal-courses/>. **THIS IS NOT PART OF THE SCRIPPS COURSE.**

Wednesday, February 5, 2020

IMAGING SYMPOSIUM AND HANDS-ON WORKSHOP EMPHASIZING 3D ECHOCARDIOGRAPHY

Non-CME Activity Supported by GE Healthcare and Philips Healthcare

7 a.m. Imaging Symposium Registration

7:30 a.m. **Imaging Symposia** (*concurrent sessions*)

A. Cardiovascular Ultrasound Workshop (*GE Ultrasound*)
Steven C. Romero, MD

B. Cardiovascular Ultrasound Workshop (*Philips Ultrasound*)
Douglas C. Shook, MD

9 a.m. Break

9:15 a.m. **Symposia Repeat** (*concurrent sessions*)

11 a.m. Imaging Workshops Adjourn

These hands-on workshops are designed to enhance the skill set for echocardiographers, cardiac sonographers, invasive and interventional cardiologists involved in pre-operative and intra-operative imaging for structural intervention. Expert imaging faculty and applications specialists will guide the audience through the analysis of cardiac anatomy using TTE and TEE images and loops including three-dimensional echo datasets on individual work stations. Instruction will emphasize display of anatomy and measurements for pre-procedural analysis and intra-procedure guidance for TAVR, transseptal puncture, LAA and ASD closure, and mitral and tricuspid valve procedures. Each session is limited to 40 participants and repeats once.

Conference Agenda

Wednesday, February 5, 2020

- 11 a.m. Main Conference Registration Opens
- 11:30 a.m. **Lunch Symposium**
Patent Foramen Ovale *Non-CME Activity*
- 1 p.m. Break & Exhibit Hall Opens
- 1:30 p.m. **LIVE CASE**
The Mitral Valve: Clinical-Pathologic Correlations
Douglas C. Shook, MD
Echocardiographic Evaluation of Mitral Regurgitation and Its Implication for Transcatheter Therapy: State of the Art
Rebecca L. Hahn, MD
MitraClip™ for the Interventional Imager: Procedural Guidance Step by Step
G. Burkhard Mackensen, MD
Quantification and Evaluation of Residual Mitral Regurgitation and Echo Hemodynamics after MitraClip™
Stephen H. Little, MD
- 3:30 p.m. Break & View Exhibits
- 4 p.m. **LIVE CASE**
The Tricuspid Valve: Clinical-Pathologic Correlations
Douglas C. Shook, MD
Quantifying the Severity and Mechanism of Tricuspid Regurgitation By Echocardiography: State of the Art
Rebecca L. Hahn, MD
Transcatheter Therapy for Tricuspid Regurgitation: TriClip™ and Other Emerging Therapies
Saibal Kar, MD
Tricuspid Edge to Edge Repair for the Interventional Imager: Procedural Guidance Step by Step
G. Burkhard Mackensen, MD
- 6 p.m. Main Conference Adjourns & Cocktail Reception
- 6:30 p.m. **Dinner Symposium**
Transcatheter Mitral Valve Repair: Optimizing Intervention, Imaging and Patient Management
Non-CME Activity
- 8 p.m. Symposium Adjourns

Thursday, February 6, 2020

- 6:30 a.m. Breakfast & View Exhibits
- 7:30 a.m. **LIVE CASE**
TAVR in 2020: State of the Art
Paul S. Teirstein, MD
Alternative Access TAVR: Patient Selection and Techniques
James M. McCabe, MD
TAVR for Bicuspid Aortic Valves: Patient Selection, Technique and Outcomes
Rahul P. Sharma, MBBS
General Anesthesia or Conscious Sedation for TAVR: Choosing Patients Wisely
G. Burkhard Mackensen, MD
- 9:30 a.m. Break & View Exhibits

Thursday, February 6 (cont.)

- 10 a.m. **LIVE CASE**
Preventing Coronary Obstruction During TAVR: Predictors and Management
James M. McCabe, MD
Practical Anatomy: The Left Atrial Appendage
Mark Reisman, MD
Device Thrombosis Post-LAA Closure: Diagnosis, Predictors, Prevention, and Management
Jacqueline Saw, MD
Intracardiac Echocardiography Guidance for LAA Closure: Rules of the Road
Miguel Valderrabano, MD
Transcatheter LAA Closure for Stroke Prevention: Current Data and Future Directions
Matthew J. Price, MD
- Noon Lunch Service
- 12:15 p.m. **Lunch Symposium**
Non-CME Activity
- 1:15 p.m. Break & Transition back to General Session
- 1:30 p.m. **LIVE CASE**
Physiology of the Left Atrium in Health and Disease
Sanjiv J. Shah, MD
Deep Dive: Echocardiographic Markers of LA Disease
Michael H. Picard, MD
Interatrial Shunt Devices for HFpEF and HFrEF
Rajeev C. Mohan, MD
Transcatheter Tricuspid Valve-in-Valve and Valve-in-Ring Implantation: Patient Evaluation, Technique and Outcomes
Jamil A. Aboulhson, MD
- 3:30 p.m. Break & View Exhibits
- 4 p.m. **LIVE CASE**
Practical Anatomy: The Interatrial Septum
Mark Reisman, MD
Fundamentals of ICE Imaging for PFO, ASD Closure and Transseptal Puncture
Gagan D. Singh, MD
ASD Closure in the Older Adult: When to Tread Lightly
Jamil A. Aboulhson, MD
The Interventional Imager: Toward A New Imaging Track
Dee Dee Wang, MD
- 6 p.m. Main Conference Adjourns & Cocktail Reception
- 6:30 p.m. **Dinner Symposium**
Optimizing TAVR: Improving Procedural Safety and Outcomes Across the Spectrum of Aortic Disease
Non-CME Activity
- 8 p.m. Symposium Adjourns

Friday, February 7, 2020

- 6:30 a.m. Breakfast & View Exhibits
- 7:30 a.m. **LIVE CASE**
Practical Anatomy: The Challenge of Transcatheter Mitral Valve Replacement (TMVR)
Mark Reisman, MD
Prediction, Prevention and Management of Left Ventricular Outflow Tract Obstruction After TMVR
Dee Dee Wang, MD
Proportionate and Disproportionate MR in the Setting of Left Ventricular Dysfunction
Michael H. Picard, MD
Transcatheter Repair Update: Annuloplasty, Chordal Replacement and More
Jason H. Rogers, MD
- 9:30 a.m. Break & View Exhibits
- 10 a.m. **LIVE CASE**
TAVR: Thinking Outside the Box
Curtiss T. Stinis, MD
My Worst MitraClip™ Complication... And What I Learned From It
Jason H. Rogers, MD
My Worst LAA Closure Complication... And What I Learned From It
Jacqueline Saw, MD
My Worst TAVR Complication... And What I Learned From It
Curtiss T. Stinis, MD
- Noon Final Adjournment

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



Download the Scripps CME app for your smart phone or tablet!

All conference information including a detailed agenda, faculty listing, faculty disclosures, industry support, attendee list, and course materials can be found on the free Scripps CME conference app for smart phones, tablets, and laptop computers. To download the app on your smart phone or other device visit the appropriate app store and search Scripps CME. The app is free of charge and will be continuously updated during and after the course.

To access the site using a web browser: <http://www.grupio.com/SHI20>

Conference Location & Hotel Information

Hyatt Regency La Jolla

3777 La Jolla Village Drive
San Diego, California 92122
Reservations: **888-421-1442**
Phone: **858-552-1234**

Rates and Reservations

We are fortunate to have obtained special low rates at the hotel starting at \$249 per night for a single or double room (plus tax) for those who reserve their room under the Scripps block. This low rate also includes:

- Waived resort fee
- Discounted overnight self-parking
- Complimentary guestroom internet access

Make your reservations early! A block of rooms is being held for us at the \$249 rate **until Tuesday, January 14, 2020 or until the block fills, whichever comes first.** After this date, reservations will be accepted based on space availability and the special room rate may not be honored. Be sure to request the Scripps Structural Heart Intervention conference when making reservations. **A direct link to reserve rooms at the discounted rate can be found on the conference web page under the conference location section: www.scripps.org/shicme**



Conference Fees & Registration

Register Online:
www.scripps.org/shicme

Space is limited, so register early!

Included: Course tuition, breakfasts, breaks, lunch, dinners, internet access, and electronic course materials

Not Included: Travel costs, lodging and parking

Main Conference

	Thru Jan 6	Jan 7 - Feb 3	On-site After Feb 3
Wednesday Pre-Conference Sessions	\$75	\$100	\$125
GENERAL CONFERENCE			
Physicians (MD, DO)	\$625	\$650	\$675
Residents & Fellows	\$400	\$425	\$450
RN, NP, PA, Tech, Other	\$350	\$375	\$400
Scripps/ASE Physician Member	\$500	\$525	\$550
Scripps/ASE Non-Physician Member	\$260	\$285	\$310

Attendance Policies

Attendee Cancellation, Substitution, Refund

The course tuition is refundable, minus a \$100 processing fee, if your cancellation is received in writing no later than Friday, January 31, 2020. Attendee substitutions are allowed, but notification must be made in writing by Friday, January 31, 2020. After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to "no shows."

Guest Attendance Policy

All conference activities, including, meal functions, are exclusively reserved for paid conference attendees. Children and family members are not allowed in the conference areas. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

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. We are unable to refund any travel costs (flight, hotel, etc.) in the case of Scripps cancellation.

Recording and Photography Clause

Scripps reserves exclusive rights to record (audio and video) and/or photograph all conference proceedings for use in marketing materials, presentations and course content sales.



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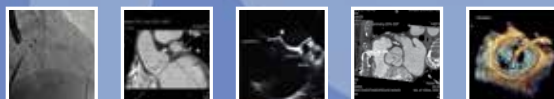
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