

SCAECHO

February 4-7, 2027
Nashville, Tennessee
Hilton Nashville Downtown



SOCIETY OF
CARDIOVASCULAR
ANESTHESIOLOGISTS
Knowledge • Care • Investigation



New Location!
NASHVILLE, TN



CHAIR'S MESSAGE



Kimberly Howard-Quijano
MD, MS, FASE
Chair

We are thrilled to invite you to SCA Echo 2027, taking place February 4 –7, in the vibrant city of Nashville, Tennessee!

Get ready for four immersive days of learning, collaboration, and inspiration as we explore the cutting edge of echocardiography in perioperative and surgical care. The 2027 program will expand on the series of dynamic multidisciplinary panels that explore the pivotal role of echocardiography in shaping surgical decision-making, especially in the realms of valvular heart disease, mechanical circulatory support, and data discordance.



Step into the heart of the operating room as we tackle real-world clinical challenges and evolving strategies. Participate in enriching discussions on the ever-expanding role of echocardiography in perioperative care, the latest transcatheter procedures in structural heart disease, and how to incorporate 3D echocardiography into your clinical practice.

Elevate your expertise in our signature “Learn from the Experts” sessions which will highlight echo-anatomic correlations with porcine dissections of the aortic, mitral and tricuspid valves and hone your hands-on skills in our 3D echocardiography breakout sessions.

Whether you’re aiming to refine your skills, expand your clinical toolbox, or connect with leaders in the field, SCA Echo 2027 offers an unmatched opportunity to achieve your goals.

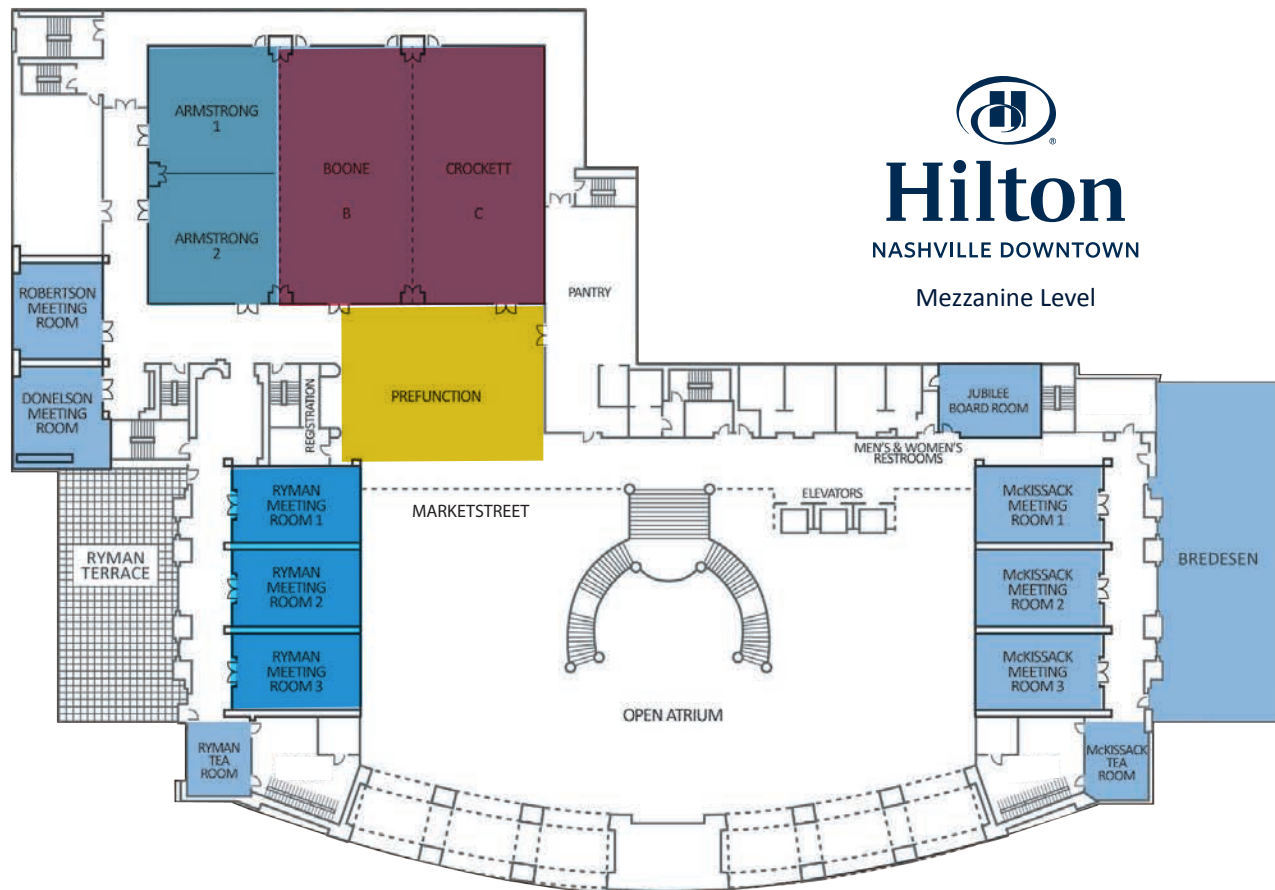
Kimberly Howard-Quijano, MD, MS, FASE
SCA Echo Chair

FEBRUARY 4-7, 2027

Nashville, Tennessee



SCA ECHO MEETING SPACE



- **GENERAL SESSIONS** BOONE & CROCKETT
- **BREAK OUT SESSIONS** RYMAN ROOMS
- **REGISTRATION, EXHIBITS & COCKTAIL HOUR** PRE-FUNCTION
- **MEALS** ARMSTRONG 1 & 2

Kiran Belani, MD, FASE, FACC

Northwestern Memorial Hospital

Himani V. Bhatt, DO, MPA

Mount Sinai West/Morningside

Muath Bishawi, MD, PhD

Emory University

Deepak Borde, MD

Ozone Anesthesia Group

Aurangabad, Maharashtra, India

MaryBeth Brady, MD, FASE

Johns Hopkins University School of Medicine

Nelson H. Burbano-Vera, MD

Cleveland Clinic

Robert Deegan, MBBCh, PhD, FFARCSI

Vanderbilt University Medical Center

Kendra Derry, MD

St. Michael's Hospital

Anna-Maria Eid, MD

Vanderbilt University Medical Center

Jared W. Feinman, MD, FASE

University of Pennsylvania Health Systems

Enrique Garcia-Sayan, MD, FACC, FASE

Baylor College of Medicine

Kimberly Howard-Quijano, MD, MS, FASE

University of Pittsburgh Medical Center

Emily J. Mackay, DO, MS, FASE

University of Pennsylvania

Stephen H. Little, MD

Houston Methodist Hospital

G. Burkhard Mackensen, MD, PhD, FASE, FSCAI

UW Medicine

Moody Makar, MD

Cedars Sinai Medical Center

Sharon McCartney, MD

Duke University

Massimiliano Meineri, MD, FASE

Zurich University Hospital

Samhati Mondal, MD, MS, FASE

University of Maryland School of Medicine

Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE

Sunnybrook Health Science Centre

Ingrid Moreno-Duarte, MD, FASE

UT Southwestern/Children's Dallas Medical Center

Alina Nicoara, MD

Duke University Hospital

Charles B. Nyman, MBBCh

Brigham and Women's Hospital

Sheela Pai Cole, MD, FASE, FASA

Stanford University

Fabio de Vasconcelos Papa, MD, MScCH, FASE

St. Michael's Hospital - University of Toronto

Angela Pollak, MD, FASE

Duke University

Sophia Poorsattar, MD

UCLA Medical Center

Mias Pretorius, MBChB

Vanderbilt University Medical Center

Yue Qiu, MD

University of Pittsburgh

Gabriela Querejeta Roca, MD

Brigham and Women's Hospital

Ellen Richter, MD, FASE

Emory University Hospital

Mark Robitaille, MD

Beth Israel Deaconess Medical Center

Ashraf Sabe, MD

Brigham and Women's Hospital

Lucy M. Safi, DO, FACC, FASE, FSCAI

Mount Sinai Hospital

Aidan Sharkey, MD

Beth Israel Deaconess Medical Center

Stanton K. Shernan, MD

Brigham and Women's Hospital

Richard Sheu, MD, FASE

University of Washington

Douglas C. Shook, MD, FASE

Mass General Brigham, Harvard Medical School

Mark A. Taylor, MD, FASE

Enterprise Surgical Operations - Cleveland Clinic

Ratna Vadlamudi, MD

Emory University

Alice Whyte, MBBS, FANZCA

Vanderbilt University Medical Center

Aaron Williams, MD

Vanderbilt University Medical Center

Kan Zhang, MD

Boston Children's Hospital, Brigham and Women's Hospital

COMMITTEE

2027 PROGRAM PLANNING COMMITTEE

Chair

Kimberly Howard-Quijano, MD, MS, FASE

Vice-Chair

Aidan Sharkey, MD

Parent-Committee Chair

Douglas C. Shook, MD, FASE

Board Liaison

Alina Nicoara, MD

Samhati Mondal, MD

Liaison - Member, Scientific Program Committee

Richard S. Yeom, MD

Liaison - Member, Online Education
Sub-Committee

Members

Jared W. Feinman, MD, FASE

Member - Liaison from Echo to OESC

Moody Makar, MD

Ingrid Moreno-Duarte, MD

Member - Liaison from Echo to SPC

Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE

Fabio de Vasconcelos Papa, MD, MScCH, FASE

Angela Pollak, MD, FASE

Gabriela Querejeta Roca, MD

Ellen Richter, MD, FASE

Quratulain Samoon, MD

Ratna Vadlamudi, MD



THURSDAY, FEBRUARY 4, 2027

10:00 am – 5:30 pm	Registration/Information Desk Open
1:30 pm – 1:35 pm	Meeting Kick-Off Announcements <i>Moderators: Kimberly Howard-Quijano, MD, MS, FASE and Aidan Sharkey, MD</i>
1:35 pm – 3:15 pm	The “How To” 3D Symposium <i>Moderators: Kimberly Howard-Quijano, MD, MS, FASE and Gabriela Querejeta-Roca, MD</i>
1:35 pm – 1:55 pm	Adding a Dimension: 3D Imaging Fundamentals <i>Alice Whyte, MBBS</i>
1:55 pm – 2:15 pm	How I Optimize My 3D Imaging <i>Samhati Mondal, MD, MS, FASE</i>
2:15 pm – 2:35 pm	How I Use Multiplanar Reconstruction <i>Aidan Sharkey, MD</i>
2:35 pm – 2:55 pm	3D Pitfalls, Artifacts and Troubleshooting <i>Mias Pretorius, MBChB</i>
2:55 pm – 3:15 pm	Q&A
3:15 pm – 3:30 pm	Break
3:30 pm – 5:00 pm	More Than a Picture: Putting 3D and Advanced TEE to Work <i>Moderators: Aidan Sharkey, MD and Samhati Mondal, MD, MS, FASE</i>
3:30 pm – 3:45 pm	Aortic Valve <i>Ellen Richter, MD, FASE</i>
3:45 pm – 4:00 pm	Mitral Valve <i>Gabriela Querejeta-Roca, MD</i>
4:00 pm – 4:15 pm	Tricuspid Valve <i>Mark Robitaille, MD</i>
4:15 pm – 4:30 pm	Real Time 3D <i>Kendra Derry, MD</i>
4:30 pm – 4:45 pm	Strain Imaging <i>Kimberly Howard-Quijano, MD, MS, FASE</i>
4:45 pm – 5:00 pm	Q&A

All General Sessions in Boone and Crockett.

All times in Central Standard Time.



FRIDAY, FEBRUARY 5, 2027

6:00 am – 5:15 pm	Registration/Information Desk Open
6:45 am – 7:20 am	Breakfast
7:30 am – 9:00 am In Person Only	Echo Anatomy for Aortic Valve – Heart Dissection Moderator: <i>Aidan Sharkey, MD</i> Instructors: <i>Massimiliano Meineri, MD, FASE and Aaron Williams, MD</i>
9:00 am – 9:15 am	Break
9:00 am – 10:00 am In Person Only	Learning from the Experts: Small Group – Pre-registration Required (See page 12 for more information)
10:00 am – 11:00 am In Person Only	Learning from the Experts: Small Group – Pre-registration Required (See page 12 for more information)
9:15 am – 11:00 am	Decision Making in Aortic Surgery Moderators: <i>Aidan Sharkey, MD and Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE</i>
9:15 am – 9:35 am	Bicuspid Aortic Valve and Aortopathy <i>Ingrid Moreno-Duarte, MD, FASE</i>
9:35 am – 9:55 am	The Role of Echo in Aortic Valve Repair <i>Emily Mackay, DO, MS, FASE</i>
9:55 am – 10:15 am	When the Aorta Isn't Where You Expect It <i>Nelson Burbano-Vera, MD</i>
10:15 am – 10:35 am	Challenging Aortic Cases <i>Gabriela Querejeta-Roca, MD</i>
10:35 am – 10:45 am	Q&A
10:45 am – 11:00 am	Break
11:00 am – 12:30 pm	Echo Evolved: A Field In Constant Motion Moderators: <i>Ellen Richter, MD, FASE and Gabriella Querejeta Roca, MD</i>
11:00 am – 11:15 am	When Every Second Counts: Rescue TEE <i>Ellen Richter, MD, FASE</i>
11:15 am – 11:30 am	Shades Of Contrast: When (and Why) to Enhance the Intraoperative Echo <i>Enrique Garcia-Sayan, MD, FACC, FASE</i>
11:30 am – 11:45 am	Diastolic Dysfunction: How I Measure and How It Changes My Perioperative Management <i>Ratna Vadlamudi, MD</i>
11:45 am – 12:00 pm	POCUS and VEXUS for Rapid Clinical Decision Making <i>Sheela Pai Cole, MD, FASE, FASA</i>
12:00 pm – 12:15 pm	Interventional Echo for LAAO Devices <i>MaryBeth Brady, MD, FASE</i>
12:15 pm – 12:30 pm	Q&A
12:30 pm – 1:45 pm	Sponsored Lunch – Innovation

FRIDAY, FEBRUARY 5 (continued)

1:45 pm – 3:15 pm	First Look, Hard Choices: Pre-CPB Dilemmas Moderators: <i>Ingrid Moreno-Duarte, MD, FASE and Kimberly Howard-Quijano, MD, MS, FASE</i> Panelists: <i>Aaron Williams, MD, Sheila Pai Cole, MD and Enrique Garcia-Sayan, MD, FACC, FASE</i>
1:45 pm – 2:05 pm	Echo Curveballs: Unexpected Findings in the OR <i>Jared Feinman, MD</i>
2:05 pm – 2:25 pm	Echoes of Surprise: When Intraoperative TEE Doesn't Match the Preop Study <i>Sophia Poorsattar, MD</i>
2:25 pm – 2:45 pm	Looking Beyond "Moderate" MR: Echo Clues That Change Management <i>Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE</i>
2:45 pm – 3:05 pm	To Close or Not to Close? Echo-Guided Management of Cardiac Septal Defects <i>Ingrid Moreno-Duarte, MD, FASE</i>
2:00 pm – 3:00 pm In Person Only	Learning from the Experts: Small Group – Pre-registration Required (See page 12 for more information)
3:05 pm – 3:15 pm	Q&A
3:15 pm – 3:30 pm	Break
3:00 pm – 4:00 pm In Person Only	Learning from the Experts: Small Group – Pre-registration Required (See page 12 for more information)
3:30 pm – 5:00 pm	Echo Wars Moderators: <i>Kimberly Howard-Quijano, MD, MS, FASE and Aidan Sharkey, MD</i> Panelists: <i>Stanton Shernan, MD, Sheela Pai Cole, MD, FASE, FASA, Mark Taylor, MD, FASE, MaryBeth Brady, MD, FASE and Enrique Garcia-Sayan, MD, FACC, FASE</i>
3:30 pm – 3:50 pm	Case 1: Mixing Cloud After Impella 5.5 Insertion with Retrograde V-A ECMO Flow: An Echocardiographic Demonstration of North-South Syndrome and Risk for Thrombus Formation <i>Samuel George, DO</i>
3:50 pm – 4:10 pm	Case 2: Amulet Atrial Appendage Occlusion Device Embolization Complicated by Mitral Valve Injury During Retrieval Requiring Transcatheter Repair <i>Anna-Maria Eid, MD</i>
4:10 pm – 4:30 pm	Case 3: One Difficult Decision Leads to Another: TEE-Guided Management of Left Atrial Dissection Following Aortic Root Replacement <i>Tyler Cook, DO</i>
4:30 pm – 4:50 pm	Case 4: TEE-Directed Management of Destructive Mitral Endocarditis in the Setting of Ehlers Danlos Syndrome and Hypertrophic Obstructive Cardiomyopathy with Systolic Anterior Motion of the Mitral Valve <i>Lauren Bougioukas, MD</i>
4:50 pm – 5:00 pm	Case 5: Incidental Finding of Unroofed Coronary Sinus <i>Stephen Tapia-Ruano, MD</i>
5:00 pm – 8:00 pm	SCA Echo Faculty Dinner

SATURDAY, FEBRUARY 6, 2027

6:00 am – 6:30 pm	Registration/Information Desk Open
6:45 am – 7:20 am	Breakfast
7:30 am – 8:50 am In Person Only	Echo Anatomy for The Mitral Valve – Heart Dissection Moderator: <i>Kimberly Howard-Quijano, MD, MS, FASE</i> Instructors: <i>Douglas Shook, MD, FASE and Ashraf Sabe, MD</i>
8:50 am – 9:05 am	Break
9:05 am – 10:40 am	Decision Making In Mitral Valve Surgery Moderators: <i>Kimberly Howard-Quijano, MD, MS, FASE and Samhati Mondal, MD, MS, FASE</i> Panelists: <i>Lucy Safi, DO, FACC, FASE, FSCAI and Muath Bishawi, MD, PhD</i>
9:05 am – 9:25 am	Mitral Valve Disease: Suitability of Repair <i>Stanton Shernan, MD</i>
9:25 am – 9:45 am	The Comprehensive Echo Assessment for MVR Surgery vs Percutaneous <i>Lucy Safi, DO, FACC, FASE, FSCAI</i>
9:45 am – 10:05 am	Assessment After Mitral Valve Surgery – What Does the Surgeon Need to Know? <i>Muath Bishawi, MD, PhD</i>
10:05 am – 10:25 am	Advanced TEE Techniques for MV Assessment <i>G. Burkhard Mackensen, MD, PhD, FASE, FSCAI</i>
10:25 am – 10:40 am	Q&A
10:40 am – 10:55 am	Break
10:00 am – 11:00 am In Person Only	Learning from the Experts: Small Group – Pre-registration Required (See page 12 for more information)
10:55 am – 12:25 pm	Second Look, New Choices: Post-CPB Dilemmas Moderators: <i>Moody Makar, MD and Aidan Sharkey, MD</i> Panelists: <i>Lucy Safi, DO, FACC, FASE, FSCAI, Muath Bishawi, MD, PhD, and Mark Taylor, MD, FASE</i>
10:55 am – 11:15 am	Dynamic LVOT Obstruction/SAM <i>Ratna Vadlamudi, MD</i>
11:15 am – 11:35 am	Post Mitral Valve Repair – Is It Good Enough? <i>Fabio de Vasconcelos Papa, MD, MScCH, FASE</i>
11:35 am – 11:55 am	New Myocardial Dysfunction <i>Angela Pollak, MD, FASE</i>
11:55 am – 12:15 pm	Decoding High Prosthetic Valve Gradients – When to Worry? <i>Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE</i>
12:15 pm – 12:25 pm	Q&A
12:25 pm – 1:00 pm	Gather Lunch
1:00 pm – 1:10 pm	SCA Leadership Update <i>Douglas Shook, MD, FASE</i>
1:10 pm – 1:55 pm	Arthur E. Weyman Lecture with Lunch – Stephen H. Little, MD Moderators: <i>Kimberly Howard-Quijano, MD and Aidan Sharkey, MD</i> Supported by National Board of Echocardiography
1:55 pm – 2:05 pm	Awards

SATURDAY, FEBRUARY 6 (continued)

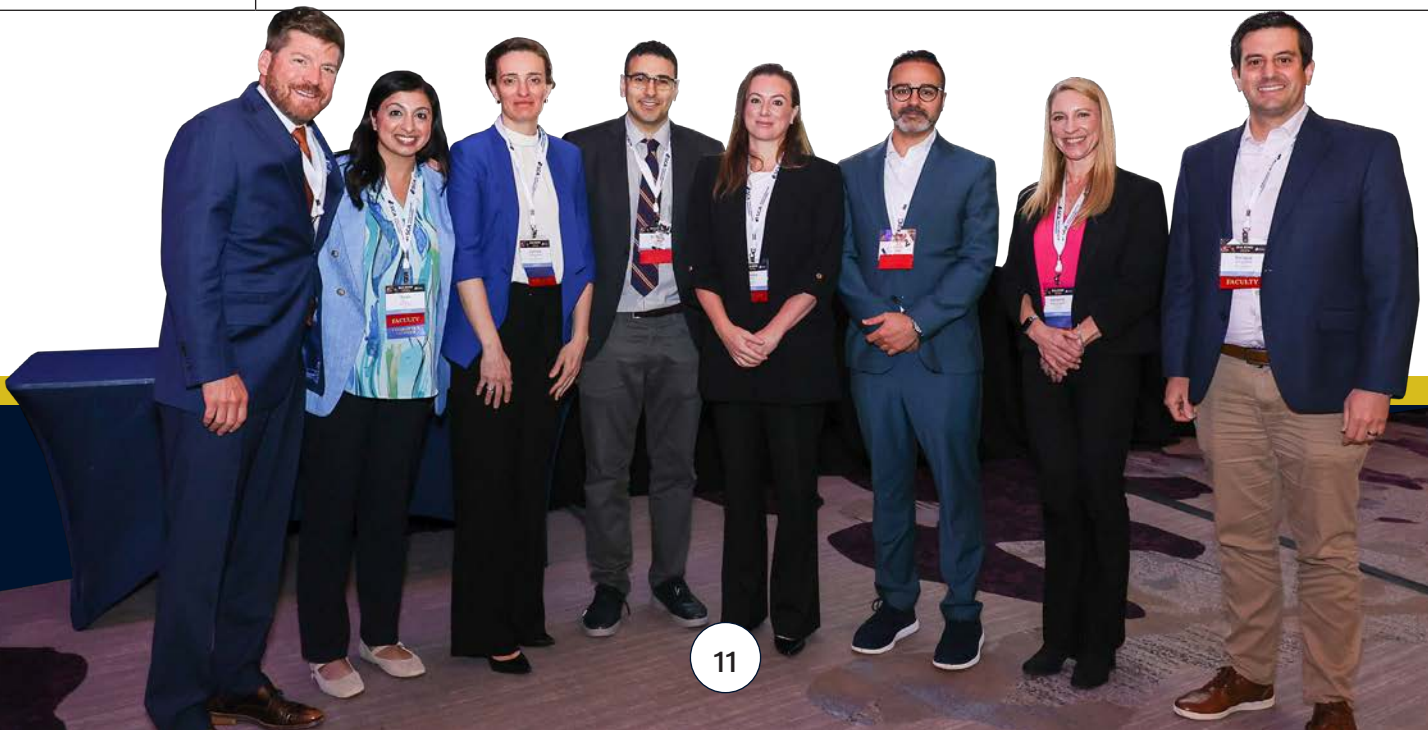
2:05 pm – 3:35 pm	Echo Without Borders: A Joint Session with EACTAIC Moderators: <i>Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE and Kimberly Howard-Quijano, MD, MS, FASE</i> Panelist: <i>G. Burkhard Mackensen, MD, PhD, FASE, FSCAI</i>
2:05 pm – 2:10 pm	Introductions
2:10 pm – 2:25 pm	Heart Team Differences for Selection and Management <i>Charles Nyman, MBBCh</i>
2:25 pm – 2:40 pm	Echocardiography in Minimally Invasive Cardiac Surgery <i>Massimiliano Meineri, MD, FASE</i>
2:40 pm – 3:00 pm	Is There a Role for AI in Perioperative Echocardiography <i>Deepak Borde, MD</i>
3:00 pm – 3:20 pm	Go Back on Bypass or Refer to Interventional Cardiology? <i>Kiran Belani, MD, FASE, FACC</i>
3:20 pm – 3:35 pm	Q&A
3:35 pm – 3:50 pm	Break
2:00 pm – 3:00 pm In Person Only	Learning from the Experts: Small Group – Pre-registration Required (See page 12 for more information)
3:00 pm – 4:00 pm In Person Only	Learning from the Experts: Small Group – Pre-registration Required (See page 12 for more information)
3:50 pm – 5:25 pm	Bridge to Somewhere: MCS and Transplant Moderators: <i>Kimberly Howard-Quijano, MD, MS, FASE and Aidan Sharkey, MD</i> Panelists: <i>Stanton Shernan, MD, Sheela Pai Cole, MD, FASE, FASA, Mark Taylor, MD, FASE, MaryBeth Brady, MD, FASE and Enrique Garcia-Sayan, MD, FACC, FASE</i>
3:50 pm – 4:10 pm	Adult CHD – From Failing Fontan to Heart Transplant <i>Nelson Burbano-Vera, MD</i>
4:10 pm – 4:30 pm	A Change of Heart: Echo's Role in Transplantation <i>Himani Bhatt, DO, MPA</i>
4:30 pm – 4:50 pm	The Eyes in the OR: Echo in Lung Transplant <i>Jared Feinman, MD</i>
4:50 pm – 5:10 pm	My Patient is Failing on MCS: Echo to the Rescue <i>Sharon McCartney, MD</i>
5:10 pm – 5:25 pm	Q&A
5:25 pm – 6:25 pm	Cocktail Hour
6:30 pm – 7:30 pm	SCA Echo Committee Meeting

All General Sessions in Boone and Crockett.
All times in Central Standard Time.



SUNDAY, FEBRUARY 7, 2027

6:00 am – 12:30 pm	Registration/Information Desk Open
6:45 am – 7:20 am	Breakfast
7:30 am – 8:50 am In Person Only	Echo Anatomy for Tricuspid Valve – Heart Dissection Moderator: <i>Aidan Sharkey, MD</i> Instructors: <i>Douglas Shook, MD, FASE and Ashraf Sabe, MD</i>
8:50 am – 9:05 am	Break
9:05 am – 10:30 am	Decision Making in Tricuspid Valve Moderators: <i>Fabio de Vasconcelos Papa, MD, MScCH, FASE and Kimberly Howard-Quijano, MD, MS, FASE</i>
9:05 am – 9:20 am	How I Grade Tricuspid Regurgitation in the Operating Room <i>Moody Makar, MD</i>
9:20 am – 9:35 am	Mechanisms of Tricuspid Regurgitation: Does it Matter? <i>Robert Deegan, MBBCh, PhD, FFARCSI</i>
9:35 am – 9:50 am	Tricuspid Regurgitation in the OR: When to Intervene, and When to Let it Be <i>Fabio de Vasconcelos Papa, MD, MScCH, FASE</i>
9:50 am – 10:05 am	Evolving Landscape of Percutaneous TV Interventions <i>Richard Sheu, MD</i>
10:05 am – 10:20 am	One Valve, Many Variations: Ebstein's Anomaly Unpacked <i>Kan Zhang, MD</i>
10:20 am – 10:30 am	Q&A
10:30 am – 10:45 am	Break
10:45 am – 12:15 pm	Right-Sided Riddles: TV and RV Clinical Dilemmas Moderators: <i>Angela Pollak, MD, FASE and Aidan Sharkey, MD</i> Panelists: <i>Douglas Shook, MD, FASE and Ashraf Sabe, MD</i>
10:45 am – 11:05 am	TV Repair Versus Replacement – Echo Guided Decision Making <i>Moody Makar, MD</i>
11:05 am – 11:25 am	Not All Shunts are Created Equal: Congenital vs. Iatrogenic VSDS <i>Kan Zhang, MD</i>
11:25 am – 11:45 am	RV-Pulmonary Artery Coupling: What the Echocardiographer Needs to Know <i>Alina Nicoara, MD</i>
11:45 am – 12:05 pm	The RV Looks Terrible – Now What? <i>Angela Pollak, MD, FASE</i>
12:05 pm – 12:15 pm	Q&A



BREAK OUT SESSIONS

LEARNING FROM THE EXPERTS: SMALL GROUP STATIONS ON 3D ECHO

FEBRUARY 5, 2027 (9:00 AM – 10:00 AM)

GE: *Mark Robitaille, MD*

Philips: *Yue Qiu, MD and Ratna Vadlamudi, MD*

FEBRUARY 5, 2027 (10:00 AM – 11:00 AM)

GE: *Kendra Derry, MD*

Philips: *Ellen Richter, MD, FASE and Anna-Maria Eid, MD*

FEBRUARY 5, 2027 (2:00 PM – 3:00 PM)

GE: *Mark Robitaille, MD*

Philips: *Gabriela Querejeta-Roca, MD and Anna-Maria Eid, MD*

FEBRUARY 5, 2027 (3:00 PM – 4:00 PM)

GE: *Kiran Belani, MD, FASE, FACC*

Philips: *Yue Qiu, MD and Nelson Burbano-Vera, MD*

FEBRUARY 6, 2027 (10:00 AM – 11:00 AM)

GE: *Alina Nicoara, MD*

Philips: *Richard Sheu, MD and Jared Feinman, MD*

FEBRUARY 6, 2027 (2:00 PM – 3:00 PM)

GE: *Kendra Derry, MD*

Philips: *Sharon McCartney, MD and Sophia Poorsattar, MD*

FEBRUARY 6, 2027 (3:00 PM – 4:00 PM)

GE: *Aidan Sharkey, MD*

Philips: *Stanton Shernan, MD and Himani Bhatt, DO, MPA*

**In-Person
Only
Pre-Registration
Required**



Join Us in Nashville, Tennessee

**NEW
LOCATION!**

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February 4-7

NASHVILLE 2027



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