

SCAECHO 2025

February 20-23

Loews Atlanta Hotel
Atlanta, Georgia



Network:
Loews_Conference
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SCAECHO25





Co-Chair
Alina Nicoara
MD, FASE



Co-Chair
Charles Nyman
MBBCh



Vice-Chair
Kimberly Howard-Quijano
MD, MS, FASE

Dear Friends,

We are delighted to welcome you to the premier perioperative echocardiography conference hosted by the Society of Cardiovascular Anesthesiologists.

In collaboration with the Society of Cardiovascular Anesthesiologists Echo Planning Committee and our esteemed faculty, who are eagerly sharing their wisdom, we've curated an array of multidisciplinary panels. These panels will explore the pivotal role of echocardiography in surgical decision-making, alongside deep-dive sessions that enhance skills in advanced image acquisition and post-processing. We've also arranged heart dissection workshops to enrich your understanding of echo-anatomic correlations, particularly in transcatheter and surgical interventions.

Most of these sessions will be recorded, allowing you to revisit the material post-conference at your convenience. Additionally, for those who prefer remote participation, we will be broadcasting the events live in a virtual format.

As part of your registration, you gain exclusive access to our on-demand Echo Core Series. This series comprises lectures that delve into the essential echocardiographic principles, covering topics from physics to complex procedural overviews, including valvular disease and mechanical circulatory support.

This conference is more than just an educational experience; it's an opportunity to join fellow enthusiasts in the field of echocardiography. Whether you're forging new professional relationships or rekindling old ones, we look forward to the camaraderie and collaboration that await us all.

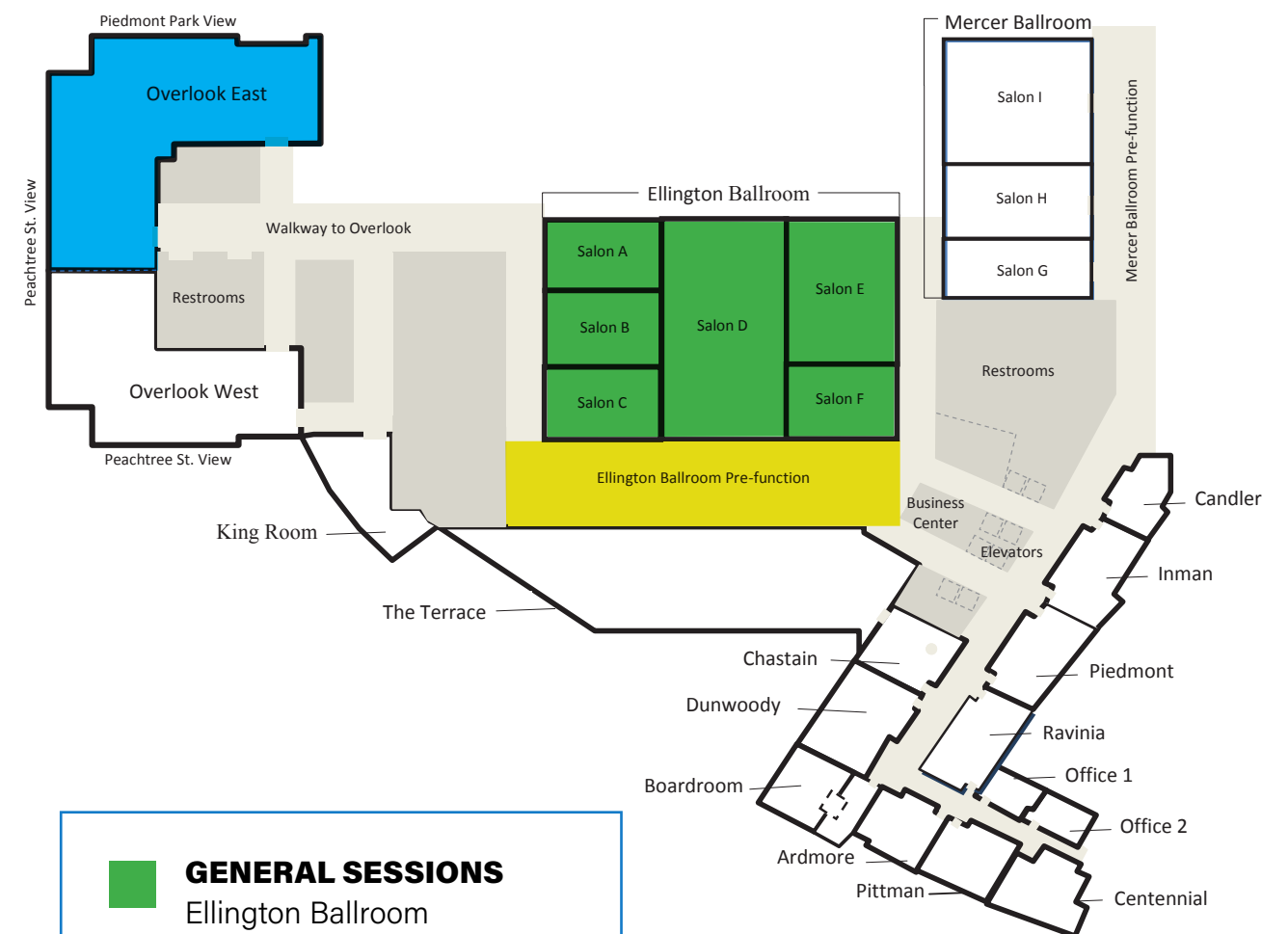
Enjoy the conference!

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Alina Nicoara, MD, FASE

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Charles Nyman, MBBCh

Vice-Chair
Kimberly Howard-Quijano, MD

MEETING SPACE



- **GENERAL SESSIONS**
Ellington Ballroom

- **REGISTRATION, EXHIBITS & COCKTAIL HOUR**
Ellington Pre-Function

- **MEALS**
Overlook East

LOEWS
HOTELS

FACULTY

Kiran Belani, MD, FASE, FACC
Northwestern Memorial Hospital

Himani V. Bhatt, DO, MPA, FASE
Icahn School of Medicine at Mount Sinai

Mary Beth Brady, MD, FASE
Johns Hopkins University School of Medicine

Nelson H. Burbano, MD
Cleveland Clinic Foundation

Abimbola Faloye, MD, FASE, FASA
Emory University

Jared W. Feinman, MD, FASE
Hospital of the University of Pennsylvania

T. Robert Feng, MD, FASE
Stanford University Medical Center

Enrique Garcia-Sayan, MD, FACC, FASE
Baylor College of Medicine

Kimberly Howard-Quijano, MD, MS, FASE
UPitt/UPMC

Emily J. Mackay, DO, MS, FASE
University of Pennsylvania

Feroze Mahmood, MD, FASE
Beth Israel Deaconess Medical Center

Moody Makar, MD
Cedars Sinai Medical Center

Sharon McCartney, MD
Duke University

Samhati Mondal, MD
University of Maryland School of Medicine

Ingrid Moreno-Duarte, MD
UT Southwestern/Childrens Dallas Medical Center

Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE
Sunnybrook Health Science Centre

Michele Giovanni Mondino, MD
Niguarda Ca' Granda Milano

Alina Nicoara, MD, FASE
Duke University

Charles B. Nyman, MBBCh
Brigham and Women's Hospital

Fabio de Vasconcelos Papa, MD, MScCH, FASE
St. Michael's Hospital - University of Toronto

Angela Pollak, MD
Duke University

Ellen Richter, MD, FASE
Emory University Hospital

Ashraf Sabe, MD
Brigham and Women's Hospital

Lucy Safi, DO, FACC, FASE, FSCAI
Hackensack University Medical Center

Muhamed Saric, MD, PhD
New York University Langone Health

Aidan Sharkey, MD
Beth Israel Deaconess Medical Center

Stanton K. Shernan, MD, FAHA, FASE
Brigham and Women's Hospital

Douglas C. Shook, MD, FASE
Brigham and Women's Hospital

Jordan B. Strom, MD, MSc
Beth Israel Deaconess Medical Center

Bradley S. Taylor, MD, MPH
University of Maryland Medical Center

Mark A. Taylor, MD, FASE
Enterprise Surgical Operations, Cleveland Clinic

Annette Vegas, MD, FRCPC, FASE
Toronto General Hospital

COMMITTEE

2025 Program Planning Committee

CO-CHAIRS

Alina Nicoara, MD, FASE
Charles B. Nyman, MBBCh

VICE-CHAIR

Kimberly Howard-Quijano, MD, MS, FASE

BOARD LIAISON

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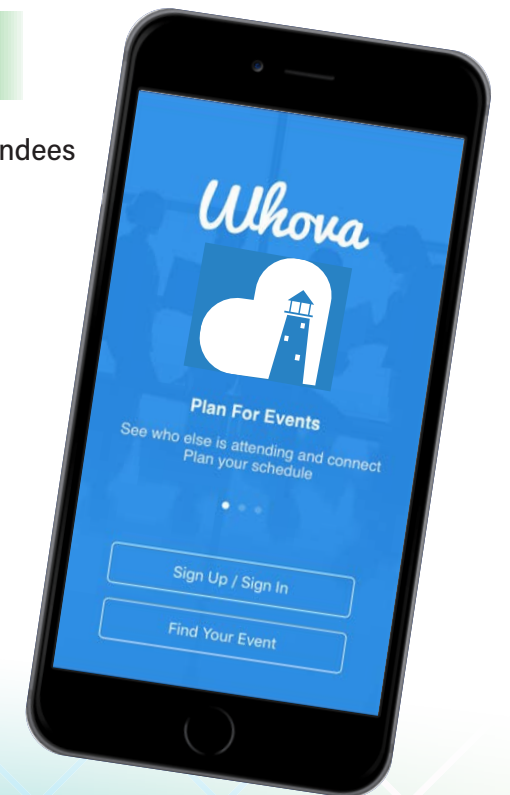
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Questions?

Please contact Patrick Kelly at patrick@veritasamc.com.

AGENDA

THURSDAY, FEBRUARY 20, 2025

10:00 am – 6:30 pm	Registration/Information Desk Open
1:00 pm – 2:30 pm	Congenital Heart Symposium <i>Moderators: Kimberly Howard-Quijano, MD, MS and Charles Nyman, MBBCh</i>
1:00 pm – 1:25 pm	Holes: ASD/VSD and Assessment and Quantification <i>Ingrid Moreno-Duarte, MD</i>
1:25 pm – 1:50 pm	Valves: Common Congenital Valve Lesion <i>Annette Vegas, MD, FASE, FRCPC</i>
1:50 pm – 2:15 pm	Ventricle: Imaging of the Single Ventricle <i>Nelson Burbano-Vera, MD</i>
2:15 pm – 2:30 pm	Q&A
2:45 pm – 4:15 pm	3D Symposium <i>Moderators: Charles Nyman, MBBCh and Aidan Sharkey, MD</i>
2:45 pm – 3:00 pm	3D Assessment of the Mitral Valve <i>Stanton Shernan, MD, FAHA, FASE</i>
3:00 pm – 3:15 pm	3D Assessment of the Tricuspid Valve <i>Aidan Sharkey, MD</i>
3:15 pm – 3:30 pm	3D Assessment of the Aortic Valve <i>Jared Feinman, MD</i>
3:30 pm – 4:00 pm	Case-based Presentations - Clinical Application of 3D imaging <i>Abimbola Faloye, MD, FASE, FASA</i>
4:00 pm – 4:15 pm	Q&A
4:30 pm – 6:00 pm	3D Image Acquisition and Optimization – Learning from the Experts <i>Instructors: Charles Nyman, MBBCh, Aidan Sharkey, MD, and Nelson Burbano-Vera, MD</i> <i>Proctors: Alina Nicoara, MD, FASE and Ingrid Moreno-Duarte, MD</i>


All General Sessions in Ellington Ballroom • All times in Eastern Standard Time

SAVE the DATE

Echo Board
Review Course

May 31 - June 1
2025

Virtual



AGENDA

FRIDAY, FEBRUARY 21, 2025

7:30 am – 9:30 am In Person Only	3D Post Processing – Learning from the Experts <i>Instructors: Charles Nyman, MBBCh, Aidan Sharkey, MD and Stanton Shernan, MD, FAHA, FASE</i> <i>Proctors: Kimberly Howard-Quijano, MD, MS and Alina Nicoara, MD, FASE</i>
9:30 am – 9:45 am	Break
9:45 am – 11:20 am	Decision Making in Aortic Valve Surgery <i>Moderator: Angela Pollak, MD and Alina Nicoara, MD, FASE</i>
9:45 am – 10:00 am	Echo Anatomy of the Aortic Root and Aortopathy <i>Jared Feinman, MD</i>
10:00 am – 10:20 am	The Role of Echo in Aortic Valve Repair <i>Emily Mackay, DO, MS</i>
10:20 am – 10:40 am	High Gradients: It's Not Always the Aortic Valve <i>Charles Nyman, MBBCh</i>
10:40 am – 11:00 am	My Approach to Evaluating Aortic Prosthetic Valves <i>Angela Pollak, MD</i>
11:00 am – 11:20 am	Q&A
11:20 am – 11:35 am	Break
11:35 am – 1:10 pm	Decision Making in Mitral Valve (MV) <i>Moderators: Kimberly Howard-Quijano, MD, MS and Douglas Shook, MD, FASE</i>
11:35 am – 11:55 am	The Spectrum of Degenerative MV Disease: Impact on Repairability <i>Douglas Shook, MD, FASE</i>
11:55 am – 12:15 pm	Mitral Valve Surgery: The Surgeon's View <i>Ashraf Sabe, MD</i>
12:15 pm – 12:35 pm	Echodynamics: Evaluating Pulmonary Circulation in Left Heart Disease <i>Alina Nicoara, MD, FASE</i>
12:35 pm – 12:50 pm	Evaluating the Risk of SAM: It's Not Only the C-sept Distance <i>Stanton Shernan, MD, FAHA, FASE</i>
12:50 pm – 1:10 pm	Q&A
1:10 pm – 2:10 pm	Lunch
2:10 pm – 4:10 pm	Clinical Dilemmas – Now What? <i>Moderators: Michele Giovanni Mondino, MD and Charles Nyman, MBBCh</i> <i>Panelists: Enrique Garcia-Sayan, MD, FACC, FASE and Ashraf Sabe, MD</i>
2:10 pm – 2:40 pm	Clinical Dilemmas – Secondary MR: Repair/Replace/Clip <i>Kimberly Howard-Quijano, MD, MS</i>
2:40 pm – 3:10 pm	Clinical Dilemmas – Primary MR: Repair/Replace/Clip <i>Michele Giovanni Mondino, MD</i>
3:10 pm – 3:40 pm	Clinical Dilemmas – Buy One, Get Two? <i>Jacobo Moreno Garijo, MD, PhD, EDAIC, FASE</i>
3:40 pm – 4:10 pm	Clinical Dilemmas – What Are My Options in the Nonoperative Patient? <i>Fabio de V. Papa, MD, FASE</i>
4:30 pm – 6:00 pm	Congenital Panel: Case-based Discussions <i>Moderator: Kimberly Howard-Quijano, MD, MS</i> <i>Panelists: Nelson Burbano-Vera, MD, Ingrid Moreno-Duarte, MD, and Annette Vegas, MD, FASE, FRCPC</i>
6:45 pm – 9:00 pm	Faculty Dinner

AGENDA

SATURDAY, FEBRUARY 22, 2025

6:45 am – 7:20 am	Breakfast
7:20 am – 8:50 am In Person Only	Echo Anatomy for the Mitral Valve: Heart Dissection Moderator: Alina Nicoara, MD, FASE Instructors: Ashraf Sabe, MD, Douglas Shook, MD, FASE and Bradley Taylor, MD, MPH
8:50 am – 9:00 am	Break
9:00 am – 10:40 am	Guidelines and Beyond Moderators: Alina Nicoara, MD, FASE and Mark Taylor, MD, FASE
9:00 am – 9:15 am	2024 ASE Evaluation of Prosthetic Valve Function: Bringing Assessment into Clinical Practice <i>Angela Pollak, MD</i>
9:15 am – 9:30 am	2023 ASE Guidelines for Interventional Echocardiography: How Does This Affect Me? <i>Moody Makar, MD</i>
9:30 am – 9:45 am	2023 IAC Standards and Guidelines for Perioperative TEE Accreditation: CON <i>Feroze Mahmood, MD, FASE</i>
9:45 am – 10:00 am	2023 IAC Standards and Guidelines for Perioperative TEE Accreditation: PRO <i>Ellen Richter, MD</i>
10:00 am – 10:05 am	Rebuttal <i>Feroze Mahmood, MD, FASE</i>
10:05 am – 10:10 am	Rebuttal <i>Ellen Richter, MD</i>
10:10 am – 10:20 am	Q&A
10:20 am – 10:40 am	Artificial Intelligence and Echocardiography: Friend or Foe <i>Jordan Strom, MD</i>
10:40 am – 10:45 am	Break
10:45 am – 12:15 pm	Decision Making Tricuspid Valve Surgery Moderator: Kimberly Howard-Quijano, MD, MS and Aidan Sharkey, MD
10:45 am – 11:00 am	Tricuspid Valve: Understanding a Complex and Dynamic Structure <i>Aidan Sharkey, MD</i>
11:00 am – 11:15 am	TR Quantification: Science or Voodoo? <i>Feroze Mahmood, MD, FASE</i>
11:15 am – 11:30 am	Percutaneous Tricuspid Valve Interventions: Proficiency with MPR Required <i>Enrique Garcia-Sayan, MD, FACC, FASE</i>
11:30 am – 12:00 pm	Clinical Decision Making in Evaluating TR: Case-based Examples <i>Fabio de V. Papa, MD, FASE</i>
12:00 pm – 12:15 pm	Q&A
12:15 pm – 12:45 pm	Gather Lunch
12:45 pm – 1:45 pm	Arthur E. Weyman Lecture with Lunch <i>Muhammed Saric, MD, PhD</i> Supported by National Board of Echocardiography Moderators: Alina Nicoara, MD, FASE; Charles Nyman, MD; and Kimberly Howard-Quijano, MD
1:30 pm – 1:45 pm	Q&A

All General Sessions in Ellington Ballroom • All times in Eastern Standard Time

AGENDA

1:45 pm – 2:00 pm	Awards
2:00 pm – 3:40 pm	Structural Heart Disease Moderators: Kiran Belani, MD and Charles Nyman, MBBCh
2:00 pm – 2:10 pm	Targeted Transeptal Puncture: Leveraging MPR <i>Charles Nyman, MBBCh</i>
2:10 pm – 2:30 pm	Percutaneous Mitral Valve Procedures: Improving Accuracy with MPR <i>Kiran Belani, MD</i>
2:30 pm – 2:50 pm	The Alphabet Soup in Structural Heart Disease – LAMPOON, BASILICA, BATMAN, SESAME <i>Lucy Safi, DO, FACC, FASE, FSCAI</i>
2:50 pm – 3:20 pm	Percutaneous Disasters: Learn from My Mistakes <i>Moody Makar, MD</i>
3:20 pm – 3:40 pm	Q&A
3:55 pm – 6:00 pm	Clinical Dilemmas: Should We Re-intervene? Moderators: Kimberly Howard-Quijano, MD, MS and Alina Nicoara, MD, FASE Panelists: Feroze Mahmood, MD, FASE, Ashraf Sabe, MD and Bradley Taylor, MD, MPH
3:55 pm – 4:25 pm	New Findings After Mitral Valve Surgery <i>Sharon McCartney, MD</i>
4:25 pm – 4:55 pm	New Right-Sided Pathology <i>Emily J. Mackay, DO, MS, FASE</i>
4:55 pm – 5:25 pm	New Findings After Aortic Valve Surgery <i>Mary Beth Brady, MD, FASE</i>
5:25 pm – 5:55 pm	There is Something Wrong with My New Valve <i>T. Robert Feng, MD, FASE</i>
5:55 pm – 6:00 pm	Q&A
6:00 pm – 7:00 pm	Cocktail Hour
7:00 pm – 8:00 pm	Program Committee Meeting

LEARNING FROM THE EXPERTS SESSIONS

- ECHO ANATOMY FOR SURGICAL DECISION MAKING**
 Learn from the experts with live pig heart dissection and echocardiographic correlates. The dissection will have a specific focus on anatomical relationships, improved accuracy of TEE imaging and the impact for surgical decision making.
- 3D IMAGE ACQUISITION AND OPTIMIZATION**
 Learn from the expert faculty the sequence of their 3D examination, with display of on-platform knobology of the major vendors in 3D echo.
- 3D POST PROCESSING**
 Learn from the expert faculty their approach to multiplanar reconstruction and modeling, with display of on-platform knobology of the major vendors in 3D echo.
- ECHO ANATOMY FOR STRUCTURAL HEART DECISION MAKING**
 Learn from the experts with live pig heart dissection and echocardiographic correlates. The dissection will have a specific focus on anatomical relationships, improved accuracy of TEE imaging and the impact for structural heart decision making.



SUNDAY, FEBRUARY 23, 2025

6:45 am – 7:20 am	Breakfast
7:20 am – 8:50 am In Person Only	Echo Anatomy for the Aortic and Tricuspid Valves Moderator: Alina Nicoara, MD, FASE Instructors: Ashraf Sabe, MD, Douglas Shook, MD, FASE and Bradley Taylor, MD, MPH
9:00 am – 10:30 am	MCS and Transplant Moderators: T. Robert Feng, MD and Aidan Sharkey, MD
9:00 am – 9:15 am	Echo Driven Decision Making for Left Ventricular Assist Device Implantation Samhati Mondal, MD
9:15 am – 9:30 am	Echo Guidance for Temporary MCS Placement and Weaning Sharon McCartney, MD
9:30 am – 9:45 am	ECMO 101 - Making Sense of the Alphabet Soup T. Robert Feng, MD
9:45 am – 10:00 am	Imaging for Lung Transplantation Ellen Richter, MD
10:00 am – 10:15 am	Imaging for Heart Transplantation Abimbola Faloye, MD, FASE, FASA
10:15 am – 10:30 am	Q&A
10:30 am – 10:45 am	Break
10:45 am – 12:40 pm	Clinical Dilemmas: Echo to the Rescue Moderators: Charles Nyman, MBBCh and Mark Taylor, MD, FASE Panelists: Lucy Safi, DO, FACC, FASE, FSCAI and Bradley Taylor, MD, MPH
10:45 am – 11:05 am	Clinical Dilemmas: Myocardial Strain Imaging for Advanced Clinical Decision Making Kimberly Howard-Quijano, MD, MS
11:00 am – 11:25 am	Clinical Dilemmas: Adult Congenital Heart Disease Kiran Belani, MD
11:25 am – 11:45 am	Clinical Dilemmas: Data Discordance Preop Versus Intraop Alina Nicoara, MD, FASE
11:45 am – 12:05 pm	Clinical Dilemmas: Imaging Around Artifacts Himani Bhatt, MD
12:05 pm – 12:20 pm	Q&A
12:20 pm – 12:30 pm	Wrap-Up
12:30 pm	Program Ends

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Thank You
INDUSTRY PARTNERS

EXHIBITORS

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SCA ECHO 2026

February 26 - March 1

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Save the Date