SCA ECHO

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

SOCIETY OF CARDIOVASCULAR ANESTHESIOLOGISTS
Knowledge • Care • Investigation



scahq.org scahq SocietyofCardiovascularAnesthesiologists **#SCAEcho2027**

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

SCA ECHO MEETING SPACE



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

FACULTY

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

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





SCA
Society of Cardiovascular Anesthesiologists

THURSDAY, FEBRUARY 4, 2027

10:00 am – 5:30 pm	**Registration/Information Desk Open**
1:30 pm – 1:35 pm	**Meeting Kick-Off Announcements** *Moderators: Kimberly Howard-Quijano, MD, MS, FASE and Aidan Sharkey, MD*
1:35 pm – 3:15 pm	**The "How To" 3D Symposium** **Moderators:** *Kimberly Howard-Quijano, MD, MS, FASE and Gabriela Querejeta-Roca, MD*
1:35 pm – 1:55 pm	Adding a Dimension: 3D Imaging Fundamentals *Alice Whyte, MBBS*
1:55 pm – 2:15 pm	How I Optimize My 3D Imaging *Samhati Mondal, MD, MS, FASE*
2:15 pm – 2:35 pm	How I Use Multiplanar Reconstruction *Aidan Sharkey, MD*
2:35 pm – 2:55 pm	3D Pitfalls, Artifacts and Troubleshooting *Mias Pretorius, MBChB*
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** **Moderators:** *Aidan Sharkey, MD and Samhati Mondal, MD, MS, FASE*
3:30 pm – 3:45 pm	Aortic Valve *Ellen Richter, MD, FASE*
3:45 pm – 4:00 pm	Mitral Valve *Gabriela Querejeta-Roca, MD*
4:00 pm – 4:15 pm	Tricuspid Valve *Mark Robitaille, MD*
4:15 pm – 4:30 pm	Real Time 3D *Kendra Derry, MD*
4:30 pm – 4:45 pm	Strain Imaging *Kimberly Howard-Quijano, MD, MS, FASE*
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:** *Aidan Sharkey, MD* **Instructors:** *Massimiliano Meineri, MD, FASE and Aaron Williams, MD*
9:00 am – 9:15 am	**Break**
9:00 am – 10:00 am	Learning from the Experts: Small Group — Pre-registration Required In Person Only *(See page 12 for more information)*
10:00 am – 11:00 am	Learning from the Experts: Small Group — Pre-registration Required In Person Only *(See page 12 for more information)*
9:15 am – 11:00 am	**Decision Making in Aortic Surgery** **Moderators:** *Aidan Sharkey, MD and Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE*
9:15 am – 9:35 am	Bicuspid Aortic Valve and Aortopathy *Ingrid Moreno-Duarte, MD, FASE*
9:35 am – 9:55 am	The Role of Echo in Aortic Valve Repair *Emily Mackay, DO, MS, FASE*
9:55 am – 10:15 am	When the Aorta Isn't Where You Expect It *Nelson Burbano-Vera, MD*
10:15 am – 10:35 am	Challenging Aortic Cases *Gabriela Querejeta-Roca, MD*
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:** *Ellen Richter, MD, FASE and Gabriella Querejeta Roca, MD*
11:00 am – 11:15 am	When Every Second Counts: Rescue TEE *Ellen Richter, MD, FASE*
11:15 am – 11:30 am	Shades Of Contrast: When (and Why) to Enhance the Intraoperative Echo *Enrique Garcia-Sayan, MD, FACC, FASE*
11:30 am – 11:45 am	Diastolic Dysfunction: How I Measure and How It Changes My Perioperative Management *Ratna Vadlamudi, MD*
11:45 am – 12:00 pm	POCUS and VEXUS for Rapid Clinical Decision Making *Sheela Pai Cole, MD, FASE, FASA*
12:00 pm – 12:15 pm	Interventional Echo for LAAO Devices *MaryBeth Brady, MD, FASE*
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:** *Ingrid Moreno-Duarte, MD, FASE and Kimberly Howard-Quijano, MD, MS, FASE* **Panelists:** *Aaron Williams, MD, Sheila Pai Cole, MD and Enrique Garcia-Sayan, MD, FACC, FASE*
1:45 pm – 2:05 pm	MOCA Echo Curveballs: Unexpected Findings in the OR *Jared Feinman, MD*
2:05 pm – 2:25 pm	MOCA Echoes of Surprise: When Intraoperative TEE Doesn't Match the Preop Study *Sophia Poorsattar, MD*
2:25 pm – 2:45 pm	MOCA Looking Beyond "Moderate" MR: Echo Clues That Change Management *Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE*
2:45 pm – 3:05 pm	MOCA To Close or Not to Close? Echo-Guided Management of Cardiac Septal Defects *Ingrid Moreno-Duarte, MD, FASE*
2:00 pm – 3:00 pm	Learning from the Experts: Small Group — Pre-registration Required *In Person Only* *(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	Learning from the Experts: Small Group — Pre-registration Required *In Person Only* *(See page 12 for more information)*
3:30 pm – 5:00 pm	**Echo Wars** **Moderators:** *Kimberly Howard-Quijano, MD, MS, FASE and Aidan Sharkey, MD* **Panelists:** *Stanton Shernan, MD, Sheela Pai Cole, MD, FASE, FASA, Mark Taylor, MD, FASE, MaryBeth Brady, MD, FASE and Enrique Garcia-Sayan, MD, FACC, FASE*
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 *Samuel George, DO*
3:50 pm – 4:10 pm	**Case 2:** Amulet Atrial Appendage Occlusion Device Embolization Complicated by Mitral Valve Injury During Retrieval Requiring Transcatheter Repair *Anna-Maria Eid, MD*
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 *Tyler Cook, DO*
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 *Lauren Bougioukas, MD*
4:50 pm – 5:00 pm	**Case 5:** Incidental Finding of Unroofed Coronary Sinus *Stephen Tapia-Ruano, MD*
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:** *Kimberly Howard-Quijano, MD, MS, FASE* **Instructors:** *Douglas Shook, MD, FASE and Ashraf Sabe, MD*
8:50 am – 9:05 am	**Break**
9:05 am – 10:40 am	**Decision Making In Mitral Valve Surgery** **Moderators:** *Kimberly Howard-Quijano, MD, MS, FASE and Samhati Mondal, MD, MS, FASE* **Panelists:** *Lucy Safi, DO, FACC, FASE, FSCAI and Muath Bishawi, MD, PhD*
9:05 am – 9:25 am	Mitral Valve Disease: Suitability of Repair *Stanton Shernan, MD*
9:25 am – 9:45 am	The Comprehensive Echo Assessment for MVR Surgery vs Percutaneous *Lucy Safi, DO, FACC, FASE, FSCAI*
9:45 am – 10:05 am	Assessment After Mitral Valve Surgery – What Does the Surgeon Need to Know? *Muath Bishawi, MD, PhD*
10:05 am – 10:25 am	Advanced TEE Techniques for MV Assessment *G. Burkhard Mackensen, MD, PhD, FASE, FSCAI*
10:25 am – 10:40 am	Q&A
10:40 am – 10:55 am	**Break**
10:00 am – 11:00 am	Learning from the Experts: Small Group — Pre-registration Required *In Person Only* *(See page 12 for more information)*
10:55 am – 12:25 pm	**Second Look, New Choices: Post-CPB Dilemmas** **Moderators:** *Moody Makar, MD and Aidan Sharkey, MD* **Panelists:** *Lucy Safi, DO, FACC, FASE, FSCAI, Muath Bishawi, MD, PhD, and Mark Taylor, MD, FASE*
10:55 am – 11:15 am	MCA Dynamic LVOT Obstruction/SAM *Ratna Vadlamudi, MD*
11:15 am – 11:35 am	MCA Post Mitral Valve Repair – Is It Good Enough? *Fabio de Vasconcelos Papa, MD, MScCH, FASE*
11:35 am – 11:55 am	MCA New Myocardial Dysfunction *Angela Pollak, MD, FASE*
11:55 am – 12:15 pm	MCA Decoding High Prosthetic Valve Gradients – When to Worry? *Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE*
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** *Douglas Shook, MD, FASE*
1:10 pm – 1:55 pm	**Arthur E. Weyman Lecture with Lunch — *Stephen H. Little, MD*** **Moderators:** *Kimberly Howard-Quijano, MD and Aidan Sharkey, MD* 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:** *Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE and Kimberly Howard-Quijano, MD, MS, FASE* **Panelist:** *G. Burkhard Mackensen, MD, PhD, FASE, FSCAI*
2:05 pm – 2:10 pm	Introductions
2:10 pm – 2:25 pm	MCA Heart Team Differences for Selection and Management *Charles Nyman, MBBCh*
2:25 pm – 2:40 pm	Echocardiography in Minimally Invasive Cardiac Surgery *Massimiliano Meineri, MD, FASE*
2:40 pm – 3:00 pm	Is There a Role for AI in Perioperative Echocardiography *Deepak Borde, MD*
3:00 pm – 3:20 pm	MCA Go Back on Bypass or Refer to Interventional Cardiology? *Kiran Belani, MD, FASE, FACC*
3:20 pm – 3:35 pm	Q&A
3:35 pm – 3:50 pm	**Break**
2:00 pm – 3:00 pm	Learning from the Experts: Small Group — Pre-registration Required *In Person Only* *(See page 12 for more information)*
3:00 pm – 4:00 pm	Learning from the Experts: Small Group — Pre-registration Required *In Person Only* *(See page 12 for more information)*
3:50 pm – 5:25 pm	**Bridge to Somewhere: MCS and Transplant** **Moderators:** *Kimberly Howard-Quijano, MD, MS, FASE and Aidan Sharkey, MD* **Panelists:** *Stanton Shernan, MD, Sheela Pai Cole, MD, FASE, FASA, Mark Taylor, MD, FASE, MaryBeth Brady, MD, FASE and Enrique Garcia-Sayan, MD, FACC, FASE*
3:50 pm – 4:10 pm	Adult CHD – From Failing Fontan to Heart Transplant *Nelson Burbano-Vera, MD*
4:10 pm – 4:30 pm	A Change of Heart: Echo's Role in Transplantation *Himani Bhatt, DO, MPA*
4:30 pm – 4:50 pm	The Eyes in the OR: Echo in Lung Transplant *Jared Feinman, MD*
4:50 pm – 5:10 pm	My Patient is Failing on MCS: Echo to the Rescue *Sharon McCartney, MD*
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.



SCA ECHO

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



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

In-Person Only

Pre-Registration Required

FEBRUARY 5, 2027 (9:00 AM – 10:00 AM)
GE: *Mark Robitaille, MD (Image Acquisition)*
Philips: *Yue Qiu, MD and Ratna Vadlamudi, MD (Clinical Application)*

FEBRUARY 5, 2027 (10:00 AM – 11:00 AM)
GE: *Kendra Derry, MD (Clinical Application)*
Philips: *Ellen Richter, MD, FASE and Anna-Maria Eid, MD (Clinical Application)*

FEBRUARY 5, 2027 (2:00 PM – 3:00 PM)
GE: *Mark Robitaille, MD (Image Acquisition)*
Philips: *Gabriela Querejeta-Roca, MD and Anna-Maria Eid, MD (Clinical Application)*

FEBRUARY 5, 2027 (3:00 PM – 4:00 PM)
GE: *Kiran Belani, MD, FASE, FACC (Clinical Application)*
Philips: *Yue Qiu, MD and Nelson Burbano-Vera, MD (Clinical Application)*

FEBRUARY 6, 2027 (10:00 AM – 11:00 AM)
GE: *Alina Nicoara, MD (Clinical Application)*
Philips: *Richard Sheu, MD and Jared Feinman, MD (Clinical Application)*

FEBRUARY 6, 2027 (2:00 PM – 3:00 PM)
GE: *Kendra Derry, MD (Image Acquisition)*
Philips: *Sharon McCartney, MD and Sophia Poorsattar, MD (Clinical Application)*

FEBRUARY 6, 2027 (3:00 PM – 4:00 PM)
GE: *Aidan Sharkey, MD (Clinical Application)*
Philips: *Stanton Shernan, MD and Himani Bhatt, DO, MPA (Clinical Application)*



NEW LOCATION!

SCA ECHO

Join Us in Nashville, Tennessee











February 4–7

NASHVILLE 2027

SOCIETY OF
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ANESTHESIOLOGISTS
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