



SOCIETY OF
CARDIOVASCULAR
ANESTHESIOLOGISTS
Knowledge • Care • Investigation

SCA 2023

Annual Meeting & Workshops

May 6 - 9, 2023

Oregon Convention Center
Portland, Oregon

#SCA2023

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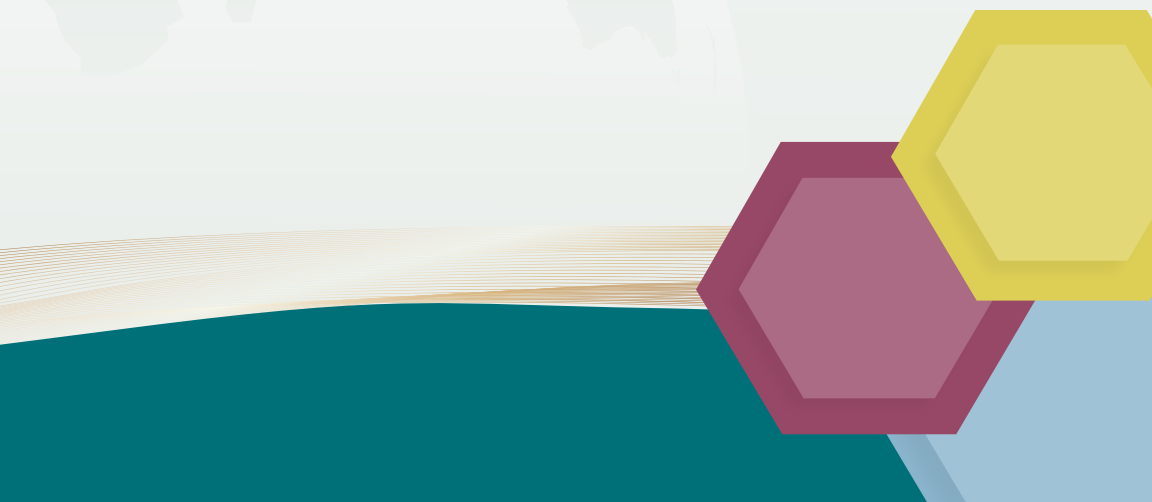
SOCIETY OF
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SCA 2023 ANNUAL MEETING & WORKSHOPS

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Dear Colleagues,

Welcome to Portland and thank you for attending SCA's Annual Meeting & Workshops! We're confident that this meeting will provide countless opportunities to enhance your knowledge and celebrate our specialty with your peers. The educational programming is full of research, recent advancements, and innovative content designed to explore contemporary care and examine the best pathways to advance care for the future.

This year's conference features the return of the SCA Gala! This event helps to raise funds to support the important research activities funded by the Society. The Gala will also provide opportunity to celebrate the History of the Society and many of the leaders who helped to form and grow our organization. The Scientific Program Planning Committee has created a program that will stimulate ideas, questions, discussion, and friendly debate. The conference features speakers who are anesthesiologists, surgeons, cardiologists, perfusionists, research scientists, and more; content-rich workshops that focus on skill building; daily Problem-Based Learning Discussions for small-group interaction; and over 450 scientific abstracts and challenging case presentations. We hope that you will take advantage of every opportunity to expand your knowledge by attending a variety of sessions and networking with the field's leading professionals. We look forward to seeing you and hope you enjoy your time in Portland!

Best wishes,



Andrew D. Shaw, MB, FRCA, FRCPC, FFICM
President
2021-2023

ANNUAL MEETING & WORKSHOPS

Dear Colleagues,

Thank you for joining us for the SCA Annual Meeting in

Portland! We are confident that this meeting will provide countless opportunities to enhance your knowledge and celebrate our specialty with peers. The educational program is full of research updates, state-of-the-art clinical advancements, and innovative content designed to explore contemporary care and examine pathways to promote patient care now and in the future.



The Scientific Program Planning Committee has created a program that will stimulate ideas, questions, discussion, and friendly debate. Highlights include multidisciplinary panels including cardiologists, cardiac surgeons, perfusionists, lawyers, research scientists, and of course anesthesiologists. Workshops and Problem-Based Learning Discussions offer hands-on opportunity and small-group interaction with experts. From a multidisciplinary session on contemporary approaches to Heart Failure, to an international panel on cardiopulmonary bypass management, to a never-before-seen collection of past SCA presidents sharing stories of the 45-year history of our society, each session is designed with you in mind. Please enjoy your chance to query the experts, review the cutting-edge research, share stories with old colleagues and make connections with new ones. Additionally, you won't want to miss the Living Legends Happy Hour to be followed by the SCA GALA on Saturday evening!

From the SCA leadership team and the entire SCA Scientific Program Committee, please know we are honored you have joined us, and we welcome you to an exciting meeting.

Sincerely,

A handwritten signature in black ink that reads "Mary Beth Brady, M.D." The signature is fluid and cursive.

Mary Beth Brady, MD, FASE
Chair, Scientific Program Committee
2023 - 2024

SCHEDULE AT A GLANCE

SATURDAY, MAY 6, 2023

6:45 AM - 8:00 AM	Breakfast
6:45 AM - 8:00 AM	TAS PBLDS - A109, B110, B111, B112, B117, B118, B119
8:00 AM - 10:00 AM	Plenary Session: Refresher Course Lectures Meeting Room - Oregon Ballroom 203-204
9:00 AM - 12:00 PM	POCUS Workshop One - C123-C124
9:00 AM - 12:00 PM	ECMO Workshop - C125 - C126
10:00 AM - 10:30 AM	Coffee Break
10:00 AM - 11:00 AM	Fellow and Resident Posters - 1 Exhibit Hall A1
10:30 AM - 12:00 PM	Guidelines that Affect Your Everyday Life: Summarized by the Experts - Oregon Ballroom 203-204
10:00 AM - 12:00 PM	SOCCA SESSION Postoperative Sedation 2.0 – Trust the Science! - B113-B116
11:00 AM - 12:00 PM	Fellow and Resident Posters - 2 Exhibit Hall A1
12:00 PM - 12:30 PM	Lunch on Own
12:00 PM - 12:30 PM	Non-CME Corporate Sponsored Symposium Oregon Ballroom 202 and additional lunch in Oregon Ballroom 201
1:00 PM - 2:30 PM	Heart Failure – Contemporary Approaches to Diagnosis and Treatment - Oregon Ballroom 203-204
1:00 PM - 2:30 PM	SCA/STS 2023 Session – Better together – The Benefit of Bundles - B113-B116
1:00 PM - 2:30 PM	Diversity, Equity, and Inclusion: Beyond Academics, What Every Anesthesiologist Should Know A105-A106
1:00 PM - 2:00 PM	Fellow and Resident Program - A Career in Cardiothoracic Anesthesiology Mission Possible B112
2:00 PM - 3:30 PM	Fellow and Resident Program - PBLD - B112
2:30 PM - 5:30 PM	Regional Workshop: Integrating Regional Anesthesia into a Cardiac Anesthesiology Practice C120-C122
2:30 PM - 5:30 PM	Advanced TEE Workshop: Advanced Echo Modalities for Practical Use C125-C126
3:00 PM - 4:30 PM	Controversies and Dogma in Patient Blood Management for Cardiac Surgical Patients Oregon Ballroom 203-204
3:00 PM - 4:30 PM	Medical Error Occurred: What Does It Mean for Your License, Hospital Privileges and Your Future? - B113-B116
4:00 PM - 5:00 PM	Fellow Complex Cases A105-A106
5:00 PM - 6:00 PM	Fellow and Resident Posters - 3 Exhibit Hall A1
4:30 PM - 7:00 PM	Living Legends Welcome Reception - Exhibit Hall
7:00 PM - 10:00 PM	Gala Event - Oregon Ballroom 201



SUNDAY, MAY 7, 2023

6:45 AM - 8:00 AM	Sunday PBLDs (7-14) - A109, B110, B111, B112, B117, B118, B119
7:00 AM - 8:00 AM	Breakfast with Exhibitors - Exhibit Hall A
7:00 AM - 8:00 AM	Non-CME Corporate Sponsored Symposium - Oregon Ballroom 202
8:00 AM - 9:00 AM	Earl Wynands - Ballroom 203-204
9:00 AM - 10:30 AM	Celebrating 45 years of SCA! Past, Present and (You Are!) the Future - Oregon Ballroom 203-204
9:30 AM - 12:30 PM	3D TEE Workshop - C123-C124
10:30 AM - 11:00 AM	Coffee Break with Exhibitors
11:00 AM - 12:30 PM	Perioperative Nightmares: Things That Scare EVEN Cardiac Anesthesiologists! Oregon Ballroom 203-204
11:00 AM - 12:30 PM	Leadership: Principles, Practices and Practical Tools - B113-B116
11:00 AM - 12:30 PM	Aortic Dissection Masterclass - A105-A106
11:30 AM - 2:30 PM	Fellow / Resident Review - Keys to Success—A Crash Course of Critical Cardiac Anesthesiology Concepts Oregon Ballroom 201
12:00 PM - 12:30 PM	Lunch Break with Exhibitors - Exhibit Hall A
12:30 PM - 1:30 PM	Non-CME Corporate Sponsored Symposium - Oregon Ballroom 202
12:30 PM - 1:30 PM	Scientific Poster Session 1 - Exhibit Hall A1
1:30 PM - 3:00 PM	Change in the Financial Landscape – How Recent Changes in the Laws Affect Your Bottom Line Oregon Ballroom 203-204
1:30 PM - 3:00 PM	I Need Cardiac Anesthesia for This Case”: The Legal and Logistical Challenges of This Universal Request - B113-B116
1:30 PM - 3:00 PM	Hot Topics and Controversies in Adult Congenital Heart Disease - A105-A106
2:30 PM - 5:30 PM	Professional Development Workshop: Achieving Success in Cardiac Anesthesia: Skill-Building Workshop for Professional Development and Career Advancement, and Leadership Holladay Suite With 4 Breakout Rooms
3:00 PM - 5:30 PM	Best of Meeting Oral Abstracts 1 and Early Career Investigator Awards - A105-A106
3:00 PM - 3:30 PM	Coffee Break with Exhibitors
3:30 PM - 5:30 PM	Mitral Valve Symposium – Diagnosis to Decision: A Comprehensive Review of the Mitral Valve from Diagnosis to Decision - Oregon Ballroom 203-204
3:30 PM - 5:30 PM	A Little Help from Our Temporary MCS Friends: A Clinical Management Update - B113-B116
5:30 PM - 6:30 PM	Mentor/Mentee Session - Oregon Ballroom 202

- Abstracts
Fellow/Resident Program
- Workshops
Plenary Sessions
- General Sessions

SCHEDULE AT A GLANCE

MONDAY, MAY 8, 2023

6:45 AM - 8:00 AM	Monday PBLDs (15-22) - A109, B110, B111, B112, B117, B118, B119
7:00 AM - 8:00 AM	Breakfast with Exhibitors - Exhibit Hall A
8:00 AM - 10:00 AM	Coronary Artery Disease: A Multidisciplinary Approach to an Age-Old Problem Meeting Oregon Ballroom 203-204
8:00 AM - 11:00 AM	POCUS Workshop Two - C123 - C124
10:00 AM - 10:30 AM	Coffee Break with Exhibitors - Exhibit Hall A
10:30 AM - 11:00 AM	ASA Update - Oregon Ballroom 203-204
11:00 AM - 12:00 PM	Keynote: Attaining Health Equity; the Next Challenge Ballroom - 203-204
12:00 PM - 12:30 PM	Business Meeting & Awards - Oregon Ballroom 203-204
12:30 PM - 1:30 PM	Lunch Break with Exhibitors - Exhibit Hall A
12:30 PM - 1:30 PM	Scientific Poster Session 2 - Exhibit Hall A1
12:30 PM - 1:30 PM	Non-CME Corporate Sponsored Symposium - Oregon Ballroom 202
1:30 PM - 3:00 PM	EACTAIC Session – Update on Cardiopulmonary Bypass Management - Oregon Ballroom 203-204
1:30 PM - 3:00 PM	Beginner Course in Structural Heart Echocardiography – Learn Today, Use Tomorrow! B113-B116
1:30 PM - 3:00 PM	Movin’ Right Along: ERAS for Cardiac Surgical Cases - A105-A106
3:00 PM - 3:30 PM	Coffee Break
3:30 PM - 5:00 PM	Super Echo - Oregon Ballroom 203-204
3:30 PM - 5:00 PM	Abdominal and Thoracic Organ Transplantation: Things To Consider, Know or Ignore B113-B116
3:30 PM - 5:00 PM	2023 TAS Session: What’s New in Thoracic Anesthesia in 23? - A105-A106
3:30 PM - 5:30 PM	Best of Meeting Oral Abstracts 2 - Oregon Ballroom 202



TUESDAY, MAY 9, 2023

6:45 AM - 8:00 AM	Tuesday PBLDs (23-29) - A109, B110, B111, B112, B117, B118, B1
7:00 AM - 8:00 AM	Breakfast
8:00 AM - 10:00 AM	Perioperative Echocardiography – Things You Should Do Every Day but Don’t Know How <i>Oregon Ballroom 203-204</i>
10:00 AM - 10:30 AM	Coffee Break
10:30 AM - 12:00 PM	Managing Right Heart Failure-From Volume to Mechanical Support - <i>Oregon Ballroom 203-204</i>
10:30 AM - 12:00 PM	The Future Directions of Research in Cardiac Anesthesia - B113-B116
10:30 AM - 12:00 PM	Pushing Boundaries in Cardiac Surgery and Critical Care - Is There a Limit? - A105-A106
12:00 PM - 1:00 PM	Lunch Break with Exhibitors - <i>Exhibit Hall A</i>
12:30 PM - 1:30 PM	Scientific Poster Session 3 - <i>Exhibit Hall A1</i>
12:30 PM - 1:30 PM	Non-CME Corporate Sponsored Symposium - <i>Oregon Ballroom 202</i>
1:00 PM - 2:00 PM	OR to ICU: Things To Do (and Not To Do) in the OR To Set Up for Success in the ICU <i>Oregon Ballroom 203-204</i>
1:00 PM - 2:00 PM	Complex Cardiac Disease in Pregnancy - B113-B116
1:00 PM - 2:00 PM	Balancing on a Tight Rope: Practical Considerations for Patient Safety and Physician Performance - A105-A106
2:00 PM - 3:30 PM	Remember the Valves of the Right Side: An Update on Tricuspid and Pulmonic Valves <i>Oregon Ballroom 203-204</i>
2:00 PM - 3:30 PM	Electrophysiology: What To Do, What To Know, What To Avoid - B113-B116
3:30 PM - 4:00 PM	Coffee Break with Exhibitors
4:00 PM - 5:30 PM	Coagulation Conundrums in Cardiac Surgery Patients – Challenging Cases Simplified by Experts - <i>Oregon Ballroom 203-204</i>
4:00 PM - 5:30 PM	The Vulnerable Aging Brain: Optimizing Perioperative Outcomes - B113-B116

- Abstracts

Fellow/Resident Program
- Workshops

Plenary Sessions
- General Sessions

GENERAL INFORMATION

CME Information

Attendees can review general continuing medical education (CME) information for the meeting, including learning objectives and faculty financial disclosures, by visiting www.scahq.org/AnnualMeeting.

Accreditation Statement

The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Designation Statement

The Society of Cardiovascular Anesthesiologists designates this live activity for a maximum of 36.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

How to Claim Your CME

To claim CME credit, visit www.scahq.org/evaluations to complete your 2023 Annual Meeting evaluations. You must complete the evaluations by August 31, 2023, to claim credit. The deadline will not be extended.

Earn MOCA® Credit

The CME credits you earn at the Annual Meeting can help fulfill your ABA Maintenance of Certification in Anesthesiology™ Part II credit requirement. Now, you also can earn Patient Safety credits for select sessions. Part II Patient Safety sessions are identified by the MOCA icon in the schedule.

Please note: To qualify for MOCA credit, you must attend the full session and complete a session evaluation. SCA reports Society members' Part II credits directly to ABA as a member benefit.

Maintenance of Certification in Anesthesiology™ program and MOCA™ are registered trademarks of the American Board of Anesthesiology™. This activity offers up to 36.25 CME credits, of which 11 credits contribute the patient safety CME component of the American Board of Anesthesiology's redesigned Maintenance of Certification in Anesthesiology™ (MOCA™) program, known as MOCA 2.0™. Please consult the ABA website, www.theABA.org, for a list of all MOCA 2.0™ requirements.

MEDIA USE

Photography

Please be advised that throughout the meetings, photos may be taken for use in SCA marketing materials, including the e-newsletter and SCA Facebook and Twitter pages. If you do not consent to be photographed, please advise SCA management in writing at info@scahq.org.

Video Recording

By attending the SCA event or entering the event premises, you agree not to record or digitize any parts of the presentations.

NETWORKING WITH OUR EXHIBITORS

Annual Meeting exhibits will be in Exhibit Hall A during the following hours:

Saturday, May 6	4:30 PM - 7:00 PM (Living Legends Welcome Reception)
Sunday, May 7	7:00 AM - 3:30 PM
Monday, May 8	7:00 AM - 1:30 PM

All attendees are invited to join our exhibitors and sponsors at the **Living Legends Welcome Reception on Saturday evening from 4:30 PM - 7:00 PM in the exhibit hall.** Light refreshments will be offered. Attendees will have the opportunity to network with colleagues and industry partners.

The **Living Legends Welcome Reception** is also hosted in the exhibit hall with exhibitors **4:30 PM - 7:00 PM (before the SCA Gala 7:00 PM - 10:00 PM).**

Speaker Ready Room and hours:

Friday, May 5	6:30 AM - 6:30 PM
Saturday, May 6	6:30 AM - 6:00 PM
Sunday, May 7	6:30 AM - 6:30 PM
Monday, May 8	6:30 AM - 6:00 PM
Tuesday, May 9	6:30 AM - 4:00 PM

OFFICIAL MEETING EVENT APP

Download Whova for the Annual Meeting

- Access the event agenda
- Explore the professional profiles of event speakers and attendees
- Send in-app messages and exchange contact info
- Network and find attendees with common affiliations, educations, shared networks, and social profiles
- Receive update notifications from organizers
- Evaluate speakers in real-time (at the end of each session)



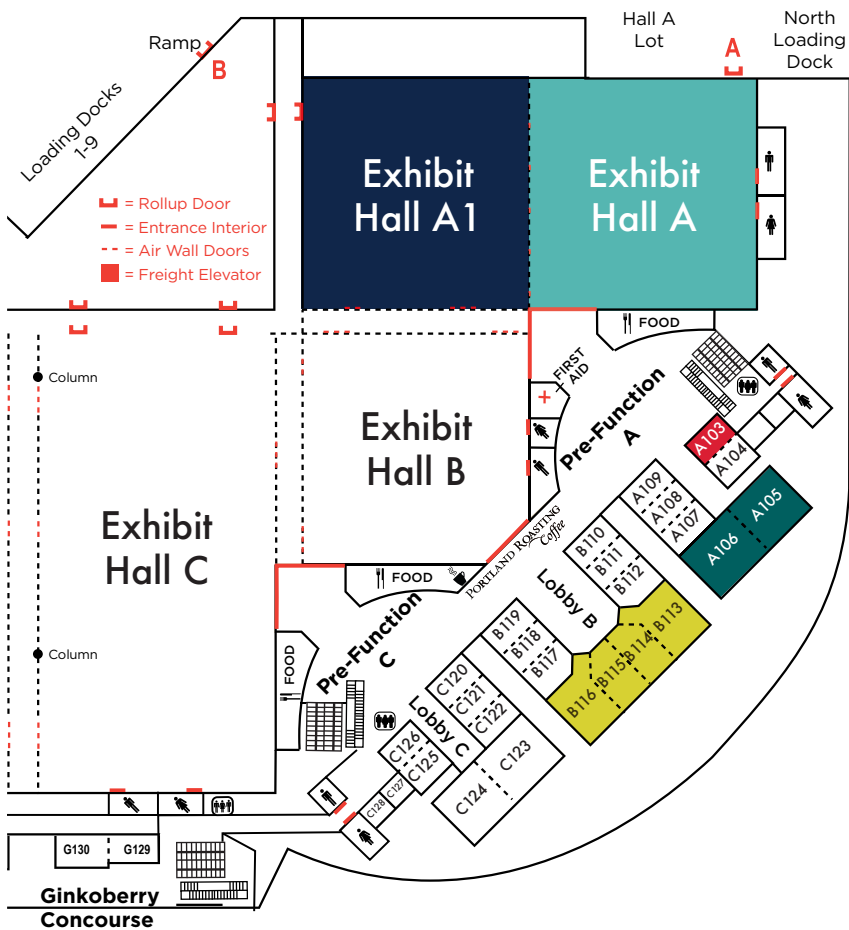
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CONVENTION CENTER FLOOR PLAN

Oregon Convention Center LEVEL 1

- Poster Sessions [Exhibit Hall A1](#)
- Welcome Reception/Living Legends Reception [Exhibit Hall A](#)
- Speaker Ready Room [A103](#)
- Track Two [B113-B116](#)
- Track Three [A105-A106](#)



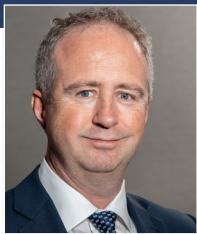
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Oregon Convention Center LEVEL 2

- General Sessions - Track One [Oregon Ballroom 203-204](#)
- Gala / Lunch Sponsored by HemoSonics [Oregon Ballroom 201](#)
- Industry Sponsored Lunches / Mentor/Mentee Session & Reception [Oregon Ballroom 202](#)



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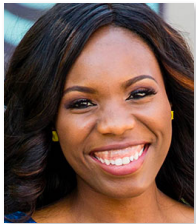
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MACC, FAHA, MACP, FHFSA,
FASPC (Hon.)**

Northwestern Medicine,
Feinberg School of Medicine
Chicago, IL

PREMIER LECTURES AND AWARDS



Earl Wynands Lecture

Sunday, May 7, 2023

8:00 AM - 9:00 AM

False Discoveries — How Research Design and Analysis Influences Anesthesia Knowledge

Moderator: Mary Beth Brady, MD, FASE

Philip Jones, MD, FRCPC is a Full Professor in the Department of Anesthesia and Perioperative Medicine and the Department of Epidemiology & Biostatistics at The University of Western Ontario. He is currently moving to the Department of Anesthesiology and Perioperative Medicine at the Mayo Clinic Florida. He is an active clinician and his practice is largely cardiac anesthesiology, echocardiography, and liver transplant anesthesiology. He is a trained researcher, having done a Master's of Science in Clinical Trials. He is the Deputy Editor-in-Chief at the Canadian Journal of Anesthesia and, in addition to clinical studies and studies involving administrative big data, he has a particular interest in meta-research investigating study methodology and study reporting. He is the Chair of the Canadian Anesthesiologists' Society Research Advisory Committee and he is the immediate past Chair of the Research Ethics Board at his university.



Keynote Lecture

Monday, May 8, 2023

11:00 AM - 12:00 PM

Attaining Health Equity - The Next Challenge

Moderator: Andrew Shaw, MB, FRCA, FFICM, FRCPC

Clyde W. Yancy, MD, MSc, MACC, FAHA, MACP, FHFSa, FASPC (Hon.) is Vice Dean, Diversity & Inclusion Magerstadt Professor of Medicine Professor of Medical Social Sciences Chief, Division of Cardiology Northwestern University, Feinberg School of Medicine & Associate Director, Bluhm Cardiovascular Institute Northwestern Memorial Hospital.



Kaplan Leadership Development Award

Sergey Karamnov, MD has been named the 2023 Kaplan Leadership Development Award recipient. Dr. Karamnov is a graduate of Russian State Medical University. He completed his fellowship at Harvard Medical School and his residency at Brigham and Women's Hospital. Dr. Karamnov is currently an assistant professor at Brigham and Women's Hospital, Harvard School of Medicine. The Kaplan Leadership Development Award is designed to assist cardiothoracic and vascular anesthesiologists in their career by granting funding to further their leadership development through coursework and leadership-specific studies.



Distinguished Service Award

Christopher A. Troianos, MD, FASE, FASA is Professor and Chair of the Anesthesiology Institute of the Cleveland Clinic and Lerner College of Medicine of Case Western Reserve University. Cleveland Clinic's Anesthesiology Institute (AI) unites all specialists in general anesthesia, cardiothoracic anesthesia and

intensive care & resuscitation, pediatric and congenital heart anesthesia, pain management, regional (community) practice, and outcomes research, with the AI's Centers for Obstetric Anesthesiology, Education, Perioperative Intelligence, and Care Affordability, within one fully integrated model of caring for life, researching for health, and educating those who serve our patients. He was recognized by the Cleveland Clinic for being an outstanding champion for women professional staff by receiving the Clinic's Women's Professional Staff Association's 2020 Champion Award.

Dr. Troianos has earned a national and international reputation as a cardiac anesthesiologist and echocardiographer. He has authored numerous peer-reviewed publications, three textbooks: "Anesthesia for the Cardiac Patient," "Perioperative Fluid Management, 2nd edition," and "Comprehensive Textbook of Perioperative and Critical Care Echocardiography, 3rd edition," and has been an invited speaker to over 240 national and international scientific educational conferences.

Dr. Troianos served as President of the Society of Cardiovascular Anesthesiologists (SCA), 2017-19. He led the SCA's efforts at establishing board certification in Cardiac Anesthesiology through the American Board of Anesthesiology, and which was accepted by the American Board of Medical Specialties in 2021. He also initiated the SCA's bi-annual salary survey when he served as Chair of the SCA's Economics Committee. He now serves as the President for the National Board of Echocardiography (2021-23), which develops certification examinations and recognizes physicians who fulfill the requirements for board certification in echocardiography. Dr. Troianos also served as the Chair of the American Society of Anesthesiologists (ASA's) Committee on Economics (2017-21), and currently serves as Chair for the ASA's Section on Professional Practice (2021-present).



Presidential Lifetime Outstanding Service Award

Stanton K. Shernan, MD, FAHA, FASE is currently the Benjamin G. Covino Professor of Anaesthesia at Harvard Medical School and has served as the Executive Vice Chair and Vice Chair of Finances in the Department of Anesthesiology, Perioperative and Pain Medicine at the Brigham and Women's

Hospital. He is also the Immediate Past President of the Society of Cardiovascular Anesthesiologists and the Past President of the National Board of Echocardiography. In addition, he has served as a member of the American Society of Echocardiography Board of Directors. Dr. Shernan has published over 250 original manuscripts, review articles and textbook chapters on the etiology and management of perioperative systemic inflammation, as well as myocardial ischemia and reperfusion injury in cardiac surgical patients, and the role of perioperative echocardiography in clinical and surgical decision-making. He has also been invited to lecture as a Visiting Professor or a speaker at numerous high-profile institutions and academic society annual meetings on a national and international level. Dr. Shernan is a Co-Editor of the textbooks entitled Comprehensive Three-Dimensional Echocardiography Atlas; Clinical Transesophageal Echocardiography: A Problem Oriented Approach, the Comprehensive Textbook of Intraoperative Transesophageal Echocardiography, as well as the web-based textbook at www.e-echocardiography.com. He is a Senior Editor for Anesthesia and Analgesia, a Senior Consulting Editor of the Journal of the American Society of Echocardiography and is a Consultant Reviewer for many other journals in the areas of anesthesiology, cardiac surgery, cardiology and echocardiography.

Schedule

6:30 AM – 6:00 PM
Registration Open
Exhibit Hall A Foyer

7:00 AM – 8:00 AM
Problem-Based Learning Discussions (PBLDs)
See page 43 for full schedule. Separate registration required.

7:00 AM – 8:00 AM
Continental Breakfast
Oregon Ballroom Foyer

8:00 AM – 10:00 AM
Plenary Session: Refresher Course Lectures
Moderator: Mary Beth Brady, MD, FASE
Managing Adult Congenital Heart Disease for Non-Cardiac Surgery: What to Avoid and How to Stay Out of Danger
Alexander Mitnacht, MD, FASE
Transplantation in the Cardiovascular OR: Past, Present, and Future
Sharon McCartney, MD, FASE
Pulmonary Hypertension: Old Disease, New Updates and What that Means to Everyday Care! To You! Jochen Steppan, MD, DESA, FAHA, FASA
Postoperative Afib: Prevent, Treat, Or Just Learn to Live with It!
Jochen Muehlschlegel, MD, MMSC, MBA, FAHA, FASA

9:00 AM – 12:00 PM
Morning Workshops
See page 40 for full schedule. Separate registration required.

10:00 AM – 10:30 AM
Coffee Break
Oregon Ballroom Foyer

10:00 AM – 12:00 PM
SOCCA Session: Postoperative Sedation 2.0 – Trust the Science!
Moderator: Shahzad Shaefi, MD, MPH
Is Dexmedetomidine the Elixir? Evidence for What Have We Learned
Christina Boncyk, MD, MPH
How Much is Too Much – Lessons from COVID and Evidence for Minimal Sedation Practices
Melissa Ann Vogelsong, MD
In the Era of ERACS, How Much ICU Sedation Evidence can be Practiced in Postoperative Cardiac Surgery
Ameeka Pannu, MD
The Future of Sedation Practices: Drugs, Delivery, and Individualization
Natalia Ivascu Girardi, MD





10:30 AM – 12:00 PM

Guidelines That Affect your Everyday Life: Summarized by the Experts

Moderator: Jochen Muehlschlegel, MD, MMSC, MBA, FAHA, FASA

Creation of Guidelines, Practice Advisories, and Expert Consensus –

Where do They Come from? How Are They Written? Why You Should Care!

Linda Shore-Lesserson, MD, FAHA, FASE and Miklos Kertai, MD, MMHC, PhD

ACC/AHA Management of Patients with Valvular Heart Disease: Take Home Messages *Anne Marie Thompson, MD*

ACC/AHA/SCAI Guideline for Coronary Artery Revascularization:

Revascularization in a Nutshell

Michael Conrod Grant, MD, MSE

ASE Guidelines for the Use of Transesophageal Echocardiography to Assist with Surgical Decision-Making in the Operating Room – Bottom Line Bullet Points

Annette Vegas, MD, FRCPC, FASE

The CPI Preoperative Anemia Management Project: Society Recommendations and Return on Investment *Jacob Raphael, MD*

Oregon Ballroom 203-204



10:00 AM – 11:00 AM

Fellow and Resident Posters - 1

Exhibit Hall A1

11:00 AM – 12:00 PM

Fellow and Resident Posters - 2

Exhibit Hall A1

12:00 PM – 1:00 PM

Lunch on Own

12:00 PM – 1:00 PM

Non-CME Corporate Sponsored Symposium

Oregon Ballroom 201

Non-CME Corporate Sponsored Symposium

Oregon Ballroom 202

1:00 PM – 2:30 PM

Oregon Ballroom 203-204

Heart Failure – Contemporary Approaches to Diagnosis and Treatment

Moderator: Jiapeng Huang, MD, PhD

Heart Failure Phenotypes in 23: Diagnosis, Classification and What is Means in the Perioperative Setting

Kiran Belani, MD, FASE, FACC

Pharmacologic Treatment of Heart Failure: Are all Treatments the Same?

Katja Turner, MD

When Drug-treatment of Heart Failure Fails, Mechanical Circulatory Support is the Answer!

Sreekanth Cheruku, MD, MPH

When Drug-treatment of Heart Failure Fails, Transplantation is the Hero!

Christina Jelly, MD, MS

1:00 PM - 2:30 PM

A105-A106

Diversity, Equity, and Inclusion: Beyond Academics, What Every Anesthesiologist Should Know

Moderator: Michele Sumler, MD, MA

Enacting Change within Cardiovascular Anesthesiology through Bylaws and Beyond: What has been Done and What More Can be Done in the SCA?

Peter J. Neuburger, MD

Addressing Discrimination in the Workplace: Is Academic Anesthesia Diverse, Equitable, and Inclusive?

Renee Navarro, MD, PharmD

Point/Counterpoint

Is there Value Beyond the Traditional Academic Approach to DEI in Cardiac Anesthesia: Traditional Benefits vs. the Business Imperative Traditional Benefits

Daryl Oakes, MD

Point/Counterpoint

Is there Value Beyond the Traditional Academic Approach to DEI in Cardiac Anesthesia: Traditional Benefits vs. the Business Imperative Traditional Benefits

Trevor S. Sutton, MD

1:00 PM - 2:30 PM

B113-B116

SCA/STS



Care Bundles: Implementing Change and Measurements - Working Together in Many Places

Moderator: James Abernathy, MD, MPH

Enhancing Recovery Bundles of Care

Andrew Shaw, MB, FRCA, FFICM, FRCPC

Neurocognitive Dysfunction - What Do we Know and How Do We Prevent It?

Charles Brown, MD

OK, So Now What? You've Told me What to do, But How do I Get Everyone Else to Do It?

Emily Mackay, DO, MS

Structure, Process, and Outcome: The MPOG - STS Approach

Michael Mathis, MD

1:00 PM - 2:00 PM

B110-B112

Fellow and Resident Program: A Career in Cardiothoracic Anesthesiology: Mission Possible *See page 39 for full details.*

2:00 PM - 3:30 PM

Fellow and Resident Program: PBLD

See page 38 for full details.

2:30 PM - 3:00 PM

Oregon Ballroom Foyer

Coffee Break

2:30 PM - 5:30 PM

Afternoon Workshops

See pages 40-41 for full schedule. Separate registration required.



3:00 PM – 4:30 PM

Oregon Ballroom 203-204

Controversies and Dogma in Patient Blood Management for Cardiac Surgical Patients



Moderators: Michael Eaton, MD and Reed Harvey, MD, MHS

Ultrafiltration for Everyone!! Hemoconcentration on Pump Reduces Blood Transfusions, Right?

Nadia Blakemore Hensley, MD

Treatment for Preop Anemia – Waiting for Elective Surgeries to Treat Preop Anemia: Worth the Wait? Or Waste of Time?

Jacob Raphael, MD

Acute Normovolemic Hemodilution – How it Works, and Should you Really Bother?

Michael Mazzeffi, MD, MPH

Factor Concentrates Used Early for all Patients. What's the Risk? What's the Advantages? *Jenny Kwak, MD*

3:00 PM – 4:30 PM

B113-B116

Medical Error Occurred: What Does it Mean for Your License, Hospital Privileges and Your Future?

Moderators: James Abernathy, MD, MPH, MD and Agnieszka Trzcinka, MD, FASE

Scary but Necessary to Understand: Revoked License, Suspended Privileges, Disciplinary Action

Karen Domino, MD, MPH

What Medical Schools and Training Programs Don't Teach: Basics of Medical Negligence Law

Sheila T. Giovannini, JD, MAS

You Made an Error, Now what? Documentation, Disclosure and Other Steps that Really Matter

Dan Drzymalski, MD, DABA, CHCQM

Medical Error and its Effect on Provider as a Second Victim

Jo Shapiro, MD

4:00 PM – 5:00 PM

A105-A106

Fellow and Resident Program: Complex Case Discussion

See page 39 for full details.

5:00 PM – 6:00 PM

Exhibit Hall A1

Fellows and Resident Posters

See pages 56-73 for full details.

5:00 PM – 6:00 PM

Oregon Ballroom 202

Mentor/Mentee Session

4:30 PM – 7:00 PM

Exhibit Hall

Living Legends Welcome Reception

7:00 PM – 10:00 PM

Oregon Ballroom 202

Gala Event

The Gala will celebrate the History of the SCA as well as raise funds for the ongoing Research activities of the Society!

6:30 AM – 6:00 PM
Registration Open
Exhibit Hall A Foyer

7:00 AM – 8:00 AM
Problem-Based Learning Discussions (PBLDs)
See page 43 for full schedule. Separate registration required.

7:00 AM – 8:00 AM
Continental Breakfast with Exhibitors
Exhibit Hall A

8:00 AM – 9:00 AM
Earl Wynands Lecture
Moderators: Mary Beth Brady, MD, FASE
False Discoveries — How Research Design and Analysis Influences Anesthesia Knowledge
Philip Jones, MD, FRCPC
Oregon Ballroom 203-204

9:00 AM – 10:30 AM
Celebrating 45 years of SCA! Past, Present and (you are!) the Future
Moderators: Mary Beth Brady, MD, FASE and Joyce Wahr, MD
SCA Through the Eyes of One of the Founders
George Burgess, MD (past SCA president)
SCA Membership – My How We’ve Changed!
Linda Shore-Lesserson, MD, FAHA, FASE (past SCA president)
Expert’s Perspective on TEE Certification – Where We are and How We Got Here
Daniel M. Thys, MD (past SCA president)
Research – Part of the Mission, Right from the Start
Jerry Reves, MD (past SCA president)
Journal Affiliation – When, Why, and Where We are Today
John Waller, MD (past SCA president)
The Future, like Never Before
Andrew Shaw, MB, FRCA, FFICM, FRCPC (current president)
Kathryn Glas, MD, MBA (president elect)
Stephanie Ibekwe, MD, MPH, MS (early career BOD member)
Oregon Ballroom 203-204

9:00 AM – 12:00 PM
Morning Workshop
See page 41 for full schedule. Separate registration required.

10:30 AM – 11:00 AM
Coffee Break with Exhibitors
Exhibit Hall A



11:00 AM - 12:30 PM

Oregon Ballroom 203-204

Perioperative Nightmares: Things that Scare EVEN Cardiac Anesthesiologists!

MOCA®

Moderator: Himani Bhatt, DO, MPA

I Can't Breathe! – Airway Challenges in Sick Patients *Megan Kostibas, MD*

Thoracic Disasters – Don't Just Stand There, Do Something!

Alessia Pedoto, MD, FASA

Perfusion Mishaps - How to Handle Them! How to Avoid Them!

Matthew Shapiro, MS, CCP

LVAD Misadventures – What to Do When you Have to Act Fast *Jenny Kwak, MD*

11:00 AM - 12:30 PM

B113-B116

Leadership: Principles, Practices and Practical Tools

Moderator: Dalia Banks, MD

Scaling the Leadership Mountain: Societal Positions: Perspective of a Kaplan Award Winner

Sheela Pai Cole, MD, FASA, FASE

Climbing the Ladder While Remaining Sane: An Expert's Perspective

Sasha Shillcutt, MD, MS, FASE

The Globalization of Cardiac Care: How We can Lead the Way

Madhav Swaminathan, MBBS, MD, MMCi

International Perspective on Lung Transplant Leadership

Julian Fessler, MD

11:00 AM - 12:30 PM

A105-A106

Aortic Dissection Masterclass

Moderator: Mariya Geube, MD

The Hyperacute Phase – Perfuse and Protect!

Worasak Keeyapaj, MD

Role of Imaging in the Acute Proximal Aortic Dissection – True or False?

John G. T. Augoustides, MD, FASE, FAHA

Acute Proximal Dissection Repair – Is Less Actually More?

Marijan Koprivanac, MD

Malperfusion Syndrome – When it Becomes Complicated

Sujatha Bhandary, MD

11:30 AM – 2:30 PM **Oregon Ballroom 201**
Fellow and Resident Program: Keys to Success – A Crash Course of Critical Cardiac Anesthesiology Concepts

Moderators: Tara Brakke, MD, FASE and Jennifer Hargrave, DO
Congenital Heart Disease – Pathology, Physiology and Echo Considerations
Tiffany M. Williams, MD, PhD

All Things Devices: Cardiopulmonary Bypass, Circulatory Assist Devices, and Pacemakers
Nicholas Markin, MD

Enhancing the Cardiac Experience: Hints to Optimize Quality, Medico-legal Issues, Wellness, and DEI *Ashley Peterson, MD*

Rare Cardiac Diseases – Pathology, Physiology and Echo Considerations
Megan Kostibas, MD

Aortic and Mitral Valve Essentials: Pathology, Physiology and Echo Considerations
Nelson Burbano Vera, MD

12:30 PM – 1:30 PM **Exhibit Hall A**
Lunch Break with Exhibitors

12:30 PM – 1:30 PM **Exhibit Hall A1**
Scientific Program Poster Presentations: Session 1
See page 47-49 for full details.

12:30 PM – 1:30 PM **Oregon Ballroom 202**
Non-CME Corporate Sponsored Symposium

1:30 PM – 3:00 PM **Oregon Ballroom 203-204**
Change in the Financial Landscape - How Recent Changes in the Laws Affect your Bottom Line

Moderators: Adam Dalia, MD, MBA, FASE, Stephanie Ibekwe, MD, MPH, MS and Matthew Klopman, MD

Can They Do That? – Why CPT Codes May Change your Practice
Gordon Morewood, MD, MBA, FASA, FASE

Don't be Surprised by Changes in your Reimbursement Rate
Christopher Troianos, MD, FASE, FASA

SCA Salary Survey 2010-2022- Trends in Compensation and Practice
Matthew Vanneman, MD

Will Subspecialty Training Insulate Us From Current Trends in Physician Practice?
Himani Bhatt, DO, MPA



1:30 PM – 3:00 PM

"I Need Cardiac Anesthesia for this Case": The Legal and Logistical Challenges of this Universal Request

Moderator: Ankit Jain, MBBS, FASE, FASA

Complex Cardiac History: Who Cares for These Patients?

Lavinia Kolarczyk, MD, FASA

Educating our Colleagues: Methods to Educate Surgeons and Specialists on Who Cares for these Patients

Josh Cohen, MD

Documentation and Liability: Ask a Lawyer

Sheila T. Giovannini, JD, MAS

Cardiac Anesthesia Consult Service: Needed? Necessary? And Know How to Set One Up

Sinead Nyhan, MD

Panel Discussion – This is How We do It!

B113-B116



**SUNDAY, MAY 7
SCIENTIFIC PROGRAM**

1:30 PM – 3:00 PM

Hot Topics and Controversies in Adult Congenital Heart Disease

Moderators: Emily Methangkool, MD, MPH and Jonathan Ho, MD

Imaging in Unfamiliar Territory: Echo for Adult Congenital Heart Disease

Tiffany M. Williams, MD, PhD

When Should I Worry? Perioperative Care of the ACHD Patient

Gregory M. Janelle, MD, FASE, FASA

Pro/Con Debate: CT Anesthesiologists Should take the Lead in Caring for ACHD Patients Undergoing Non-Cardiac Surgery

Pro: Michael P. Eaton, MD

Con: Jochen Steppan, MD, DESA, FAHA, FASA

A105-A106



1:30 PM – 3:30 PM

SCA DEI - Junior Resident Scholars Program

Welcome Remarks: *Stanton K. Shernan, MD, FAHA, FASE*

Surveying the Past and Looking Forward: *Ashley Oliver, MD*

Closing Remarks: *Bantayehu Sileshi, MD*

A107

2:30 PM – 5:30 PM

Afternoon Workshop

See page 42 for full schedule. Separate registration required.

Holladay Suite

3:00 PM – 3:30 PM

Coffee Break with Exhibitors

Exhibit Hall A

3:00 PM – 5:30 PM

**Best of Meeting Oral Abstracts and Early Career Investigator Awards
Early Career Investigator**

Moderators: Jonathan Ho, MD, Jochen Muehlschlegel, MD, MMSC, MBA FAHA, FASA and Lisa Rong, MD MSCE, FASE FACC

A105-A106

3:30 PM – 5:30 PM

B113-B116

A Little Help From Our Temporary MCS Friends: A Clinical Management Update

Moderators: Jennifer Hargrave, DO and Nadia Blakemore Hensley, MD

Spinning Away: Temporary Left Ventricle Support With Microaxial Pumps

Adam Dalia, MD, MBA, FASE

Intra-Aortic Balloon Pump: An Oldie but Goodie or Little Bang for Your Buck?

Megan Kostibas, MD

Remember The Right Side: Temporarily Supporting the Right Ventricle

Sreekanth Cheruku, MD

Beyond the Simple: Hybrid and Parallel Extracorporeal Membrane Oxygen Circuits

Michael Mazzeffi, MD, MPH

The Best of Both Worlds – ECPELLA: Combining ECMO and Microaxial Pumps

Brett Wakefield, MD

3:30 PM – 5:30 PM

Oregon Ballroom 203-204

Mitral Valve Symposium – Diagnosis to Decision: A Comprehensive Review of the Mitral Valve from Diagnosis to Decision

Moderators: Ankit Jain, MD, MBBS, FASE, FASA and Kelly Ural, MD, FASA

Mitral Valve Diagnostics...Where it All Begins

Purvi Parwani, MD

Perioperative Management and Decision Making – The Anesthesiologist's Perspective *Candice Montzingo, MD, FASE*

Structural Heart Interventions – When is TEER the Best Option, What Can We Do as Echocardiographers to Help?

Laebe Lester, MD

When Surgery is the Best Option – Perioperative Decision Making for Mitral Valve Repair and Replacement

Patrick E. Parrino, MD



6:30 AM – 4:00 PM
Registration Open

Exhibit Hall A Foyer

7:00 AM – 8:00 AM
Problem-Based Learning Discussions (PBLDs)
See page 44 for full schedule. Separate registration required.

7:00 AM – 8:00 AM
Continental Breakfast with Exhibitors

Exhibit Hall A

8:00 AM – 11:00 AM
Morning Workshops
See page 42 for full details.

Exhibit Hall A

8:00 AM – 10:00 AM
Coronary Artery Disease: A Multidisciplinary Approach to an Age-Old Problem
Moderator: Tara Brakke, MD, FASE

Oregon Ballroom 203-204

Medical Management and PCI for Coronary Artery Disease – Classic Treatments,
New Perspective
Purvi Parwani, MD

Anesthetic Management of High-risk PCI Procedures – Who, How and in What Fashion?
Diana Anca, MD, PhD

CAD? Surgery (CAB) is the Answer – A Surgeon's Perspective
Siddharth V. Pahwa, MD

CAD? Stents are the Answers – A Cardiologist's Perspective
Rani Hasan, MD, MHS

Cases, Cases, Cases, Cases Show Me the Cases!
Katja Turner, MD

10:30 AM – 11:00 AM
Coffee Break with Exhibitors

Exhibit Hall A

10:30 AM – 11:00 AM
ASA Update
Moderator: Andrew Shaw, MB, FRCA, FFICM, FRCPC
Michael Champeau, MD FASA, President of the ASA

Oregon Ballroom 203-204

11:00 AM – 12:00 PM
Keynote: Attaining Health Equity – The Next Challenge
Moderator: Andrew Shaw, MB, FRCA, FFICM, FRCPC
Clyde W. Yancy, MD, MSc, MACC, FAHA, MACP, HFSA, FASPC (Hon.)

Oregon Ballroom 203-204

12:00 PM – 12:30 PM
Business Meeting and Awards

Oregon Ballroom 203-204

12:30 PM – 1:30 PM
Lunch Break with Exhibitors

Exhibit Hall A

12:30 PM – 1:30 PM
Scientific Program Poster Presentations: Session 2
See pages 50-52 for full details.

Exhibit Hall A1

12:30 PM – 1:30 PM

Oregon Ballroom 202

Non-CME Corporate Sponsored Symposium

1:30 PM – 3:00 PM

B113-B116

Beginner Course in Structural Heart Echocardiography – Learn Today, Use Tomorrow!

Moderator: Mary Beth Brady, MD, FASE

LAA Closure Procedures – Tips, Tricks, Troubleshooting

Nicholas W. Markin, MD, FASE

Interventional Echocardiography for Transcatheter Mitral Valve Repair Walk Me Through the Basics

Candice Morrissey, MD, MSPH, FASE

Hear from Interventional Cardiology – How, Why, When they Need our Guidance!

Rani Hasan, MD, MHS

Cases, Cases, Cases – A Multidisciplinary Panel Discussion of Real World, Common Challenges

Burkhard Mackensen, MD, PhD, FASE

1:30 PM – 3:00 PM

A105-A106

Movin' Right Along: ERAS for Cardiac Surgical Cases

Moderators: Jennifer Hargrave, DO and Stephanie Ibekwe, MD, MPH, MS

Pre-Game Planning – Program Development & Implementation

Alexander Gregory, MD, FRCPC

Expanding Your Toolbelt – Chest Wall Regional Anesthesia Techniques

Andrej Alfievic, MD

It's a New Day – Opioid Sparing Considerations

Alexander Mitnacht, MD, FASE

Making Game Time Decisions that Count – Critical Contributions During the Intraoperative Care that Improve Quality During Fast Tracking

Amanda Rhee, MD, MS

Finishing Strong – Post Operative Considerations for ERACS Program

Michael Conrod Grant, MD, MSE



1:30 PM – 3:00 PM

Oregon Ballroom 203-204

EACTAIC Session – Update on Cardiopulmonary Bypass Management

Moderator: Patrick Wouters, MD, PhD

Update on the Evidence Based Cardiopulmonary Bypass Guidelines

Gudrun Kunst, MD, PhD

Minimal invasive Extracorporeal Circulation (MiECC) – Is it the Cardiopulmonary Bypass Circuit of Choice?

Filip de Somer, PhD

Kidney Function After Cardiac Surgery and CPB

Hanne Berg Ravn, DMSc, PhD

Difficult Weaning off CPB – A Systematic Approach to Common Challenge

Gianluca Paternoster, MD, PhD



3:00 PM – 3:30 PM

Coffee Break

Oregon Ballroom Foyer

3:30 PM – 5:30 PM

Best of Meeting Oral Abstracts

Moderators: Jonathan Ho, MD, Jochen Muehlschlegel, MD, MMSC, MBA FAHA, FASA and Kimberly Howard-Quijano, MD, MS, FASE

Oregon Ballroom 202

3:30 PM – 5:00 PM

Abdominal and Thoracic Organ Transplantation: Things to Consider, Know or Ignore

B113-B116

Moderators: Jiapeng Huang, MD, PhD and Sharon McCartney, MD, FASE

ECMO, CPB, or No Support for Lung Transplant?

Jessica Spellman, MD

What you Need to Know for Heart Transplant from DCD, PGD to MCS

Megan Chacon, MD

DCD, PGD Prevention, Volume Management, Pain Control in Lung Transplant

Brandi Bottiger, MD

DCD, PGD Prevention, Volume Management, Pain Control in Liver Transplant

Tetsuro Sakai, MD, PhD, MHA, FASA

DCD, PGD Prevention, Volume Management, Pain Control in Kidney Transplant

Gebhard Wagener, MD

3:30 PM – 5:00 PM

TAS Session: What's New in Thoracic Anesthesia in 2023?

A105-A106

Moderators: Randal S. Blank, MD, PhD and Emily Teeter, MD

Driving Pressure and PEEP – An Update on Protective Ventilation in Cardiothoracic Surgery

Randal S. Blank, MD, PhD

Fluid versus Vasopressors – Managing Hypotension During and After Esophagectomy

Alessia Pedoto, MD, FASA

Monitoring the Lung – An Update on POCUS for the Thoracic Anesthesiologist

Hyun Joo Ahn, MD, PhD

Enhanced Recovery after Thoracic Surgery – Outcomes and Recommendations

Emily Teeter, MD

3:30 PM – 5:00 PM

SUPER ECHO

Oregon Ballroom 203-204

Moderators: Stephanie Ibekwe, MD, MPH, MS and Kelly Ural, MD, FASA

McKenzie Hollon, MD, FASE, Charles Nyman, MBBCh, Jacques Neelankavil, MD

See page 38 for full schedule.

6:30 AM – 4:00 PM

Registration Open

Exhibit Hall A Foyer

7:00 AM – 8:00 AM

Problem-Based Learning Discussions (PBLDs)

See page 44 for full schedule. Separate registration required..

7:00 AM – 8:00 AM

Continental Breakfast

Oregon Ballroom Foyer

8:00 AM – 10:00 AM

Oregon Ballroom 203-204

Perioperative Echocardiography – Things You Should Do Every Day but Don't Know How

Moderators: Raghavendra Govinda, MD, MBBS and Megan Kostibas, MD

Strain Echocardiography – How to Do it and More Importantly How to Use it

Kimberly Howard-Quijano, MD, MS, FASE

Diastolic Function and Dysfunction – Why it's Important to Patient Outcomes

Brian Cho, MD

Basics of 3D Echocardiography – Learn today, Use Tomorrow

Himani Bhatt, DO, MPA

Beyond the Basics – 3D Multiplanar Reconstruction – Many Moving Parts Simplified!

Natalie Silverton, MD, FRPCP, FASE

Challenges, Conundrums and Concerns – Lessons Learned from Everyday Cases

Nicholas W. Markin, MD, FASE

10:00 AM – 10:30 AM

Coffee Break

Oregon Ballroom Foyer

10:30 AM – 12:00 PM

B113-B116

The Future Directions of Research in Cardiac Anesthesia

Moderators: Jochen Muehlschlegel, MD, MMSc, MBA, FAHA, FASA and Jessica Spence, MD, PhD

What are the Questions in Cardiac Anesthesia that Urgently Need to be Answered?

Anne Cherry, MD

Novel Statistical Approaches and Big Data

David Mazer, MD

How to Leverage Registries, Administrative Databases, and Research Networks to

Conduct Retrospective and Prospective Research

Michael Mathis, MD

Pragmatic Trials and Other Innovations in Trial Design

Jessica Spence, MD, PhD



10:30 AM – 12:00 PM

Oregon Ballroom 203-204

Managing Right Heart Failure – From Volume to Mechanical Support

Moderators: Michael Essandoah, MD and Jiapeng Huang, MD, PhD

Diagnosing Right Heart Failure – From PA Catheter to Echo

Patrick Wouters, MD

Volume Management for Right Heart Failure – When is too Much too Much?

Brandi Bottiger, MD

Pharmaceutical Management of Right Heart Failure

Andrew Maslow, MD

Mechanical Circulatory Support for Right Heart Failure

Katja Turner, MD

10:30 AM – 12:00 PM

A105-A106

Pushing Boundaries in Cardiac Surgery and Critical Care – Is There a Limit?

Moderators: Emily Methangkool, MD, MPH and Michele Sumler, MD, MA

Donation after Circulatory Death

PRO: DCD Organ Transplants are Worthwhile and Expand the Donor Pool

Charles Napolitano, MD, PhD

CON: DCD Organ Transplants Can be Ethically Problematic

Peter Neuberger, MD

Cardiac Surgery and the Frail Patient

PRO: Cardiac Surgery for the Frail Patient is Worth the Risk, and Here's Why

Natalia Ivascu Girardi, MD

CON: Cardiac Surgery for the Frail Patient is NOT Worth the Risk, and Here's What to Do Instead *Vikram Fielding-Singh, MD, JD*

12:00 PM – 1:00 PM

Lunch on Own

12:00 PM – 1:00 PM

Exhibit Hall A1

Scientific Program Poster Presentations: Session 3

See pages 53-55 for full details.

1:00 PM – 2:00 PM

Oregon Ballroom 203-204

OR to ICU: Things to do (and not to do) in the OR to set up for Success in the ICU

Moderator: Mariya Geube, MD

Inotropic Agents Post CPB – A Friend or Foe?

Andra Duncan, MD, MS

Neurocognition and Cardiac Surgery – How Do I Change the Course?

Shahzad Shaefi, MD, MPH

Acute Kidney Injury - Old Disease, New Hope?

Amanda Fox, MD, MPH

Acute Coronary Syndrome Post Cardiac Surgery – The Known Unknowns

Katja Turner, MD

1:00 PM - 2:00 PM

A105-A106

Balancing on a Tight Rope: Practical Considerations for Patient Safety and Physician Performance

Moderator: Jennifer Hargrave, DO

CON: Patient Handoffs May Be Appropriate During Cardiac Surgical Procedures
James Abernathy, MD, MPH

PRO: Patient Handoffs May Be Appropriate During Cardiac Surgical Procedures
Amanda Rhee, MD, MS

Distracted Doctors – The Post Pandemic, Virtual Meeting Obligation Plague: Should We be Wearing Headphones and Caring for Patients?

Sasha Shillcutt, MD, MS, FASE

1:00 PM - 2:00 PM

B113-B116

Complex Cardiac Disease in Pregnancy

Moderators: Candice Montzigo, MD and Michele Sumler, MD, MA, FASE

Pulmonary Hypertension in Pregnancy: It is Different in Parturient?
Caroline Hunter, MD

Congenital Heart Disease and pregnancy: How to Care for Those Who are Used to the Pediatric Hospital

Candice Morrissey, MD, MSPH, FASE

Cardiac Surgery During Pregnancy: When Two Lives are in the Balance
Choy R. Lewis, MD

2:00 PM - 3:30 PM

Oregon Ballroom 203-204

Remember the Valves of the Right Side: An Update on Tricuspid and Pulmonic Valves

Moderators: Megan Chacon, MD and Jennifer Hargrave, DO

Unexpected Tricuspid Regurgitation, Now What?: Echo Assessment and Recommendations for Surgical Management
Jessica Brodt, MD

Let's Complicate the Question: Tricuspid Valve Assessment and Management During Mitral Valve Surgery
Michele Sumler, MD, MA, FASE

Simple Solutions on the Horizon? Percutaneous Interventions for the Tricuspid Valve
Richard Sheu, MD, FASE

In A Field Far, Far Away: Imaging Considerations and Assessment of the Pulmonic Valve
Liliya Pospishil, MD

When Less Is More: Percutaneous Interventions Options for Pulmonic Valve Dysfunction
Johanna Ghobrial, MD, MSc

Ross, Time for a Comeback?: Update on Utilization of the Ross Procedure
Tiffany M. Williams, MD, PhD



2:00 PM - 3:30 PM

B113-B116

Electrophysiology: What to Do, What to Know, What to Avoid

Moderator: Jonathan Ho, MD

Keep up the Pace: Perioperative Management of Pacemakers and ICDs

Anne Marie Thompson, MD

Everything Must Go? Tips, Tricks and Techniques for Pacemaker/ICD Extractions

Timothy M. Maus, MD

Catheter Based Ablations and Beyond: Epicardial Mapping and Ablation

Diana Anca, MD

A Storm is Brewing: Ventricular Tachycardia Tips, Tricks and Techniques for the CT Anesthesiologist

Kimberly Howard-Quijano, MD, MS

3:30 PM - 4:00 PM

Oregon Ballroom Foyer

Coffee Break

4:00 PM - 5:30 PM

Oregon Ballroom 203-204

Coagulation Conundrums in Cardiac Surgery Patients - Challenging Cases

Simplified by Experts

Moderators: Mariya Geube, MD and Nadia Blakemore Hensley, MD

P2Y12 Inhibitors and Platelet Function Testing - Clear, Concise, and Completely Understandable

Nadia Blakemore Hensley, MD

Ticagrelor and Emergency Surgery - What Does the Science Show?

David Mazer, MD

HITT Help! Diagnosis, Algorithms, and Management

Michael Mazzeffi, MD, MPH

DOAC (Direct Oral Anticoagulants) - Answers to your Questions

Mariya Geube, MD

4:00 PM - 5:30 PM

B113-B116

The Vulnerable Aging Brain: Optimizing Perioperative Outcomes



Moderator: Sharon L. McCartney, MD

Why is the Aging Brain so Vulnerable? Normal and Pathophysiologic Changes with Age

F. Willem Lombard, MBChB

Perioperative Care - How to Identify Elderly Patients with Vulnerable Brains: Should They be Managed Differently?

Hilary P. Grocott, MD

Intraoperative pEEG and NIRS Monitoring - Are They Useful in the Elderly?

Karsten Bartels, MD, PhD, MBA

The Perioperative Brain Health Initiative - Steps to Promote Brain Health in the Elderly Before, During and After Cardiac Surgery

Michael Devinney, MD, PhD

**TUESDAY, MAY 9
SCIENTIFIC PROGRAM**

SUPER ECHO

MONDAY MAY 8, 2023

3:30 PM - 5:00 PM

Echocardiographic Evaluation of the Novel Alta Supra-Annular Transcatheter Mitral Valve and its Potential Complications

Tina Shah, MD, Ellen Richter, MD, FASE, Nina Patel, MD

LAMPOON in a Patient with a Mechanical Aortic Valve Undergoing Transcatheter Valve-in-MAC Mitral Valve Replacement

Diana Khatib, MD, Olga Rozental, MD, PhD, Mandisa-Maia Jones, MD

Peripheral Stent Fragmentation And Migration To The Tricuspid Valve

Matea Malinovic, MD, Richard Yeom, MD

Post-Infarct Left Ventricular Pseudoaneurysm Rupture with Left Atrial Dissection

Danielle Pulton, MD, Sean Baskin, DO, Monique Roberts, MD

Systolic Anterior Motion: Obstruction Or No Obstruction?

Raghav Seth, MD, Aidan Sharkey, MD, Feroze Mahmood, MD, FASE

Valve Embolization During Percutaneous Mitral Valve in Valve Replacement

Ryan Lefevre, MD, Mias Pretorius, MBChB

SATURDAY MAY 6, 2023

1:00 - 2:00 PM

MISSION POSSIBLE

Short discussion on new environments, new people, team dynamics, self-awareness, self-care, responsibilities

Moderators: Tara Brakke, MD, FASE and Jennifer Hargrave, DO

Brandi Bottiger, MD

Jenni Ngai, MD

Kristen Holler, DO

Susan Eagle, MD

Adam Milam, MD

Reed Harvey, MD

Bruce Bollen, MD

Dillon Meier, MD

John G. T. Augoustides, MD, FASE, FAHA

2:00 - 3:30 PM

PBLD

Practical "real world" cases to review multiple keywords for the 2023 adult cardiac exam. The topic is keywords/real life scenarios.

PBLD Moderators:

Dan McDonald, MD

Elvera Baron, MD

Natalia Ivascu Girardi, MD

Dalia Banks, MD

Susan Eagle, MD

Marisa Hernandez-Morgan, MD, MPP

Lavinia Kolarczyk, MD, FASE

Charles Nyman, MBChB

Ratna Vadlamudi, MD

John G. T. Augoustides, MD, FASE, FAHA

Brandi Bottiger, MD

Suwarna Anand, MD

Rachel Diehl, ND

Vikram Fielding-Singh, MD, JD

Ravi Joshi, MD, MS, FASE

Nikhil Kumar, MD

Jeffery Songster, MD

Jennie Ngai, MD

FELLOW AND RESIDENT PROGRAM



SATURDAY MAY 6, 2023

4:00 PM - 5:00 PM

FELLOW AND RESIDENT COMPLEX CASE

Moderators: Brandi Bottiger, MD, Jacques Neelankavil, MD and Christopher Troianos, MD, FASE, FASA

Anesthesia Implications in Ischemic VSD Management (and Re-Intervention) – Mechanical Circulatory Support Considerations and Closure Strategies

Sarah Foster, MD, Rosie Sheinberg, MD, ABOLM

Beyond the Valve: A Hidden Right Ventricular Outflow Tract Obstruction

Sruthi Rangu, MD, Meha Bhargava, MD

Bilateral Lung Transplant on a Patient with CHARGE Syndrome and Unrepaired Ventricular Septal Defect and Patent Ductus Arteriosus

Austin Erney, DO, Mohamed Abdalla, MD, Mariya Geube, MD

Novel Utilization of EZ Blocker for Lung Isolation in a Patient with Difficult Airway and Tracheal Bronchus

Jordan Holloway, MD, Micheal Essandoh, FASE, Jonathan Tang, MD

SUNDAY MAY 7, 2023

11:30 AM - 2:30 PM

FELLOW AND RESIDENT PROGRAM

Keys to Success – A Crash Course of Critical Cardiac Anesthesiology Concepts

Moderators: Tara Brakke, MD and Jennifer Hargrave, DO

Congenital Heart Disease – Pathology, Physiology and Echo Considerations

Tiffany M. Williams, MD, PhD

All Things Devices: Cardiopulmonary Bypass, Circulatory Assist Devices, and Pacemakers Nicholas Markin, MD

Enhancing the Cardiac Experience: Hints to Optimize Quality, Medico-legal Issues, Wellness, and DEI

Ashley Peterson, MD

Rare Cardiac Diseases – Pathology, Physiology and Echo Considerations

Megan Kostibas, MD

Aortic and Mitral Valve Essentials: Pathology, Physiology and Echo Considerations

Nelson Burbano Vera, MD

**FELLOW / RESIDENT
PROGRAM**

HANDS-ON WORKSHOPS

SATURDAY MAY 6, 2023

C125-C126

9:00 AM - 12:00 PM

ECMO WORKSHOP

Moderators: Mariya Geube, MD, Nadia Blakemore Hensley, MD and Michael Mazzeffi, MD, MPH

Lectures:

Brief Introduction and Overview of Workshop *Mariya Geube, MD*

Stations:

ECMO Program Logistics and Staffing, Mobile ECMO *Jacob Gutsche MD and*

Joe Deng-Legacy, MD, MMS

ECMO Circuits and Pumps *Michael Mazzeffi, MD, MPH and Matthew Shapiro, MS, CCP*

ECMO Cannulation PBLD? Complications: Who is a Candidate and Who Decides – Data on

Survival Rates for Different Indications (VV ECMO for ARDS/COVID19; VA ECMO for

Post-Cardiotomy Cardiogenic Shock, etc.) *Adam Dalia, MD, MBA, FASE, Assad Usman, MD and*

Jerome Crowley, MD, MPH

VA ECMO – Different Types of Cannulas; Where They Go; How TEE May Guide Placement;

Troubleshooting Common Problems *Mariya Geube MD and Michael Essandoh, MD, FASE*

VV ECMO – Different Types of Cannulas; Where They Go; How TEE May Guide Placement;

Troubleshooting Common Problems *Christina Jelly, MD and Brett Wakefield, MD*

PBLD ECMO Cases *Liliya Pospishil, MD and Nadia Blakemore Hensley, MD*

SATURDAY MAY 6, 2023

C123-C124

9:00 AM - 12:00 PM

POCUS WORKSHOP 1

Moderators: Megan Chacon, MD and Agnieszka Trzcinka, MD, FASE

Lectures:

We Should Care About the Future of PoCUS! *McKenzie Hollon, MD, FASE*

How POCUS and TTE Has Expanded My Practice *Abu Kumareasan, MD*

Stations:

The Basic TTE Exam and Comparison TEE Views *Bradley Coker, MD and McKenzie Hollon, MD, FASE*

Ultrasound for Evaluation of Hypoxia/Dyspnea *Sheela Pai Cole, MD, FASA, FASE and*

Vidya Rao, MD, MBA

FAST Examination and Gastric Ultrasound *Laeben Lester, MD and Ravi Joshi, MD, MS, FASE*

FOCUS Cardiac Examination *Jacques Neelankavil, MD and Abu Kumareasan, MD*

Rescue Echo *Brandon Smoller, MD and Walker Thomas, MHPTT, RDCS, FASE*

Vascular Access and Portable/Handheld Devices *Meena Bhatia, MD and Brian Cho, MD*

SATURDAY MAY 6, 2023

C120-C122

2:30 PM - 5:30 PM

REGIONAL WORKSHOP: Integrating Regional Anesthesia into a Cardiac Anesthesiology Practice

Moderators: Himani Bhatt, DO, MPA and Jennifer Hargrave, DO

Lectures:

Welcome and Introduction *Himani Bhatt, DO, MPA and Jennifer Hargrave, DO*

Just What is ERACS Program? Understanding the Components of an Impactful Program

Michael Conrad Grant, MD, MSE

Knowledge is Power: Understanding Chest Wall Innervation and Anatomical Considerations During

Regional Anesthesia Approaches to Cardiac Surgery *Marta Kelava, MD*

Final Thoughts: Practical Use, Handouts/Reference Cards, and Contacts *Himani Bhatt, DO, MPA*



Stations:

Advanced Techniques for Optimizing Your Ultrasound Image *Nikhil Kumar, MD, Abimbola Faloye, MD*
Pectoral Intercostal Fascial Block vs. Transversus Thoracic Plane Blocks *Michael Conrod Grant, MD, MSE and Daniel Tolpin, MD*
PEC I, PEC II *Benu Makkad, MD and Benjamin Salter, MD*
ESP *Jessica Brodt, MD and Samhati Mondal, MD, MBBS*
SAP Blocks/Rectus Sheath Blocks *Marta Kelava, MD and Luca La Colla, MD*

SATURDAY MAY 6, 2023

C125-C126

2:30 PM - 5:30 PM

ADVANCED TEE WORKSHOP: Advanced Echo Modalities for Practical Use

Moderators: *Adam Dalia, MD, MBA, FASE and Kelly Ural, MD, FASA*

Lectures:

Welcome, Introduction of Speakers, Description of Program *Adam Dalia, MD, MBA, FASE and Kelly Ural, MD, FASE*
Advanced TEE Case Discussion: Demonstrating the Clinical Utility of Advanced Echo Modalities *Richard Sheu, MD, FASE*

Stations:

3D Mitral Valve Measurements *Stanton Shernan, MD, FAHA, FASE and Douglas Shook, MD, FASE*
Right Ventricular Quantification *Feroze Mahmood, MD, FASE and Alina Nicoara, MD, FASE*
Cardiac Deformation/Strain *Nelson Burbano Vera, MD and Kathirvel Subramaniam, MD, MPH, FASE*
3D Aortic Valve Assessment *Kiran Belani, MD, FASE, FACC and Sharon McCartney, MD, FASE*

SUNDAY MAY 7, 2023

C120-C124

9:30 AM - 12:30 PM

3D TEE WORKSHOP

Moderators: *Jiapeng Huang, MD, PhD, Ankit Jain, MBBS, FASE, FASA, and Michele Sumler, MD, MA, FASE,*

Lectures:

3D: Modalities of Acquisition, Advantages, and Disadvantages *Alina Nicoara, MD, FASE*
How Do I Incorporate 3D for Percutaneous Interventions? *Charles Nyman, MBBCh*
How Do I Incorporate 3D in the Operating Room? *Feroze Mahmood, MD, FASE*
Program Wrap Up *Jiapeng Huang, MD, PhD*

Stations:

TTE Station *Anne Cherry, MD*
3D Left and Right Ventricles *Reed Harvey, MD, MHS*
Hands-on Review of 3D Techniques *Gavin Best, MD*
3D Left and Right Ventricles *Natalie Silverton, MD, FRPCP, FASE*
3D Mitral Valve *Laebe Lester, MD*
3D Aortic Valve and Tricuspid Valve *Abimbola Faloye, MD*
Hands-on Review of 3D Techniques *Ankit Jain, MD*
Station Monitoring *Promise Ariyo, MD, PhD*

HANDS-ON WORKSHOPS

SUNDAY MAY 7, 2023

Holladay Suite

2:30 PM – 5:30 PM

PROFESSIONAL DEVELOPMENT WORKSHOP: Achieving Success in Cardiac Anesthesia: Skill-building Workshop for Professional Development and Career Advancement, and Leadership

Moderators: James Abernathy, MD, MPH and Emily Methangkool, MD, MPH

Lectures:

What I Look for in Leaders: How to Choose the Right Person for the Right Task *David Reich, MD*

How to Deliver a Mind-Blowing Presentation *Madhav Swaminathan, MBBS, MD, MMCi*

Conflict Management: How to Ease Egos and Tame Tempers in the Operating Room

Sasha Shillcutt, MD, MS, FASE

The Art of Saying No – Essential Time Management Skills *Lavinia Kolarczyk, MD, FASA*

Stations:

Networking 101 – How to Perfect Your “Elevator Pitch” *Jonathan Leff, MD, FASE*

Negotiating Tips *Douglas C. Shook, MD, FASE and Thomas McLoughlin, MD, FASA*

1:1 Mentoring for Career Development with SCA Leaders *Dalia Banks, MD, Kathryn Glas, MD, MBA,*

Gordon Morewood, MD, FASA, FASE, Daryl Oakes, MD, Stanton Shernan, MD, FAHA, FASE,

Linda Shore-Lesserson, MD, FAHA, FASE, Christopher Troianos, MD, FASE, FAS and

Mark Taylor, MD, FASE

How to Transform Your Leadership *James (Jake) Abernathy, MD, MPH*

MONDAY MAY 8, 2023

C123-C124

8:00 AM – 11:00 AM

POCUS WORKSHOP 2

Moderators: Megan Chacon, MD and Shahzad Shaefi, MD, MPH

Lectures:

We Should Care About the Future of PoCUS! *Nicholas W. Markin, MD, FASE*

How POCUS and TTE Has Expanded My Practice *Abu Kumareasan, MD*

Stations:

The Basic TTE Exam and Comparison TEE Views *Bradley Coker, MD and*

Nicholas W. Markin, MD, FASE,

Ultrasound for Evaluation of Hypoxia/Dyspnea *Sheela Pai Cole, MD, FASA, FASE and*

Ameeka Pannu, MD

FAST Examination and Gastric Ultrasound *Christina Jelly MD, MS and Ravi Joshi, MD, MS, FASE*

FOCUS Cardiac Examination *Jacques Neelankavil, MD and Abu Kumareasan, MD*

Rescue Echo *Brandon Smoller, MD and Walker Thomas, MHPTT, RDCS, FASE*

Vascular Access and Portable/Handheld Devices *Abimbola Faloye, MD and Daniel Tolpin, MD*



Schedule

Thoracic Anesthesia Symposium PBLD Coordinator: Emily Teeter, MD (PBLDs 1-6)

Annual Meeting & Workshops PBLD Coordinator: Stephanie Ibekwe, MD, MPH, MS (PBLDs 7-29)

Breakfast will be available outside of the session rooms beginning at 6:30 AM for all morning sessions.

The session will begin promptly at the start time indicated in the schedule.

Separate registration required. Limited registration available.

SATURDAY MAY 6, 2023

7:00 AM - 8:00 AM

TAS PBLDS 1-6

1	Lung Transplantation in Kartagener's Syndrome – Mirror, mirror, on the Wall <i>Karl D. Hillenbrand, MD and Julien Fessler, MD</i>	B117
2	Setting up a Regional Anesthetic Service for Thoracic Surgery <i>Lloyd E. Kwanten, FANZCA, MBBS, BMedSc and Emily Teeter, MD</i>	B118
3	Massive Hemoptysis in Interventional Pulmonology Suite <i>Diana Anca, MD, PhD and Phillip M. Hartigan, MD</i>	B119
4	It's Only a Simple Procedure – Segmentectomy in a Patient with Severe Pulmonary Hypertension and Right Ventricular Dysfunction <i>Theresa Gelzinis, MD and Lavana Kolarczyk, MD</i>	B110
5	Anesthetic Management for a Patient with an Anterior Mediastinal Mass – When Do You Need Backup? <i>Rohesh Fernando, MD, FASE, FASA and Nazish Hashmi, MD</i>	B111
6	Challenges in Acute Pain Management: The Patient with Cancer Undergoing Minimally Invasive Esophageal Surgery <i>Alessia Pedoto, MD, FASA and Rebecca Klinger, MD, MS</i>	B112

WORKSHOPS /
PBLDS

SUNDAY MAY 7, 2023

6:45 AM - 8:00 AM

PBLDS 7-14

7	Thoracic Anesthesia Misadventures <i>Dalia Banks, MD and Megan Kostibas, MD</i>	B117
8	ECMO Troubleshooting with the Experts <i>Jacob Gutsche, MD and Samhati Mondal, MD, MBBS</i>	B118
9	Severe Pulmonary Hypertension and Noncardiac Surgery – No Need to be Afraid <i>Sinead Nyhan, MD and Jochen Steppan, MD, DESA, FAHA, FASA</i>	B119
10	Severe Right Heart Failure After CPB; Everyone's Nightmare <i>John G.T. Augoustides, MD, FASE, FAHA and Andrew Maslow, MD</i>	B110
11	Perfusion Catastrophes – How to Avoid, How to Handle <i>Gavin Best, MD and Matthew Shapiro, MS, CCP</i>	B111
12	How to Conduct an STS/SCA Database Study Using the STS Research Center – Participant User File (PUF) <i>Bruce Bollen, MD and Miklos Kertai, MD, PhD</i>	B112
13	Cardiac Implantable Electronic Device Management in Cardiac Surgery and Beyond <i>Jacques Neelankavil, MD and Peter Schulman, MD</i>	A108
14	Transvenous Lead Extraction – What Could go Wrong? <i>Diana Anca, MD, PhD and Timothy M. Maus, MD, FASE</i>	A109

PROBLEM-BASED LEARNING DISCUSSIONS

MONDAY MAY 8, 2023

6:45 AM - 8:00 AM

PBLDS 15-22

- | | | |
|----|---|------|
| 15 | Stop the Bleeding: Our 2023 Guide to Hemostasis after Cardiovascular Surgery
<i>Kamrouz Ghadimi, MD, MHSc, FAHA and Prakash Patel, MD, FASE</i> | B117 |
| 16 | Adult Congenital Heart Disease – When Your 30-year-old Patient has a Sternotomy Scar
<i>Alexander Mitnacht, MD, FASE and Jochen Steppan, MD, DESA, FAHA, FASA</i> | B118 |
| 17 | Primary Graft Dysfunction After Heart Transplantation: What Do We Do Now?
<i>Sreekanth Cheruku, MD and Sharon McCartney, MD, FASE</i> | B119 |
| 18 | Cerebral Protection in Cardiac Surgery – Pitfalls and Plans
<i>Hillary Grocott, MD, FRCPC, FASE and Choy R. Lewis, MD</i> | B110 |
| 19 | Paging Cardiac Anesthesia STAT! Tips & Tricks to Designing an Out of OR Cardiac Anesthesia Consult Service
<i>Lavinia Kolarcyk, MD, FASA and Matthew Vanneman, MD</i> | B111 |
| 20 | Tearing Up My Heart: Navigating Preoperative and intraoperative Considerations for Type A Aortic Dissection Repair
<i>Ravi Joshi, MD, MS, FASE and Ashely Peterson, MD</i> | B112 |
| 21 | TEE for Minimally Invasive Cardiac Surgery – Get the Right Views Fast
<i>Kiran Belani, MD, FASE, FACC and Candice Morrissey, MD, MSPH, FASE</i> | A108 |
| 22 | From Arrest to Recovery: Management of a Patient on VA ECMO
<i>Meena Bhatia, MD and Jessica Spellman, MD</i> | A109 |

TUESDAY MAY 9, 2023

6:45 AM - 8:00 AM

PBLDS 22-30

- | | | |
|----|---|------|
| 23 | Cardiac Surgery and the Jehovah's Witness – Pushing the Limits of Patient Blood Management
<i>Brian Cho, MD and Karen E. Singh, MD, FASE</i> | B117 |
| 24 | How to Launch a Successful Peri-Operative Cardiac Surgical Home at Your Institution?
<i>Ludmil Mitrev, MD, FASA and Kathirvel Subramaniam, MD, MPH, FASE</i> | B118 |
| 25 | Regional Anesthesia for Cardiac Surgery: Why and How to Implement and Sustain Novel Programs
<i>Jessica Brodt, MD and Daniel Tolpin, MD</i> | B119 |
| 26 | Inflow Velocities and E' How Diastology Quantification Could Affect Your Practice
<i>Nicholas Markin, MD, FASE and Samhati Mondal, MD, MBBS</i> | B110 |
| 27 | Hypotension After CPB- When Everything and the Kitchen Sink Doesn't Work
<i>Promise Ariyo, MD, PhD, and Jacques Neelankavil, MD</i> | B111 |
| 28 | Adult Congenital Heart Disease and Non-Cardiac Surgery
<i>Michael Eaton, MD and Jenny Kwak, MD</i> | B112 |
| 29 | Unexpected Intraoperative Echo Findings: When Your Exam Should Change the Surgical Plan (Or Not)
<i>Anne Cherry, MD and Douglas Shook, MD, FASE</i> | A108 |
| 30 | Percutaneous Transcatheter Right-Sided Interventions – Indications and Challenges
<i>Bradley Coker, MD and Burkhard Mackensen, MD, PhD, FASE</i> | A108 |



SUNDAY, DAY 7, 2023

3:30 PM - 5:30 PM

BEST OF MEETING ORAL ABSTRACTS AND EARLY CAREER INVESTIGATOR AWARDS

Airway Complications After Bilateral Lung Transplantation: Comparing Elective Veno-Arterial Extracorporeal Membrane Oxygenation to Off-Pump Support

Erika Lodgek, MD, Jacob Klapper, MD, FACS, Morgan Rosser, MS, Nazish Hashmi, MD, Brandi Bottiger, MD

Anesthetic Considerations for Heart Transplantation Using Co-Localized Donation after Circulatory Death

Cyriac Joseph, MD, Jennie Ngai, MD, Les James, MD, MPH, Deane Smith, MD

Baseline Intraoperative Left Ventricular Diastolic Function is Associated with Post-Operative Atrial Fibrillation after Cardiac Surgery

Lisa Rong, MD, MSCE, FASE, FACC, Mario Gaudino, MD, PhD MSCE, Antonino Di Franco, MD, Arnaldo Dimagli, MD, Aneri Patel, BA

Cognitive Effects of Body Temperature During Hypothermic Circulatory Arrest: A Randomized Clinical Trial Comparing Outcomes Following Aortic Arch Surgery
Sachin Mehta, MD, Joseph Mathew, MD, Edward Chen, MD

Effectiveness of Erector Spinae Plan Block in Perioperative Pain Control in Minimally Invasive Cardiac Surgical Patients
Mohamed Fayed, MD, Nicholas Yeldo, MD, John Mitchell, MD, Nimesh Patel, MD, Wissam Maroun, MD

Hemodynamic Effect Of Norepinephrine Versus Vasopressin on the Pulmonary Circulation in Cardiac Surgery Patients
Abey Abraham, MD, Kan Zhang, MD, Xuan Pu, Mariya Geube, MD, Andra Duncan, MD, MS

Intraoperative Hemodynamic Variables Are Not Predictive of Greater Mortality After Thoracic Aortic Surgery in Females

Aaron Tarnasky, MD, Tanya Kenkre, PhD, MPH, Adam McIntyre-Smith, MD, John Driggers, BS, Kimberly Howard-Quijano, MD, MS, FASE

Need for Renal Replacement Therapy Immediately after Heart Transplant Does Not Predict Long-Term Renal Failure

Aditi Balakrishna, MD, Ashish Shah, MD, Christina Jelly, MD, MS

Pulmonary Artery to Aorta Diameter Ratio as a Marker of Inotropic Support after Left Ventricular Assist Device Implantation

Renan Ferrufino, MD, Luis Gonzalez Ciccarelli, MD, Abdulaziz Alfadhel, MD, Frederick Cobey, MD, Brian Gebhardt, MD

Right Ventricular Function in Response to Inhaled Nitric Oxide in Patients with Portopulmonary vs. Pulmonary Arterial Hypertension

Hai Pham, MD, MS, Inderjit Singh, MD, Hannah Oakland, MD, Paul Heerdt, MD, PhD

Right Ventriculo-Arterial Coupling Assessment by High-Fidelity Hemodynamic Measurements in Patients Undergoing Left Ventricular Assist Device Implantation
Crosby Culp, MD, Mary Cooter Wright, MS, Kendall Hunter, MS, PhD, Mihai Podgoreanu, MD, Alina Nicoara, MD, FASE

The Impact of Anesthetic Agents on Regional Cerebral Blood Flow During Carotid Artery Clamping in Patients with Debranching Thoracic Endovascular Aortic Repair

Yusuke Nakano, MD, Kenji Yoshitani, MD

MONDAY, DAY 8, 2023

3:30 PM – 5:30 PM

BEST OF MEETING ORAL ABSTRACTS 2

Association of Lower Discharge Hemoglobin Levels on 30-Day Readmission in Cardiac Surgery: A Statewide Analysis

Brian Cho, MD, Sari Holmes, PhD, Sara Kaliszak, MD, Glenn Whitman, MD, Nadia Hensley, MD

Association of NfL and NfH biomarkers with Hypertensive Disorders of Pregnancy and PRES

Yen-Yen Gee, MD, Elizabeth Hall, MD, Jason King, MD, Sajid Shahul, MD, Eric Sweeney, MD

Coagulation Factor Concentrates as First-Line Therapy for Microvascular Bleeding in Cardiac Surgery

Roberto Lopez, MD, Mary Cooter Wright, MS, Miriam Treggiari, MD-PhD, Kamrouz Ghadimi, MD, MHSc, FAHA, Nicholas Kathrein, MS

Double-Blind, Randomized Comparison of Two Four-Factor Prothrombin Complex Concentrates for Vitamin K Antagonist Reversal Before Urgent Surgery with Significant Bleeding Risk – LEX-209 Study

Ravindra Sarode, Joshua Goldstein, MD, Gregory Simonian, MD, Truman Milling Jr, MD, Ravi Sarode

Effects of Acute Normovolemic Hemodilution (ANH) on Coagulation Parameters in Patients Undergoing Cardiac Surgery

Stefany Lazieh, Ananda Thomas, BA, Razvan Azamfirei, MS, Kristen Penberthy, Stefany Lazieh, BA, Nadia Hensley, MD

Effects of Intraoperative Inspired Oxygen Fraction (FiO20.3 vs 0.8) on Patients Undergoing Off-Pump Coronary Artery Bypass Grafting: the CARROT Multicenter, Cluster-Randomized Trial

Hyeon Cheun, Resident, Yunseok Jeon, Professor, Jae-Kwang Shim, Professor

Ischemic Post-Conditioning Improves Outcomes after Arrest In Diabetic Rats

Matthew Barajas, MD, Zhu Li, PhD, Matthias Riess, MD, PhD, FASA, Takuro Oyama, MD, PhD, Masakazu Shiota, DVM, PhD

Measuring Ascending Aortic Aneurysms with Intraoperative Transesophageal Echocardiography: Validation via Cardiac Magnetic Resonance

Sena Chun, MD, Richard Thalappillil, MD, Lisa Rong, MD, MSCE, FASE, FACC, Jiwon Kim, MD, Jonathan Weinsaft, MD

Preemptive Pharmacogenetic-guided Metoprolol Management for Postoperative Atrial Fibrillation Pilot Study

Jesse Staben, BA, Yaping Shi, MS, Matthew Shotwell, PhD, Miklos Kertai, MD, MMHC, PhD, J. Rae Staben, BA

Purinergic Signaling and Uncoupling Protein 2 Dysfunction in Postoperative Atrial Fibrillation

Ahmed Sohail, MD, Robina Matyal, MD, Feroze Mahmood, MD, FASE, Elizabeth Russ, BS, Adnan Khan, MD



SUNDAY, MAY 7, 2023 • 12:30 PM - 1:30 PM

KIOSK 1

Moderator: Stan Shernan, MD

Poster 1	Adithya Srikanthan, BS	Transesophageal versus Intracardiac Echocardiography for NobleStitch™ Suture-Mediated PFO Closure: Procedural Outcomes
Poster 2	Daniel An, DO	Protamine's Utility in Combined Transcatheter Aortic Valve Replacement and Percutaneous Coronary Intervention - To Reverse or Not to Reverse?
Poster 3	Pamela Benavidez, MD	The Heart After the Storm: A Case of Total Artificial Heart After Ventricular Tachycardia Storm in the Setting of Unknown Autosomal Recessive Dilated Cardiomyopathy Type 2C
Poster 4	Anjum Saiyed, MD Anaesthesia	A Double Blinded Randomized Control Study for Effect of Peri-Operative Magnesium Sulphate on Blood Sugar Levels Among Patients Undergoing Cardiac Surgery
Poster 5	Andre Savadjian, MD	Reduce Intraoperative Albumin Utilization in Cardiac Surgical Patients: A Quality Improvement Initiative
Poster 6	Adam Adenwala, MD	The Effect of Cardiopulmonary Bypass on SARS-CoV-2 Antibody Levels
Poster 7	Emily Bachner	The Effect of Rapid Hyponatremia Correction During Cardiopulmonary Bypass

KIOSK 2

Moderator: Douglas Shook, MD, FASE

Poster 1	Faraz Mahmood, MD	Paradoxical Pulmonary Edema Despite Low Left Atrial Pressure: Unusual Consequence of a Misplaced Bioprosthetic Valve
Poster 2	Kyle Ferguson, MD	Severe Tricuspid Regurgitation Secondary to Traumatic Anterior Papillary Muscle Rupture
Poster 3	Aidan Sharkey, MD	Misidentification of the True Aortic Annulus with 2-dimensional Echocardiography: A Critical Appraisal Using 3-dimensional Imaging.
Poster 4	Taha Abdul Rehman, MD	Aortic Annulus Diameter Measurements: Comparison of Different Cut Planes
Poster 5	Massimiliano Meineri, MD	Three-dimensional Analysis of Tricuspid Valve Annular Geometry After Percutaneous Edge-to-Edge Repair
Poster 6	Emily Bergbower, MD, PhD	Characterizing Molecular Mechanisms of Platelet Apoptosis in a Murine Model of Sepsis
Poster 7	Alexandra Krüger, MD	Correlation Between Postoperative Weight Gain and Perioperative Fluid Management and its Impact on Outcome in Enhanced Recovery After Cardiac Surgery

KIOSK 3

Moderator: Karsten Bartels, MD, PhD, MBA

Poster 1	Elizabeth Russ, MD	Oophorectomy and High Fat Diet Impairs Metabolic and Cardiac Function
Poster 2	Sunghee Han	The Effect of Combination of Melatonin and Dexamethasone on Experimental Model of Spinal Cord Ischemia Reperfusion Injury.
Poster 3	Jacob Christofi, M.Sc.	The Effects of miR-155 on Glutamate and GABA Receptor Expression in a Mouse Model of Spinal Cord Injury Induced by Transient Aortic Occlusion
Poster 4	Elizabeth Hall, MD	Activin A/FSTL3 Ratio and Association with Cardiovascular Outcomes in Patients with Hypertensive Disorders of Pregnancy
Poster 5	Sherman Yu	Follistatin and FSTL3 as Biomarkers of Right Sided Heart Failure
Poster 6	Christopher Scheiber, MD	Resilience of Blood Products to Hyperbaric Stress Associated with Military Diving
Poster 7	Erica Kane, MD, MPH	Evaluation of Ischemic Ventricular Septal Defect from Pseudoaneurysm Rupture

SCIENTIFIC PROGRAM ABSTRACTS AND POSTERS

SUNDAY, MAY 7, 2023 • 12:30 PM - 1:30 PM

KIOSK 4

Moderator: **Michael Eaton, MD**

Poster 1	Aaron Whitby, MD	Impella 5.5 Placement for Delayed Repair of VSD Complicated by Acute Cardiac Tamponade
Poster 2	Shahriar Shayan, MD	The Characteristics and Hemodynamic Profile Comparison Between Protek Duo and Spectrum Cannulas for Veno-venous ECMO: A Case Presentation.
Poster 3	Nagaraj Swaminathan, BS	Hemodynamic Stabilization Using Impella™ in a Patient Presenting for Epicardial VT Ablation
Poster 4	Jordan Bozer, MD	Extracorporeal Membrane Oxygenation as Rescue Therapy in Failed Surgical Airway Management — A Recommendation for Updating the American Society of Anesthesiologists 'Difficult Airway Algorithm'
Poster 5	Ilya Lembrikov	Replacing a Failing Heart with a 'Broken Heart': Utilization of a Takotsubo Cardiomyopathy Donor Heart for Orthotopic Heart Transplantation
Poster 6	Alexander Olson, MD	Hyperbaric Oxygen Treatment for Quadriplegia After Cardiac Surgery
Poster 7	Brett Heber, DO	Effects of Erector Spinae Plane Block or Parasternal Nerve Block on Postoperative Opiate Consumption in Cardiac Surgical Patients: A Pilot Cross-sectional Study

KIOSK 5

Moderator: **Kimberly Howard-Quijano, MD, MS, FASE**

Poster 1	Terrance Nowell, MD	Cost-effectiveness analysis of a Randomized Clinical Trial comparing Inhaled Epoprostenol with Nitric Oxide in Adult Lung Transplantation
Poster 2	Christina Jelly, MD, MS	Effect of Blood Product Transfusion and Clinical Outcomes in Donation After Circulatory Death Heart Transplant Recipients
Poster 3	Bryan Chow, MD	Perioperative Bleeding in Lung Transplantation after Previous Cardiothoracic Surgery
Poster 4	Vincent Brinker, MD	Tricuspid Valve Regurgitation After Heart Transplantation: Severity Over Time and Relationship to Mortality
Poster 5	Christin Kim, MD	Improvement in 5-year Survival Despite an Increased Incidence of Dialysis after Heart Transplantation in a Propensity Score Matched Analysis of the United Network of Organ Sharing Database
Poster 6	Michael Tan, MD	Risk Factors for Dysphagia after Lung Transplantation
Poster 7	Aniruddha Ramesh Janai, MD	Fast Track versus Conventional Management in Pediatric Cardiac Surgery - A Propensity Matched Retrospective Analysis

KIOSK 6

Moderator: **Alex Mittnacht, MD, FASE**

Poster 1	Sin Yeong An, MD	Anesthetic Considerations for Total Endovascular Aortic Arch Repair: A Case Series
Poster 2	William Hickman	Anesthetic Choice for Left Atrial Appendage Closure: A National Anesthesia Clinical Outcomes Registry Analysis
Poster 3	Eun Jung Oh	Neurocognitive Function Based on the Neurocognitive Test Battery Before and After Transcatheter Aortic Valve Replacement Under Monitored Anesthesia Care
Poster 4	Dhruvi Diwan, MD	Optimization and Standardization of Anesthetic Workflow for Transcatheter Aortic Valve Replacement
Poster 5	Anthony Guglin	Salvaging a Transcatheter Aortic Valve Replacement Following Sheath Splitting
Poster 6	Nika Samadzadeh Tabrizi, BS	Gastrointestinal Complications After Transesophageal Echocardiography in Patients Undergoing Mitraclip: Insights from a Large Contemporary Cohort
Poster 7	David Maduram, MD PhD	Surgical Emboli Presenting as Right Atrial Mass Caused by Laparoscopic Morgagni Hernia Repair



SUNDAY, MAY 7, 2023 • 12:30 PM - 1:30 PM

KIOSK 7

Moderator: **Annemarie Thompson, MD**

Poster 1	Felipe Vasconcelos Torres, MD, PhD	Prediction of Acute Kidney Injury after Coronary Artery Bypass Surgery in Legacy vs. Contemporary Cohort at a Single Institution
Poster 2	Angela Lang, MD, MSc	Hypothermic Circulatory Arrest is Associated with Increased Risk of Postoperative Delirium
Poster 3	Hitakshi Modi, MPH, PMP	Impact of Obesity on Anesthetic Outcomes in Adults Undergoing Congenital Cardiac Surgery
Poster 4	Tracey Hong, MD, MS	Outcomes in End-Stage Kidney Disease vs Chronic Kidney Disease after Cardiac Surgery: A Population Based Study
Poster 5	Andrew Scott, MD	Association Between Cardiopulmonary Bypass Mediated Hemolysis and Acute Kidney Injury
Poster 6	Kinjal Patel, MD	Pectointercostofascial Plane Blocks with Liposomal Bupivacaine Can Reduce Postoperative Pain After Sternotomy
Poster 7	Lee Goeddel	Mean Perfusion Pressure Better Identifies Intraoperative Cardiovascular Dysfunction Induced Kidney Injury than Mean Perfusion Pressure

KIOSK 8

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

Poster 1	Frank Tavaréz-Mora	Matters of the Heart: Examining Motivating Factors and Unconscious Bias in Adult Cardiothoracic Anesthesiology Fellowship
Poster 2	Ashley Oliver, MD	Trends in Outcomes After Left Heart Catheterization by Race and Region 2012-2019
Poster 3	Richard Gardner	Comparison of Time to Placement of a Double Lumen Endobronchial Tube on a Manikin Utilizing C-MAC® versus GlideScope® versus Macintosh Blade
Poster 4	Trevor Sutton, MD	Racial and Ethnic Disparities in Bystander Treatment and Outcomes for Witnessed Out-of-Hospital Cardiac Arrest in Connecticut
Poster 5	Tiffany Williams, MD, PhD	Association of Language Preference and Race With Post-Lung Transplant Outcomes

SCIENTIFIC PROGRAM ABSTRACTS AND POSTERS

MONDAY, MAY 8, 2023 • 12:30 PM - 1:30 PM

KIOSK 1

Moderator: **Brian Cho, MD**

Poster 1	Gunnar Frahm, BS	Is Factor 7 a Thing of the Past? The Unintended Benefits of Viscoelastic-based Transfusion Guidelines
Poster 2	Jacob Raphael, MD	Comparison of Fibrinogen Concentrate and Cryoprecipitate in Children Undergoing Cardiac Surgery: Preliminary Results of a Pilot Feasibility Trial
Poster 3	Madison Goldberger, MD	A Novel Technique for Bivalirudin Removal After HeartMate3 Insertion
Poster 4	Terrence Feldheim, MD	Timing of FEIBA Administration: When to Pull the Trigger
Poster 5	Rui Terada, MD, PhD	Factor Xa analog (S195A) Reverses the Effect of Factor Xa Inhibitor In Vitro Thrombin and Plasmin Generation
Poster 6	Christian Neira	The Impact of Recombinant Factor VII on Morbi-mortality and Transfusion Outcomes in Adult Cardiac Surgery: A Propensity-Score Matching Analysis.

KIOSK 2

Moderator: **Reed Harvey, MD, MHS**

Poster 1	Kan Zhang, MD	Optimal Settings for Measurement of Vena Contracta Area using Transesophageal 3D Color Doppler Echocardiography
Poster 2	Yifan Bu, MD	Novel Three-Dimensional Printed Human Heart Models and Ultrasound Plane Simulator for Transesophageal Echocardiography Training
Poster 3	Ryan Lefevre, MD	Improving Transthoracic Imaging of the Left Atrial Appendage Using Coded Excitation and Deep Neural Network
Poster 4	Aidan Sharkey, MD	Three-Dimensional Quantification of Left Ventricular Outflow Tract Obstruction Associated with Peak Gradients in Patients with Hypertrophic Obstructive Cardiomyopathy
Poster 5	Rabia Amir, MD	A Novel Intraoperative Approach to Right Ventricular Pressure-Volume Loops
Poster 6	Aidan Sharkey, MD	Geometric Differences of the Tricuspid Annulus Between Regurgitant and Non-Regurgitant Valves Using Automated Tricuspid Valve Quantification Software
Poster 7	John Foster, MD	Transesophageal Echocardiographic Guidance of Apical Cannulation Technique for Stanford Type-A Aortic Dissection

KIOSK 3

Moderator: **Tara Brakke, MD, FASE**

Poster 1	Adam Seibert, MD	Perioperative Management of Incidentally Discovered Syphilitic Aortitis during Cardiac Surgery
Poster 2	Julena Foglia, FRCPC	Good Syndrome Patient for Redo-sternotomy and Ascending Aortic Replacement with Aortic Valve Repair: A Report of a Rare Case
Poster 3	Nika Samadzadeh Tabrizi, BS	Diastolic Left Main Coronary Artery Flow Reversal Due to Severe Aortic Insufficiency
Poster 4	Rafael Cabrales, MD	A Case of Granulomatosis with Polyangiitis with Isolated Aortic Valve Pathology
Poster 5	Jovan George, DO	Percutaneous Closure Of Ruptured Sinus Of Valsalva Aneurysm Via Femoral Approach: A Case Report
Poster 6	Kurosh Takhtehchian, DO	Anesthetic Management of Uncorrected Coarctation of Aorta for Cesarean Section



MONDAY, MAY 8, 2023 • 12:30 PM - 1:30 PM

KIOSK 4

Moderator: Jessica Brodt, MD

Poster 1	Sarah Maximos, MD, MSc	Continuous Erector Spinae Plane Block for Postoperative Analgesia in Aortic Aneurysm Repair Requiring Thoracoabdominal Incision: A Case Report
Poster 2	Erica Snow, MD	The Superficial Parasternal Intercostal Plane Catheter (S-PIP): An Approach To Multimodal, Continuous Analgesia For Post Sternotomy Pain In A Patient Undergoing Cardiac Surgery
Poster 3	Peyman Farhangi Oskuei, MD	A Retrospective Case Series of Opioid-Free Anesthesia Utilizing Regional Anesthesia, Ketamine, and Dexmedetomidine in Patients Undergoing Cardiac Surgery
Poster 4	Regine Goh, MD	Vasoplegia during Heart Transplantation: When Plan (Vitamin) C Becomes Plan A
Poster 5	Shirley Revollo	Intraoperative Fascial Plane Blocks Facilitate Earlier Tracheal Extubation and Intensive Care Unit Discharge After Cardiac Surgery: A Retrospective Cohort Analysis
Poster 6	Sujatha Indrajit, M.B.B.S, DA, DNB, FNB, MNAMS	The Safety and Efficacy of Preoperative Carbohydrate Loading in Diabetic and Non Diabetic Cardiac Surgical Patients
Poster 7	Stephen Frabitore, MD	Reduction of Atrial Fibrillation and Opioid Consumption After the Introduction of an Enhanced Recovery after Cardiac Surgery (ERACS) Program: A Retrospective, Cohort Study

KIOSK 5

Moderator: Choy Lewis, MD

Poster 1	Jiapeng Huang, MD, PhD	Electrocardiographic Parameters are Associated with Inflammatory Markers and Quality of Life Metrics in Long-Term Post COVID-19 Patients
Poster 2	Daneel Patoli, MD	Perioperative Use of Albumin versus Crystalloid Solutions during Thoracic Surgery in the USA
Poster 3	Ah Ran Oh	Changes in Cardiac Index after Mini-fluid Challenge Predict Fluid Responsiveness in Patients with Atrial Fibrillation
Poster 4	Adam Dalia, MD, MBA, FASE	Nighttime VA-ECMO Cannulation is not Associated with Increased 1-year mortality
Poster 5	Leslie Vargas Galvan, MD	Trends in Acid-base Status of Fast-track Cardiac Surgery Patients: A Single Center Experience
Poster 6	Alessandra Cardì, MD	Difficult Airway Responses in Cardiac and Thoracic Post-Surgical Patients: A Cohort Analysis at a Single Tertiary Care Facility
Poster 7	Mireia Pozo Albiol	Quantitative Assessment of Hypertrophic Obstructive Cardiomyopathy with Intraoperative Three-Dimensional Epicardial and Transesophageal Echocardiography

KIOSK 6

Moderator: Joyce Wahr, MD

Poster 1	Reema Meena, MD Anaesthesia	A Study to Compare Dexmedetomidine versus Midazolam for Reduction of Post Cardiac Surgery Delirium- A Randomized Double Blind Study
Poster 2	Khoa Nguyen, DO	Efficacy of Multimodal Pain Protocol in Fast-Track Minimally Invasive Robotic Cardiac Surgery
Poster 3	Lakshmi Nemani, MD, MPH	Enhanced Recovery After Cardiac Surgery Among High Risk Patients: Is It Worth It?
Poster 4	Maria Nanez, MD	Intrathecal Morphine vs. Intraoperative Methadone as part of an Enhanced Recovery After Cardiac Surgery (ERACS) Protocol: A Retrospective, Cohort Study
Poster 5	Maria Wittmann,	Impact of On-table Extubation on Enhanced Recovery After Cardiac Surgery
Poster 6	Manila Singh, MBBS, MD, DESA	Incidence of Postoperative Hypothermia and Extubation Outcomes for Patients Undergoing Cardiac Surgery at an Academic Hospital
Poster 7	Vanessa Wall, MD	Factors Impacting Time to Extubation Post-Aortic Surgery

SCIENTIFIC PROGRAM ABSTRACTS AND POSTERS

MONDAY, MAY 8, 2023 • 12:30 PM - 1:30 PM

KIOSK 7

Moderator: **Jenny Kwak, MD**

Poster 1	Lorraine Lubin, MD	Acute Normovolemic Hemodilution in Complex Cardiac Surgery, A Prospective Randomized Trial
Poster 2	Sujatha Indrajit, M.B.B.S, DA, DNB, FNB, MNAMS	Low Bioelectrical Impedance Phase Angle A Predictor Of Blood Transfusion and Hyperglycemia in Cardiac Surgical Patients
Poster 3	Eric Reed, MD	Overuse of Antithrombin Concentrates for Heparin Resistance
Poster 4	Alice Chae, MD	Intraoperative Red Blood Cell Transfusions, Postoperative Respiratory Complications, and Intensive Care Unit Stay After Cardiac Surgery
Poster 5	Yash Bisen, BA	The Relationship between Risk Factors and Red Blood Cell Transfusion Behaviors in Cardiac Surgical Patients
Poster 6	Yash Bisen, BA	The Relationship between Risk Factors and NonRBC Product Transfusion Behaviors in Cardiac Surgical Patients
Poster 7	Romina Tafreshi, BS	The Role of Thromboelastography (TEG) in Modifying Transfusion Behavior in Complex Surgical Patients

KIOSK 8

Moderator: **Jochen Muehlschlegel, MD, MMSC, MBA, FAHA, FASA**

Poster 1	Ragini Gupta, MD	In OR Extubation After Open On Pump Cardiac Surgery Reduces Risk of Postoperative Atrial Fibrillation
Poster 2	George Gill, MD	Prophylactic Amiodarone Protocol to Prevent Post-operative Atrial Fibrillation After Cardiac Surgery
Poster 3	Albert Lee, MD	An Institutional Comparison of Intraoperative Variables Between Patients Presenting for Heart Transplantation Bridged with Variations of Ventricular Assist Devices
Poster 4	Shara Azad, MD	Correlation Between Heart Transplant Cost and Outcomes
Poster 5	Andre Jacobsen, MD	Pain Trajectories after Bilateral Orthotopic Lung Transplant Surgery Performed via a Clamshell Incision
Poster 6	Marcus Bruce, MD	Days Alive and Out of Hospital Following Heart Transplantation
Poster 7	Ryan Dodge, MD	Hydroxocobalamin Administration for Refractory Vasodilatory Shock in the Intensive Care Unit: A Multicenter Retrospective Observational Study



TUESDAY, MAY 9, 2023 • 12:00 PM - 1:00 PM

KIOSK 1

Moderator: Emily Methangkool, MD, MPH

Poster 1	Mona Hedayat, MD	Correlation of Changes in Mitral Regurgitation Jet Area with Effective Regurgitant Orifice Area
Poster 2	John Bryant, MD	Transesophageal Echocardiography for Cardiac Surgery Patients with Prior Esophagectomies: Insights from A 15-Year Institutional Experience
Poster 3	Ian Worden, MD	Characterizing Transesophageal Echocardiographic Changes in Renal Blood Flow During Cardiopulmonary Bypass
Poster 4	Madelinn Rice, MD	Atherosclerotic Disease of the Descending Aorta Not a Reliable Predictor of Disease Severity in the Ascending and Arch Aorta
Poster 5	Madison Goldberger, MD	Transmitral Gradients After Mitral Valve Repair for Degenerative Disease: Intraoperative vs. Postoperative and Association with Clinical Outcomes
Poster 6	Stephanie Norman, MD	A Passive Educational Tool is Not Sufficient to Improve the Acquisition of a Comprehensive Intraoperative 3D Transesophageal Echocardiography Exam
Poster 7	Koichi Muramatsu	Comparison of Two Near-infrared Spectroscopy in Hemodialysis Patients Undergoing Cardiovascular Surgery

KIOSK 2

Moderator: Daryl Oakes, MD

Poster 1	Hesham Ezz, MD	Aortic Root Rotation: Clinical significance and Transesophageal Echocardiography (TEE) Evaluation.
Poster 2	Abid Fazal, MD	To Cannulate or Not To Cannulate? A Case of Aberrant Flow
Poster 3	Dhruti Diwan, MD	Echocardiographic Assessment and Guidance for Percutaneous Closure of a Complex Atrial Septal Defect
Poster 4	Benjamin Walker, MD	Clinical and Surgical Implication of Mitral Annular Disjunction
Poster 5	Alessandra Cardi, MD	Scimitar Syndrome Status Post Pulmonary Vein Baffle and CABG
Poster 6	Alessandra Cardi, MD	Aorto-Pulmonary Artery Fistula in a patient with Primary Pulmonary Hypertension
Poster 7	Steven Morozowich, D.O., FASE	Thoracic Surgical Resection of Esophageal Mass Aborted When Found to be Intrapericardial with Possible Left Atrial Invasion

KIOSK 3

Moderator: Jessica Spence, MD, PhD

Poster 1	Megan Rolfzen, MD	Association Between Truncal Blocks and Postoperative Pain Scores in Cardiac Surgery - A Retrospective Study
Poster 2	Fernando Sepulveda, MD	Enhanced Recovery After Surgery Protocol and Postoperative Opioid Prescribing After Cardiac Surgery: An Interrupted Time Series Analysis
Poster 3	Natalie Trojanowski, MD	Opioid Sparing Anesthesia in Cardiac Surgical Patients Utilizing Methadone, Ketamine, Regional Anesthesia, and Dexmedetomidine
Poster 4	Rayaan Yunus, BA	Post-operative Pain Management in Cardiac Surgery Patients: Have We Established Best Practice?
Poster 5	Kevin Staggenborg, MD	Effects of Pecto-intercostal Fascial Plane Block on Patients Undergoing Median Sternotomy
Poster 6	Shauna Maty, MD, MPH	The Safety and Efficacy of Robotic Pulmonary Resection without Arterial Line, Urinary Catheter, or Type and Screen

SCIENTIFIC PROGRAM ABSTRACTS AND POSTERS

TUESDAY, MAY 9, 2023 • 12:00 PM - 1:00 PM

KIOSK 4

Moderator: **Hilary Grocott, MD, FRCPC, FASE**

Poster 1	Hluechy Vang, BS	Right Ventricular dP/dt for Assessing Homeometric Right Ventricular Adaptation in Cardiac Surgical Patients: A Clinically Useful Measure of Right Ventricular to Pulmonary Artery Coupling
Poster 2	Hluechy Vang, BS	Predicting Intraoperative Systemic Hypotension: Should All Cardiac Surgical Patients Undergo Preoperative Right Heart Catheterization?
Poster 3	Pattra Mettasittigorn	The Relationship of Point-of-Care Right Ventricular Echocardiographic Indices to Postoperative Hemodynamic Outcomes
Poster 4	Melissa Giraldo Duque, MD	Incidence and Severity of Hypotensive Events During Cardiac Surgery and the Implementation of a Hypotension Prediction Index-based Hemodynamic Management Algorithm
Poster 5	Justine Liang, MD	Arrhythmogenesis in Pulmonary Hypertension Induced Right Ventricular Failure
Poster 6	Matthew Barajas, MD	The Effect of Vasoconstrictors on Peripheral Intravenous Waveform Analysis: A Novel Volume Marker
Poster 7	Hesham Ezz, MD	Pressure-based Estimation of Right Ventricular Systolic and Diastolic Function Using Single-beat Methods

KIOSK 5

Moderator: **Anne Cherry, MD**

Poster 1	Kenneth Schmitt	Anesthetic Management of Parturient with Ebstein Anomaly Palliated with Fontan Procedure
Poster 2	Juan Farina, MD	Genetic Variants in Pharmacogenes in Pectus Excavatum Patients
Poster 3	Janet Shin, Resident Physician	Bedside Transcatheter Patent Ductus Arteriosus Closure for a Critically ill Micropreemie
Poster 4	Melissa Burtoft, MD	Complex Care Coordination for Cardio-Obstetric Patients at a Tertiary Care Campus with Independent Obstetric and Cardiothoracic Surgical Hospitals
Poster 5	Jan Friess, MD	Patterns in Hospital Admissions for Adults with Congenital Heart Disease for Non-Cardiac Procedures
Poster 6	Ashley McNeil, MC	Severe Maternal Morbidity and Mode of Delivery Among Pregnant Patients with Cardiomyopathy or Heart Failure
Poster 7	Reema Meena, MD Anaesthesia	Comparison of Proseal Laryngeal Mask Airway Versus Endotracheal Tube for Ventilator Efficacy and Hemodynamics in Patients Undergoing Beating Heart Coronary Artery Bypass Graft Surgery



TUESDAY, MAY 9, 2023 • 12:00 PM - 1:00 PM

KIOSK 6

Moderator: Nancy Nussmeier, MD

Poster 1	Jiapeng Huang, MD, PhD	Pulmonary Function Tests, Inflammation and Quality-of-Life Measures in Long Term Post COVID-19 Patients
Poster 2	Antonio Hernandez Conte, BS	Retrospective Review of Surgical Site Infections, Complications, and Short- & Long-Term Mortality in Patients with Human Immunodeficiency Virus-1 Undergoing Cardiothoracic Surgery
Poster 3	Steven Eastlack, MD	Predictors of Poor Perfusion and Postoperative Complications in High-Risk Surgeries
Poster 4	Chelsey Santino, MD, MS	Functional Performance and Loss of Independence in Older Patients with Heart Failure with Preserved Ejection Fraction Undergoing Non-Cardiac Surgery
Poster 5	Alexander Beletsky, MD	Predictors of Mortality After Coronary Artery Bypass Graft (CABG)
Poster 6	Nicholas Bastug, DO	When Guidelines No Longer Guide: Improvement of Neurologic Deficits After Lumbar Drain Placement
Poster 7	Vanessa Wall, MD	Factors Impacting Time to Extubation Post-Aortic Surgery

KIOSK 7

Moderator: Vikram Fielding-Singh, MD, JD

Poster 1	Justin Morello, MD	Early Detection and Treatment of Intracardiac Thrombus During Orthotopic Liver Transplantation
Poster 2	Brittany Callegari, DO	Rare But Real: Right-Sided Cardiac Masses
Poster 3	Nicholas Cavanaugh, MD	Initial Experience with the AngioVac System Performed by a Cardiac Surgeon Utilizing Cardiac Anesthesiologist-Led Intraoperative Transesophageal Echocardiography Guidance in a Major Academic Center
Poster 4	Mathias McCormick, MD	Polycythemia Vera and Cardiac Surgery: A Case Series and Review of the Literature
Poster 5	Molly Brazil, MD	Heparin and Hamburgers: How Does Alpha-Gal Syndrome Affect Anesthesiologists?
Poster 6	Alejandra Silva	Evaluation of Activated Clotting Times with a Heparin Reversal Protocol Designed to Conserve Protamine During Drug Shortages: A Retrospective, Cohort Study
Poster 7	Qiaoqing Zhong, MD, PhD	Safety of Perioperative Antithrombotic Therapy in Patients with Moderate or High Thromboembolic Risk Undergoing Lichtenstein Surgery

FELLOW AND RESIDENT PROGRAM

POSTER SESSION 1 • SATURDAY, MAY 6, 2023 • 10:00 AM - 11:00 AM

KIOSK 1

Moderator: **Marisa Hernandez-Morgan, MD, MPP**

Poster 1	Ina Schwartz, MD, MSc	Left Ventricular Epicardial Lead Placement for Cardiac Resynchronization Therapy in the Absence of Right Superior Vena Cava and Persistent Left Superior Vena Cava
Poster 2	Cesar Perozo, MD	Ruptured Aortic Root Abscess Causing Aorto-Left Atrium Fistula due to Bioprosthetic Aortic Valve Infective Endocarditis.
Poster 3	Afif Kraitem, MD	VAV ECMO for Sickle Cell Patient with Acute Chest Syndrome
Poster 4	Alexander Rodriguez, MD	Difficult Intubation Complicated By Flash Pulmonary Edema During Cardiac Surgery
Poster 5	Justin Walker, MD	Maintaining a Bloodless Field: Splicing an RVAD Outflow Cannula to the CPB Venous Reservoir for LV Emptying
Poster 6	William Kang, MD	Fulminant Reversible Fatty Infiltration Of Left Ventricular Myocardium As Early Graft Failure After Heart Transplantation
Poster 7	Gem Manalo	A Turbulent Course After Pulmonary Thromboendarterectomy for Chronic Thromboembolic Pulmonary Hypertension
Poster 8	Derek Bradley, MD	Intraoperative Management of Stanford Type A Aortic Dissection Repair Following Tenecteplase Administration For Acute Stroke

KIOSK 2

Moderator: **Ravi Joshi, MD, FASE, MS**

Poster 1	Valerie Verdun, MD	Management of Scimitar Syndrome
Poster 2	Katherine Sun, MD	A Successful Case of Simultaneous Heart and Liver Transplantation with TransMedics
Poster 3	Klint Smart, MD	Anesthetic and Surgical Technique to Repair an Acute Type A Dissection complicated by Severe Aortic Regurgitation in a Patient with an LVAD
Poster 4	Rodney Chen, MD	Intraoperative Thrombosis of a Left Ventricular Assist Device (LVAD) Outflow Graft in the Setting of Factor V Leiden
Poster 5	Gabriel Crocker, MD	TEE to the Rescue: A Case of Symptomatic Right Atrial Compression
Poster 6	Jamie LaGrandeur, MD	Use of Transesophageal Echocardiography with MitraClipTM and Tricuspid Clip Placement in a Patient with History of Esophagectomy
Poster 7	Blerina Asllanaj, MD	Acute Partial Papillary Muscle Rupture as a Rare Complication Following Non-ST Elevation Myocardial Infarction
Poster 8	Bo Sokhom, MD	Post-myocardial Infarction Ventricular Septal Defect Requiring Veno-Arterial Extracorporeal Membrane Oxygenation

KIOSK 3

Moderator: **Dennis Thiel, MD**

Poster 1	Jillian Olmscheid, DO	3D Modeling of a Pulmonary Artery Catheter in the Coronary Sinus: A Rare Case of Persistent Left Superior Vena Cava and Atriac Right Superior Vena Cava
Poster 2	Logan Gray	Subacute Stent Thrombosis in a Patient Undergoing Single Vessel Coronary Artery Bypass Grafting: A Clinical Dilemma
Poster 3	Will Kogel, DO	Giant Coronary Artery Aneurysm - An Unusual Presentation of Coronary Artery Disease
Poster 4	Chris Kelsheimer, MD	Periaortic Abscess
Poster 5	Bryan Chow, MD	Cardiac Transplantation for Adult Kawasaki Disease
Poster 6	Nicholas Flores-Conner, MD	When Hypoxia Coexists with Aortic Dissection: Decision Making in the Critically-Ill
Poster 7	Jin Min Han, MD	Extracorporeal Membrane Oxygenation and Impella for Cardiogenic Shock from Post-Infarction Ventricular Septal Rupture
Poster 8	Amy Hershberger, MD	Endometrial Stromal Tumor with Inferior Vena Cava Tumor Thrombus Extending to the Pulmonary Arteries



POSTER SESSION 1 • SATURDAY, MAY 6, 2023 • 10:00 AM - 11:00 AM

KIOSK 4

Moderator: **Alan Smeltz, MD**

Poster 1	Harjot Singh, MD	Replacement of a Bicuspid Aortic Valve Associated with Accessory Mitral Valve Tissue: The Role of Intraoperative Echocardiography on Surgical Decision-Making
Poster 2	Kyle Petty, MD	The Use of Transesophageal Echocardiography to Guide Mechanical Circulatory Support in the Trauma Patient
Poster 3	Sherman Yu	Which to Operate on First: The Heart or Carotids? Or Both at the Same Time?
Poster 4	John Fahy, MD	Crashed On Bypass, Now What? Diagnosis And Management Of Intraoperative Harlequin Syndrome
Poster 5	Kate Frost, MD	Levoatriocardial Vein, an Unexpected Source of a Right-to-Left Shunt
Poster 6	Rami Soufan, DO	Aorto-Mitral Curtain Reconstruction With Dual Mechanical Valve Replacement Complicated by Loss Of Domain
Poster 7	Nazia Siddiqui, MD	Management of Anticoagulation for Cardiopulmonary Bypass in a Patient with Catastrophic Antiphospholipid Syndrome
Poster 8	Nazia Siddiqui, MD	Predicting Right Ventricular Failure in the Setting of Pre-Existing Left Ventricular Assist Device

KIOSK 5

Moderator: **Jared Feinman, MD**

Poster 1	Jin Min, DO	QLead Extraction in a Patient with Systemic Symptomatic Lupus, Superior Vena Cava Syndrome and Symptomatic Heart Block
Poster 2	Vivian Doan, MD	Don't Go Pacing My Heart
Poster 3	Rahul Thandla, MD	Near-occlusive Thrombus in the Descending Aorta: A Rare Complication of Venoarterial Extracorporeal Membrane Oxygen in Combination with Impella® Support in a Patient with Cardiogenic Shock
Poster 4	Elise Clemens, MD	Massive Mediastinal Mass With Severe Airway And Vascular Compression: Prepare For The Worst, Expect The Best
Poster 5	William Rallya, MD	Hypothermic Fibrillatory Arrest During Robotic Redo Mitral Valve Replacement
Poster 6	Joel Warfel, MD	Aorto-Left Atrial Fistula Following Prosthetic Valve Endocarditis
Poster 7	Kassia Biddle, MD	Critical Stenosis From A Distal Aortic Arch Thrombus
Poster 8	Premal Desai, MD	Left Circumflex Injury Following Re-do Mitral Valve Replacement Requiring Extracorporeal Membrane Oxygenation (ECMO) and Percutaneous Coronary Intervention (PCI)

KIOSK 6

Moderator: **Aldis Siltumens, MD**

Poster 1	Nina Patel, MD	Repair of a Ventricular Septal Defect
Poster 2	Sallyan Rusnak, MD	Point of Care ultrasound (POCUS) in Hemodynamic management and VA ECMO weaning in a patient with Massive Pulmonary Embolism.
Poster 3	Nathan Vinzant, MD	Crashing from the Cath Lab: Anesthetic Management of an ST-Elevation Myocardial Infarction Complicated by Acute Spontaneous Left Ventricle Free Wall Rupture
Poster 4	Harry Wanar, MD	Echocardiographic Evaluation of Aortic Insufficiency in a Patient Undergoing Durable LVAD Implantation Requiring Preoperative Transvalvular Ventricular Support
Poster 5	Jason Boyle, MD	Successful Management of a Patient with History of Cold Agglutinins Undergoing Hemiarach Replacement Under Deep Hypothermic Circulatory Arrest
Poster 6	Akaash Sheth, MD	Moyamoya Disease, Cor Triatriatum, and Cardiopulmonary Bypass: A Case Report
Poster 7	Tarun Ahuja, DO	Aortic Root Replacement Complicated by Severe Mitral Valve Regurgitation
Poster 8	Stuart Sacks, MD	Atrial Fibrillation in Radiation Heart Disease: A Barrier in Weaning from VA ECMO

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FELLOW AND RESIDENT PROGRAM

POSTER SESSION 1 • SATURDAY, MAY 6, 2023 • 10:00 AM - 11:00 AM

KIOSK 7

Moderator: **Kristzina Escallier, MD**

Poster 1	Daniella Ohnemus, MD	Transesophageal Echocardiography Guided Endovascular Management of Impending Paradoxical Embolism
Poster 2	Tatsiana Kryvitskaya, MD	Unexpected Severe Aortic Valve Regurgitation Post Routine Mitral Valve Replacement
Poster 3	Kevin Park, MD	Percutaneous Balloon Mitral Valvuloplasty Resulting in Cardiogenic Shock
Poster 4	Albin Vleck, MD	Management of Pulmonary Artery Thrombo-Endarterectomy in Patient with Supra-Systemic Pulmonary Artery Pressures
Poster 5	William Parrella-O'Donnell, DO	Ascending Aortic Thrombus Presenting as an Acute Abdomen
Poster 6	Liem Nguyen, DO	False Positive Result in Definitive Radiographic Diagnosis of Acute Stanford Type A Aortic Dissection
Poster 7	Daniel Limb, MD	Lost MEPs After Proximal Clamp During an Extent II Thoracoabdominal Aneurysm (TAAA-II) Repair
Poster 8	Mike Yamakawa, MD	Acute Type A Aortic Dissection Repair Complicated by Systolic Anterior Motion of the Mitral Valve

KIOSK 8

Moderator: **Louis Saddic, MD**

Poster 1	Maria Gorneva, MD	Embracing the Future: Anesthetic Management of Mitral Valve Repair Using Novel HARPOON Procedure
Poster 2	Jae Hyun Ham, DO	Acute Intracardiac Thrombosis after Cardiopulmonary Bypass in a Thoracoabdominal Aortic Aneurysm Repair
Poster 3	Patricia Guan, MD	Amplatzer Amulet Device Dislodgement
Poster 4	Jaimi Philip, MD	Avoiding Perioperative Catastrophes; The Role of PoCUS: A Case Report
Poster 5	Tejaswi Marri, MD	Pulmonary Flash Flood After Orthotopic Heart Transplant in Recently Recovered COVID-19 Patient
Poster 6	Brian Engle, MD MPH	Impella Use for Post-Cardiotomy Shock Following Ross Procedure
Poster 7	Brett Wester, Resident	Anesthetic Management of Floating Right Atrial Thrombus
Poster 8	Miguel Carpio, MD	Abdominal Aortic Transection in Transcatheter Aortic Valve Replacement

KIOSK 9

Moderator: **Jessica Hathaway, MD**

Poster 1	Lee-Wei Kao, MD	An Unexpected Echogenicity Masquerading as a Mass in the Ascending Aorta Post-Aortic Root Replacement
Poster 2	Nicholas Cavanaugh, DO	Superior Vena Cava Syndrome Following Commando Procedure: A Case Report
Poster 3	Michael Schultz, DO	Complex Airway Obstruction Requiring Elective Veno-Venous Extracorporeal Membrane Oxygenation
Poster 4	Andrew Resnick, MD	Aortic Angioplasty Iatrogenesis: Tale of the Aorto-Atrial Fistula
Poster 5	Terrance Nowell, MD	Aortic and Mitral Valve Pathology in a Patient Presenting for Septal Myectomy
Poster 6	Megan Rolfzen, MD	Artificial Aortic Dissection in Pregnancy: A Case Report
Poster 7	Travis Bailey, MD	Cardiac Surgery in the Setting of Recent Leadless Pacemaker Implantation
Poster 8	Charles McLendon	Retained Anterior Mitral Valve Leaflet After Mitral Valve Replacement Causing Severe Paravalvular Regurgitation



POSTER SESSION 1 • SATURDAY, MAY 6, 2023 • 10:00 AM - 11:00 AM

KIOSK 10

Moderator: **Shanna Hill, MD**

Poster 1	Caroline Haynes, DO	To ECPella and Beyond: Hemorrhage, Intracardiac Air and Ventricular Fibrillation During Trans-Axillary Impella Cannulation for Cardiogenic Shock
Poster 2	Bradley Eichhorn, MD	Malignant hyperthermia exacerbation in cardiac surgery - treatment and role of cardiopulmonary bypass in successful outcome
Poster 3	Dinesh Parmar, Doctor of Medicine	Intra-Aortic Balloon Pump Causing Worsening Of Dynamic Left Ventricular Outflow Obstruction
Poster 4	Jay Saggu, DMD, MD	Critical Coagulopathy and Challenging Vascular Access in End-stage Renal Disease Patient Undergoing Cardiac Surgery
Poster 5	Adrian Yabut, DO	Coronary Artery Bypass Graft Surgery for Spontaneous Coronary Artery Dissection in Early Pregnancy: Medical and Ethical Decision-Making Issues
Poster 6	Zachary Drennen, DO	Pulmonary Thromboendarterectomy in a Patient Following Orthotopic Heart Transplant
Poster 7	Anna Reichardt, MD	Multi-modal Echocardiography for Valve-sparing Pulmonary Artery Aneurysm Repair Surgery
Poster 8	Chung-Jen Chen, MD	Management of Spontaneous Coronary Artery Dissection in a Post-Partum Patient with KVAD

KIOSK 11

Moderator: **Prakash Patel, MD, FASE**

Poster 1	Anna-Maria Eid, MD	CABG vs Transplant for a Young Patient with Giant Coronary Artery Aneurysms
Poster 2	Matthew Spallita, MD	Takotsubo Cardiomyopathy after Mitraclip Procedure Complicated by Vascular Trauma and Hemorrhagic Shock
Poster 3	Nabil Thalji, MD, PhD	Left Coronary Artery Reimplantation for Repair of Anomalous Origin of the Left Coronary Artery from the Pulmonary Artery in an Adult
Poster 4	Alex Olausson	Spinal Anesthesia as the Answer for HOCM: A Case Report of Neuraxial Anesthesia for Cerclage Placement in the Setting of Severe Hypertrophic Obstructive Cardiomyopathy
Poster 5	Matthew Blanchard	Closure of Left Atrial Perforation with Amplatzer Device
Poster 6	Christopher Scheiber, MD	Constrictive Pericarditis Requiring Pericardiectomy: A COVID-19 Sequela?
Poster 7	Terrence Feldheim, MD	Giant Right Coronary Artery Aneurysm to Coronary Sinus Fistula
Poster 8	Eric Reed, MD	Giant Right Atrial Myxoma

KIOSK 12

Moderator: **Yong Peng, MD**

Poster 1	Rabia Amir, MD	Transcatheter extraction of a migrated Watchman device
Poster 2	Lucus Luong, DO	Mechanical Circulatory Support In Peripartum Cardiomyopathy For Cesarean Delivery And Bridge To Transplant
Poster 3	Victor Gonzalez, MD	VA ECMO To The Rescue When Impella Failed In A Pregnant Patient With COVID-19 Undergoing Emergency Surgery
Poster 4	Yousif Makadsi, MD	Challenging Intubation in Severe Pulmonary Hypertension Patient Undergoing Lung Transplantation
Poster 5	Yousif Makadsi, MD	Intra-aortic Balloon Pump Malposition Leading To Significant Hyperlactatemia In A Post-cardiac Surgical Patient
Poster 6	Miriam Mokhtar, MD	Case of Sapien Valve Rotation Requiring Surgical Correction
Poster 7	Jon Lucaj, MD	Peripartum Cardiogenic Shock in Pregnancy Complicated by Aortic Regurgitation Secondary to Endocarditis Followed by Salvage TAVR Procedure
Poster 8	Anna Ray, MD	Refractory Carcinoid Crisis: When Conventional Treatment Fails

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FELLOW AND RESIDENT PROGRAM

POSTER SESSION 1 • SATURDAY, MAY 6, 2023 • 10:00 AM - 11:00 AM

KIOSK 13

Moderator: **Tao Shen, MD**

Poster 1	Daniela Havens-Lastarria, MD	Emergent Cesarean Section in a Patient on Veno-venous ECMO
Poster 2	Sean Randazzo, MD	Anticoagulation Failure: Intra-Op Discovery of Acute Pulmonary Artery Thrombus in Severe Mitral Regurgitation
Poster 3	Madison Goldberger, MD	Bioprosthetic Valve Stenosis and Regurgitation In Carcinoid Heart Disease: Is Carcinoid Again The Culprit?
Poster 4	Husam Alghanem, MD	Severe Constrictive Pericarditis Secondary to Mesothelioma Requiring Pericardiectomy
Poster 5	Cody Koress, MD	Airway Management for Bilateral Lung Transplantation in a Patient With Tracheobronchomegaly or Mounier-Kuhn Syndrome
Poster 6	Allan Migirov, DO	Pacemaker Failure Causing Postoperative Cardiac Arrest in a Patient with Shone's Complex
Poster 7	Scott Witzeling, DO	Left Atrial Mass Causing Severe Dynamic Outflow Obstruction of the Mitral Valve
Poster 8	Aarthi Reddy, MD	Resection of Metastatic Adrenocortical Carcinoma with Tumor Extension to the Inferior Vena Cava and Involving the Inferior Vena Cava/Right Atrium Junction

KIOSK 14

Moderator: **Vikram Fielding Singh, MD**

Poster 1	Kayla Robinson, MD	Trans-carotid Access: A Favorable Alternate Approach to Transcatheter Aortic Valve Repair
Poster 2	Maria Betances Fernandez, MD	HeartMate 3 Insertion in an Adult with Fontan Circulation and Univentricular Failure
Poster 3	Maria Betances Fernandez, MD	Tricuspid Valve replacement, Right Atrial MAZE, and Left Atrial Appendage Ligation in an Adult Patient with Ebstein's Anomaly
Poster 4	Sarah Boden, MD PharmD	Debate In Pre-Op Clinic: Congenital Atrial Septal Aneurysm Causing Dynamic Right Heart Inflow Obstruction
Poster 5	Chung-Jen Chen, MD	Persistent Mitral Regurgitation in Young Patient After Mitral Valve Repair: How to Avoid a Mechanical Valve
Poster 6	Chung-Jen Chen, MD	Management of Spontaneous Coronary Artery Dissection in a Post-Partum Patient with KVAD
Poster 7	Victoria Nguyen, MD	Rhabdomyosarcoma Causing Left Ventricular Outflow Tract Obstruction

KIOSK 15

Moderator: **Rochard Thalappillil, MD**

Poster 1	Gabriella Rollo, MD	VA ECMO for Bilateral Sequential Double Lung Transplant in a Patient with Severe Pulmonary Hypertension
Poster 2	Sanchit Ahuja, MD	Intraoperative TEE Guided Multiple Nail Extraction After Pneumatically-driven Gunshots in the Chest
Poster 3	Christopher Tenorio, MD	Cardiac Transplantation Under TIVA in a Patient with Limb Girdle Muscular Dystrophy
Poster 4	Anthony Schramm, MD	Management of End-Stage Idiopathic Pulmonary Arterial Hypertension with Atrial Septostomy as a Bridging Therapy: Anesthetic and Critical Care Considerations
Poster 5	James Dougherty, MD	Perioperative Considerations and a Rare Post-Operative Complication in a Patient with Achondroplasia, Pulmonary Hypertension and Multivalvular Stenosis Undergoing Complex Cardiac Surgery
Poster 6	Krishna Bhat, MD	Apico-Aortic Conduit Complicated By Graft Compression
Poster 7	Mario Pimentel, MD	Fast Car, New Tires, and Pedal to the Metal: Diagnosis and Management of Dynamic Left Ventricular Outflow Obstruction Following Aortic Valve Replacement



POSTER SESSION 1 • SATURDAY, MAY 6, 2023 • 10:00 AM - 11:00 AM

KIOSK 16

Moderator: **Ben Makkad, MD**

Poster 1	Matthew Graves, MD	Case of Severe Delayed Protamine Reaction Necessitating Temporary Mechanical Circulatory Support
Poster 2	Steven Herber, MD	Priority: Liver Transplant, Cardiac Surgery, or Both
Poster 3	Zil Patel, DO	Incidental Finding of Left Ventricular Noncompaction Cardiomyopathy in Patient Undergoing Pacemaker Implantation
Poster 4	Sajen Alexander, DO	Anesthetic Management During Resection of Retroperitoneal Leiomyosarcoma with Extension into Inferior Vena Cava and Atrium Under Cardiopulmonary Bypass
Poster 5	Yen-Yen Gee, MD	Acute Type A Aortic Dissection and Malperfusion Syndromes
Poster 6	San Yoon, MD	Persistent Hypotension After TAVR
Poster 7	Steven Morozowich, DO, FASE	Esophageal Mass Found to be Intrapericardial During Thoracic Surgery: A Case Report of Primary Intrapericardial Paraganglioma

KIOSK 17

Moderator: **Ran Venkataramani, MD**

Poster 1	Sarah Kasi, MD	A Case Report of an Unknown Pregnancy Plus Peripartum Cardiomyopathy: A Precarious Pair
Poster 2	Andrew Maslow, MD	Patient with Severe Lung Disease Presenting for Aortic Valve Replacement
Poster 3	Lindsay Nowak, MD	Non-compaction Cardiomyopathy Incidentally Discovered During Urgent Left Ventricular Assist Device Placement
Poster 4	Jungbin Choi, MD	Left Ventricular Assist Devices are the New 'Hip' Thing
Poster 5	Andres Laserna, MD	Anesthetic Considerations for the Pulmonary Autograft Surgery: Case Report and Literature Review
Poster 6	Nicholas Waler, MD	Revisited: Ethical Considerations in Emergent Aortic Dissection
Poster 7	Brody Wiles, MD	Orthotopic Heart Transplantation in a Patient with MELAS Syndrome

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FELLOW AND RESIDENT PROGRAM

POSTER SESSION 2 • SATURDAY, MAY 6, 2023 • 11:00 AM - 12:00 PM

KIOSK 1

Moderator: **Dan McDonald, MD**

Poster 1	Jaclyn Yeung, DO	VA ECMO for Propofol Infusion Syndrome in a Patient with Super Refractory Status Epilepticus
Poster 2	Natalie Rea, MD	Percutaneous Placement of the Novel Edwards SAPIEN 3 Transcatheter Pulmonary Valve System with Alterra Adaptive Prestent in a Patient with Non-Ischemic Cardiomyopathy Requiring BIVAD Support
Poster 3	Seungwon Choi, MD	Valve Dislodgement During Transcatheter Aortic Valve Replacement Causing Left Ventricular Assist Device Inflow Obstruction
Poster 4	Michael Bethel, MD	Malignant Hyperthermia during Veno-Arterial Extracorporeal Membrane Oxygenation (VA ECMO) Decannulation
Poster 5	Alexander Kokini, MD	Left Ventricular Thrombus Under Posterior Mitral Valve Leaflet After MitraClip Implantation
Poster 6	James Ennen, MD, MPH	Double Lung Transplant following MitraClip™
Poster 7	Nathan Leone, MD	Aortic Root Pseudoaneurysm and Acquired Occult Gerbode Defect As a Result of Gonococcal Endocarditis
Poster 8	Theodor Danciu, MD	Complex Multidisciplinary Management of Patient with COVID Acute Respiratory Distress Syndrome (ARDS) Requiring Oxygenated Right Ventricular Assist Device (RVAD)

KIOSK 2

Moderator: **Bessie Kachulis, MD**

Poster 1	Carolyn LoBue, MD	Perioperative Considerations for Alpha-gal Syndrome
Poster 2	Shika Card, MD	A Not So Benign Cardiac Mass: Anesthetic Considerations in a Patient with a Large Right Atrial Myxoma
Poster 3	Ying An Chen, MD	Incidental finding of atrial septal defect on intraoperative transesophageal echocardiography in a patient undergoing placement of left ventricular assist device
Poster 4	Tyler Beattie, MD	Perioperative Management Of Acute Takotsubo Cardiomyopathy In Setting Of Recurrent Respiratory Papillomatosis
Poster 5	Anne Hermon, MD	Strategic Peripheral VVA ECMO Rescue for Refractory VV ECMO Hypoxemia in the Setting of Bicaval Stenosis
Poster 6	Matthew Frakes	Surgical Intervention for Anomalous Right Coronary Artery from Left Sinus of Valsalva
Poster 7	James Bourgeois, MD	Aortic Dissection Following Left Ventricular Assist Device Removal
Poster 8	John Inouye, MD	Rheumatic Mitral Stenosis Repair with a Large Mobile Left Atrial Appendage Thrombus

KIOSK 3

Moderator: **Adam Milam, MD**

Poster 1	EJ Collins, MD	A Challenging Echo for a Challenging Surgery – Open Pulmonary Valve Replacement in a Fourth Time Redo Sternotomy
Poster 2	Scott Heller, MD	Mediastinal Mass with Left Pulmonary Artery Compression and Tamponade Physiology
Poster 3	David Preston, DO	A Case of Simultaneous Impella 5.5 Device Exchange
Poster 4	Ram Matsa, MD	Subacute Presentation of Aortic Valve Endocarditis with Aorto-Mitral Curtain Abscess
Poster 5	Gyan Das, MD	Circuitous Circulation: Partial Anomalous Pulmonary Venous Return Through a Vertical Vein
Poster 6	Alexander Kosiak, MD	Surgery Sparing Echocardiography: Application of 3D Echocardiography in Delineating Abnormal Aortic Valve Anatomy that Changed Surgical Management
Poster 7	Patricia Kim, MD	Mechanical Thrombectomy of Blunt Trauma Induced Right Atrial Thrombus in Setting of Patent Foramen Ovale Under Transesophageal Echo Guidance
Poster 8	Adam Lepkowsky, MD	Intraoperative TEE Guided Revision of a Valve Sparing Aortic Root Replacement



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KIOSK 4

Moderator: **Abirami Kumaresan, MD**

Poster 1	Victoria Teveris, MD	Survival from Toxic Ingestion of Sodium Fluoride Using V-A ECMO
Poster 2	Masahiro Morinaga, Anesthesiologist	Anesthetic Management of Superficial Temporal Artery to Middle Cerebral Artery Bypass Surgery for Moyamoya Disease in a Patient with Severe Tricuspid Regurgitation Due to Ebstein's Anomaly
Poster 3	Anthony Barrios, MD	Under Pressure – Management of Cardiac Tamponade in the Perioperative Period
Poster 4	Madelinn Rice, MD	Not Always as it Seems: Intraoperative Discovery of Subaortic Membrane
Poster 5	Jason Muelleck, MD	Anesthetic Management For A Massive Ascending Aortic And Aortic Arch Aneurysm With A Chronic Type A Dissection
Poster 6	Paden Karnes, MD	Catastrophic Intracardiac Thrombus in a Patient with Disseminated Intravascular Coagulation Supported on Central VA ECMO Post Acute Type A Dissection Repair
Poster 7	Travis Barker, MD	Inhaled Nitric Oxide Confounding an Extracorporeal Membrane Oxygenation Ramp Study
Poster 8	Sean Senozan, MD	Two Paths Diverge: The Controversy of Heparin Reversal in Disseminated Intravascular Coagulation During Cardiac Surgery

KIOSK 5

Moderator: **Jenni Ngai, MD**

Poster 1	Ziyan Song, MD	Percutaneous Aspiration and Debulking of Mechanical Mitral Valve Thrombus
Poster 2	Jon Handy, MD	Postoperative Hypoxemia Related To Right to Left Shunt through a Patent Foramen Ovale Following Aortic Valve Replacement
Poster 3	Jereen Kwong, MD	An Unusual Roadblock During Lung Transplantation – Transesophageal Echocardiogram to the Rescue
Poster 4	Pamela Benavidez, MD	From Radical Nephrectomy to Pulmonary Artery Thrombectomy: Unplanned Cardiopulmonary Bypass in the Setting of Inferior Vena Cava Thrombus Embolization
Poster 5	Ronald Nowak, MD	Postoperative Hemorrhage After Left Ventricular Assist Device Placement Secondary To Factor VII Deficiency
Poster 6	Benjamin Becker, DO	Anesthetic Management for Re-do Aortic Valve Replacement in a 16-week Parturient
Poster 7	Avanti Suresh, MD	Fire In The Hole! : A Case Of Intraoperative Fire Originating in the Thoracic Cavity
Poster 8	Joseph AbuRahma	From Cutaneous to Cardiac – Metastatic Melanoma Presenting as a Ventricular Arrhythmia

KIOSK 6

Moderator: **Bhoumesh Patel, MD**

Poster 1	Andy Liu, MD	Left Atrial Resection and Pneumonectomy in a Patient with Recurrent Primary Cardiac Intimal Sarcoma
Poster 2	Mark Meisarah, MD	Post-Repair Diagnosis Of Aortic Root Abscess To Left Ventricular Outflow Tract Fistula Using Transesophageal Echocardiography
Poster 3	Kyle Farrell, MD	Pectoral Plane Blocks (PECS I & II) for Pacemaker Placement in a Patient with Amyloidosis Associated Conduction Disease and Severe Macroglossia
Poster 4	Lauren Berrol, MD	Role of Cardiac Anesthesiology in Impella Bridge To Recovery™ (BTR) Supported Ventricular Tachycardia Ablation
Poster 5	Joseph Williams	Complex Patent Foramen Ovale Management in the Setting of Stroke, Heavy Thrombus Burden and Right Ventricular Failure
Poster 6	Tyler Abarca, MD	Management of Left Atrial Free Ball Thrombus in Poor Surgical Candidates
Poster 7	Sena Chun, MD	Severe Bronchospasm Coming Off Cardiopulmonary Bypass
Poster 8	William Binder, MD, PharmD	Carcinoid Heart Disease: Anesthetic Considerations for Percutaneous Pulmonary Valve Insertion

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KIOSK 7

Moderator: **Ellen Richter, MD**

Poster 1	Blair Segsworth, MD	Management of Aortic Dissection in the Setting of Myxedema Coma
Poster 2	Kyle Gashler, MD	Management of Pulmonary Hypertension and Difficult Airway in a Patient Undergoing Radical Nephrectomy for Renal Cell Carcinoma
Poster 3	Ian McGrath, Physician	Dynamic Left Main Occlusion After Composite Root Replacement and Hemiarth
Poster 4	Jacqueline Sohn, DO	Emergent Redo-Surgical Aortic Valve Replacement after Transcatheter Aortic Valve Replacement in a Patient with TandemHeart®
Poster 5	Kyle Ferguson, MD	Severe Tricuspid Regurgitation Secondary to Traumatic Anterior Papillary Muscle Rupture
Poster 6	Jeffrey Yu, MD	Endocarditis Repair Unmasking Acquired Gerbode Defect
Poster 7	Selina Singh, MD	Cesarean Section in a Patient with Eisenmenger's Syndrome, Severe Preeclampsia and Incidental Covid
Poster 8	Ravie Abozaid, MD	Expecting the Unexpected: A Surprise Communication Identified with Intraoperative Transesophageal Echocardiography During Cardiac Surgery

KIOSK 8

Moderator: **Vaibhav Bora, MD**

Poster 1	Karan Sethi, MD, MBA	Systolic Anterior Motion Following Minimally Invasive Mitral Valve Repair in a Low-Risk Patient
Poster 2	Patrick quade, MD	Heartmate 6: A Case of Two Heartmate III's Used for Biventricular Support
Poster 3	Roxanne Favis, DO	Noncompaction Cardiomyopathy: A Rare Cause of Biventricular Failure
Poster 4	Alex Horowitz, DO	A Bullet to the Heart: Off-cardiopulmonary Bypass Right Ventriculotomy for Foreign Body Removal Following an Abdominal Gun Shot Wound
Poster 5	Jeffrey Friedman, MD, MSE	A Case of Intraoperative Stress Cardiomyopathy in the Setting of Thoracoabdominal Aortic Aneurysm Repair
Poster 6	Jon Treen, D.O.	Odontoid Fracture in Patient with Severe Aortic Stenosis
Poster 7	Jeffrey Green, MD	Acute Decompensated Aortic Stenosis and Cardiogenic Shock with Multisystem Organ Failure - Salvage with Mechanical Circulatory Support and Multiple Percutaneous Interventions
Poster 8	Hayk Manuk-Hakobyan, MD	Knotted Pulmonary Artery Catheter Requiring Surgical Cutdown: A Rare Complication

KIOSK 9

Moderator: **Dennis Thiel, MD**

Poster 1	Elizabeth Schueth, MD, MPH	Repair of Partial Atrioventricular Canal Defect in an Adult Patient
Poster 2	Emma Boslet, MD	ECMO Used for Bridging to Radiation and Debulking Therapy in Patient with Mediastinal Mass
Poster 3	Omar Qayum, MD	Anesthetic Management of Pulmonary Artery Intimal Sarcoma Resection in a Patient with Severe Pulmonary Hypertension and Right Heart Dysfunction
Poster 4	Arun Saxena, MD	Giant Left Anterior Descending Coronary Artery Aneurysm
Poster 5	Cynthia Iradukubda, MBCHB	Pulmonary Artery and Brachiocephalic Vein Perforations following Left Subclavian Vein Access for HD placement in a Redo Sternotomy for Aortic root Disruption and Mediastinitis - A Rare Complication.
Poster 6	James Paul, MD	Ascending Aorta and Hemiarth Replacement after Embolized Transcatheter Aortic Valve Prosthesis
Poster 7	Jaime McGrath, DO	Echocardiographic Diagnosis of TAVR-related ACS
Poster 8	River Black	Peri-operative Management of a Patient with α -gal Anaphylaxis Requiring Heparinization for Cardiopulmonary Bypass



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KIOSK 10

Moderator: **Nelson Thaemert, MD**

Poster 1	Lauren Everett, MD	Aortic Valve Repair on the Cusp of Diagnosis: Nonbacterial Endocarditis Versus Culture Negative Infective Endocarditis
Poster 2	Lauren Everett, MD	Dissection in Disguise: Dynamic Right Coronary Artery Occlusion Due to Acute Type A Aortic Dissection
Poster 3	Benjamin McGlothlin, MD	Carbon Dioxide Embolism During Vein Harvesting Resulting in Emergent Cardiopulmonary Bypass Initiation
Poster 4	Benjamin Mori, MD	The Importance of Intraoperative Echocardiography to Surgical Planning: Commando Turned Konno.
Poster 5	Jessica Chou, MD	Third Valve's the Charm: Ongoing Coronary Occlusion after Transcatheter Aortic Valve Embolization and Rescue Surgical Aortic Valve Replacement Requiring Redo Surgery
Poster 6	Matthew Roi, MD	Anesthetic Management of a TAVR Valve Embolization
Poster 7	Ryan Valk, MD	Differentiating Recurrent Cardiac Myxoma Versus Thrombus on Transesophageal Echocardiogram During Left Ventricular Assist Device Placement
Poster 8	Fallon France, MD	Patient-prosthesis Mismatch in Pregnancy: A Multi-disciplinary Approach to a Successful Delivery

KIOSK 11

Moderator: **Amanda Kleiman, MD**

Poster 1	Christine Choi, MD	Intraoperative Hemodynamic Management after Atrioventricular Groove Disruption During Mitral Valve Replacement Surgery
Poster 2	Andrew Nguyen, MD	Hold The Door: Percutaneous PFO Closures May Not Be Enough to Prevent Occult Left-sided Valvular Manifestations of Carcinoid Syndrome
Poster 3	Mark Hotchkiss, DO	Percutaneous Mitral Valve Implantation following a Failed Mitraclip in a Jehovah's Witness Patient with Percutaneous OxyRVAD Support
Poster 4	Faryal Ahmad, MD	Pulmonary Arterial Hemorrhage During Aspiration Thrombectomy Requiring Fluoroscopic Lung Isolation
Poster 5	Leilani Sampang, MD	Emergent Management of a Patient on Veno-Venous ECMO with a Cracked Dual Lumen Venous Access Catheter: A Case Report
Poster 6	Gilles Dongmo	From the Frying Pan into the Fire: Anthracycline Chemotherapy Causing Cardiomyopathy requiring LVAD Placement.
Poster 7	Taha Abdul Rehman, MD	Trans thoracic Echocardiogram 'A Weapon of Choice' for Weaning from Veno Atrial-ECMO
Poster 8	Ioana Rus, MD PhD	Excision of Phlegmon from Aorto-Mitral Continuity in Patient with Bicuspid Aortic Valve

KIOSK 12

Moderator: **Alessia Pedoto, MD, FASA**

Poster 1	Benjamin Walker, MD	Mitral Annular Disjunction in a Young Male
Poster 2	Anna-Maria Eid, MD	The Importance of Transesophageal Echo Guidance in the Management of Radical Nephrectomy with IVC Thrombus
Poster 3	Dhruti Diwan, MD	Emergency Left Stellate Ganglion Block for Control of Ventricular Tachycardia Storm
Poster 4	Melissa Rafferty, MD	Acute Type A Dissection after Thoracoabdominal Aortic Aneurysm Repair
Poster 5	Shanette Go, MD, PhD	Compassionate-Use Transcatheter Edge-to-Edge Repair of Neuroendocrine Tumor-Associated Tricuspid Regurgitation
Poster 6	Philip Cheng	Full Neurologic Recovery from Large Volume Bilateral Cortical Infarcts after Cardiac Surgery
Poster 7	Mona Hedayat, MD	Discordant Data - What to Believe?

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KIOSK 13

Moderator: **Charles Nyman, MBBCh**

Poster 1	Brandon Morris, MD	Recognition and Management of Pericardial Effusion in a Total Artificial Heart Recipient
Poster 2	Thomas Neyer, MD	Transcatheter Mitral Valve Repair Complicated By Chordae Tendineae Entanglement Requiring Emergent Endoscopic Mitral Valve Replacement
Poster 3	Vandana Gupta	Anesthetic Management of a Large Retrosternal Goiter Requiring Veno-Venous Extracorporeal Membrane Oxygenation
Poster 4	Grace Pierce, MD	Challenging Management of an Invasive Cardiac Paraganglioma
Poster 5	Tiffany Liu, MD	Spontaneous Intracardiac Thrombogenesis During Mitral Valve Repair: A Complication of Aminocaproic Acid?
Poster 6	Saamia Alam, MD	Rotablator Burr Entrapment Requiring Emergent CABG
Poster 7	Jocelyn Wang, MD, MBA	Strategic Mechanical Circulatory Support Cesarean Section Management of a Left Ventricular Noncompaction Cardiomyopathy Parturient in Cardiogenic Shock

KIOSK 14

Moderator: **Nirvik Pal, MD**

Poster 1	Raghav Seth, MD	Systolic Anterior Motion: Obstruction or No Obstruction?
Poster 2	Ryan Foyle, MD, FRCPC	Use of Carotid Ultrasound During Type A Dissection Repair Complicated by Unrecognized Intimal Tear of the Brachiocephalic Artery: A Case Report
Poster 3	Hai Pham, MD, MS	Echo and ECMO to the Rescue: A Case of Life-Threatening Massive Pulmonary Embolism
Poster 4	Suraj Kaushal,	Anesthetic Challenges in a Patient with Cardiac Amyloidosis and Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement
Poster 5	Connor Smith, MD	Embolization of ASD Closure Device
Poster 6	Furqaan Sadiq, MD	Axillary Artery Cannulation for Cardiopulmonary Bypass: A Case for Right Radial Arterial Pressure Monitoring for Stroke Prevention
Poster 7	Stephen Lee, MD	Intraoperative Lung Isolation Strategies on a Patient with Immature Tracheostomy

KIOSK 15

Moderator: **Daniel Tolpin, MD**

Poster 1	Aaron Whitby, MD	Impella 5.5 Placement for Delayed Repair of VSD Complicated by Acute Cardiac Tamponade
Poster 2	Ada Wong, MD	Intraaortic Balloon Pump Optimization of Patients for Surgery with Post Myocardial Infarct Ventricular Septal Defect
Poster 3	Yoshio Tatsuoka, MD	Unusual Presentation of Venous Stent Migration to Heart Two Years after Stent Placement
Poster 4	Samuel Cohen, MD	Transcatheter Valve-In-Valve Rescue in a Patient Who Presented with Paravalvular Leak Causing Pulmonary Edema, Anemia, and Transaminitis
Poster 5	Kan Zhang, MD	Electrical Storm in a Patient with Left Ventricular Assist Device Undergoing Noncardiac Surgery
Poster 6	Kevin Shi, MD	Mitral Valve Repair or Replace: An Age Old Question
Poster 7	James Gwosdz, MD	Coronary Artery Obstruction and Coronary Cusp Perforation During Transcatheter Aortic Valve Replacement



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KIOSK 16

Moderator: **Reed Harvey, MD, MHS**

Poster 1	Garrett Sutton, MD	Acute Aortic Dissection in Third Trimester Parturient with Marfan Syndrome
Poster 2	Breanne Travis, DO	Total Endovascular Aortic Arch Repair with Three Vessel Fenestration for Non-Surgical Candidate
Poster 3	Rebecca Mutesi Balimunkwe, MD	Third Time is the Charm!: Pre and Post BAV TAVR in Complex Aortic Stenosis
Poster 4	Annandita Kumar, MD	Descending Aortic Arch Repair Facilitated by Ventricular Fibrillation (VF) and Deep Hypothermic Circulatory Arrest (DHCA)
Poster 5	Khoa Nguyen, DO	Arterial Pressure Monitoring and Echocardiography Guidance During Placement of a Stent in a Patient with a Type A Aortic Dissection
Poster 6	Onassis Naim, MD	Tracheal Rupture after Emergent Intubation for TAVR
Poster 7	Armish Singh, MD	Aberrant Right Subclavian Artery-Esophageal Fistula Causing Upper Gastrointestinal Bleeding

KIOSK 17

Moderator: **Andrea Corujo-Rodriguez, MD**

Poster 1	Prasanthi Sunkesula, MD	Adult Congenital Ventricular Septal Defect and Eisenmenger Syndrome: Anesthetic Considerations
Poster 2	Shara Azad, MD	From Protamine Reaction to Focal Wall Motion Abnormalities
Poster 3	Varun Potluri, MD	Fighting Blood Loss - Emergent Repair of Type I Aortic Dissection in a Jehovah's Witness Patient
Poster 4	Elan Krojanker, MD	An Unusual Cause of Bioprosthetic Mitral Valve Stenosis
Poster 5	Alexander Hjelmaas, MD	HeartMate 6 as a Total Artificial Heart: Perioperative Challenges and Considerations
Poster 6	Rizwan Nazarali, MD	Valve-sparing Aortic Root (Florida Sleeve Technique) and Ascending/Hemiarch Replacement in a Hemophiliac B Patient
Poster 7	Scott Cabaniss, MD	Looking through a Hole in the Wall: Use of TEE to Assess Perforation in a High-Risk Lead Extraction

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KIOSK 1

Moderator: **Sujatha Bhandary, MD,FASE,FASA**

Poster 1	Megan Hunt, BS, MD	Primary Pericardial Mesothelioma: A Rare Cardiac Tumor
Poster 2	Kelsei Keene	Diagnosis and Management of Intraoperative Massive Pulmonary Embolism in the Era of Minimally Invasive Therapy
Poster 3	Andres Zorrilla-Vaca	Pulmonary Outcomes after Dexmedetomidine Administration in Thoracic Surgery
Poster 4	Okola Tull	Clinical Indications of Epicardial Lead Placement
Poster 5	Renan Ferrufino, MD	Pulmonary Artery to Aorta Diameter Ratio as A Marker of Inotropic Support After Left Ventricular Assist Device Implantation".
Poster 6	Rachel Reindorf	Longterm Postoperative Sequela of Tetralogy of Fallot in a Patient with Chromosome 8p23.1 Deletion Syndrome
Poster 7	Belle Benanzea-Fontem	The indication for VV ECMO for a Patient with Abdominal Compartment Syndrome
Poster 8	Kyra Rodi, MD	Malignant Hyperthermia during Heart Transplant
Poster 9	Zulqar Islam, MD	Valve Replacements Double While Red Blood Cells Sickle: Anesthetic Considerations to Reduce Sick Cell Crisis during Mitral Valve and Tricuspid Valve Replacement

KIOSK 2

Moderator: **Mariya Geube, MD**

Poster 1	Lawrence Jones	Distinguishing Chiari Network from Right Atrial Thrombus
Poster 2	Max Schubert, MD	Cardiac Tamponade in an Atypical Location after Lung Transplantation
Poster 3	Matea Malinovic, MD	Intraoperative Anesthetic Management of Second Stage Elephant Trunk Repair
Poster 4	Piotr Kostyk, MD	Robot-assisted Mitral Valve Replacement in a 7-Year Old Female
Poster 5	Micaela Zywicki, MD	Post-COVID-19 Constrictive Pericarditis: A Rare Complication Requiring Pericardiectomy
Poster 6	Garret Chan, MD	Management of Dynamic Left Ventricular Outflow Tract Obstruction in Liver Transplantation and the Role of Transesophageal Echocardiography
Poster 7	Rasheed Richards, MD, PGYIII	Euglycemic Ketoacidosis Induced by SGLT2 Inhibition in the Perioperative Period
Poster 8	Shiv Rawal, MD	AngioVac Debulking in Tricuspid Valve Endocarditis

KIOSK 3

Moderator: **Marta Kelava, MD**

Poster 1	SriVarsha Pulijal, MBBS	"Bloodless" Aortic Dissection Repair: Multi Disciplinary Approach
Poster 2	Roy Lei, MD	Difficult Airway Management in a Patient with Turner Syndrome Undergoing a Descending Aortic Aneurysm Repair
Poster 3	Anna-Maria Eid, MD	Orthotopic Heart Transplantation in an Individual with Selective IgA Deficiency
Poster 4	Keith byrne, MD	Sinus of Valsalva Aneurysm Rupture Right Atrial Fistula
Poster 5	Robert Barnes, MD	Ambulatory Percutaneous Biventricular Mechanical Circulatory Support with Impella 5.5 and ProtekDuo and Impella 5.5 for Bridge to Transplant
Poster 6	Taylor Pruis, MD	SVC Syndrome after Bilateral Lung Transplant
Poster 7	Xi Emma Li, MD	Transcatheter Repair of Paravalvular Leak of Prosthetic Systemic AV Valve in ccTGA
Poster 8	Jennifer Nam, MD	Procedural Transesophageal Echocardiography Guides a Multispecialty Approach to a Complex Lead Extraction Involving a Large Intracardiac Vegetation



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KIOSK 4

Moderator: **Meena Bhatia, MD**

Poster 1	Sanam Babbar, MD	Anesthetic Considerations for Patients with Carcinoid Valvular Heart Disease Undergoing Multivalvular Surgery
Poster 2	Mikita Fuchita, MD	New-onset STEMI Immediately after Coronary Artery Bypass Surgery Requiring Emergent Coronary Angiogram, VA-ECMO, and Temporary Axillary LVAD Support
Poster 3	Stephen Tapia-Ruano, MD	"It's Not a Tumor!" - Utilization of 3D TEE to Guide Management of Benign Intracardiac Masses
Poster 4	Christopher Nam	Inadvertent Arterial Catheterization and Subsequent Pacing of Left Ventricle
Poster 5	Cyriac Joseph, MD	Anesthetic Management and Considerations of a Patient with Apical Pseudoaneurysm Rupture Following LVAD Explant
Poster 6	Waquas Yaqoob, MD	Persistent Left Superior Vena Cava and the Delivery of Retrograde Cardioplegia A Case Report
Poster 7	Robert Ricketts, MD	Retained Cardiac Catheterization Wire in the Left Circumflex Artery in a Patient with Severe Left Ventricular Outflow Tract Obstruction
Poster 8	Ross Pallansch, MD	A Missed Connection: A Case of Anomalous Venous Return

KIOSK 5

Moderator: **Annemarie Thompson, MD**

Poster 1	Sara Biladeau	Anesthetic Management During Post Myocardial Infarction Ventricular Septal Defect Repair
Poster 2	Ethan Sheinbaum, MD	Middle Aortic Syndrome t
Poster 3	Julia Scarpa, MD, PhD	Perioperative Management of Giant Coronary Artery Aneurysm: A Case Report
Poster 4	Christopher Kim, MD	Spatial Limitations of Two-Dimensional Imaging of the Aortic Root: Three-Dimensional Imaging to the Rescue
Poster 5	Junaid Raja, MD	Anesthetic Management of a Severely Morbidly Obese Patient with Symptomatic Tracheal Stenosis
Poster 6	Jacob Saks, DO	Aortopulmonary Fistula Rupture in the Setting of Aortic Aneurysm and Extensive Aortic Dissection
Poster 7	Nitish Gupta, MD	Rare Case of Cor Triatriatum
Poster 8	David Mack, MD, MS	Sterilization Agent Ethylene Oxide Causes Anaphylaxis After Initiation of Cardiopulmonary Bypass
Poster 9	Jordan Stillman, MD	Inside Out: Emergent Aortic Repair for Aortic Intussusception with Elephant Trunk Graft

KIOSK 6

Moderator: **McKenzie Hollon, MD, FASE**

Poster 1	Eric Friedman, MD	Atrioesophageal Fistula: A Devastating Complication of Cryoablation for Atrial Fibrillation
Poster 2	Patrick Ward, DO	Differential Hypoxemia in Peripheral Cannulation for Cardiopulmonary Bypass
Poster 3	Stephanie DeFord, MD	Intraoperative Massive Pulmonary Embolism as a Cause Of Cardiac Arrest Following HeRO Graft Declothing
Poster 4	Aileen Haque, MD	Prosthetic Valve Endocarditis after Surgical Aortic Valve Replacement and Late Valve-in-Valve Transcatheter Aortic Valve Replacement Requiring Redo Aortic Valve Replacement
Poster 5	Daniel Rubinger, MD	"Sump"thing is Not Right! An Innovative Use of Transesophageal Echocardiography to Locate a Misplaced Foreign Body During Thoracic Aortic Aneurysm Repair
Poster 6	Steven Pope	Sinus of Valsalva Aneurysm Complicated by Rupture into the Right Ventricle
Poster 7	Janet Shin, Resident Physician	Bedside Transcatheter Patent Ductus Arteriosus Closure for a Critically Ill Micropreemie
Poster 8	Amol Utrankar, MD	Lipid Emulsion Use for Heart Transplant Primary Graft Dysfunction Secondary to Amiodarone Toxicity

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KIOSK 7

Moderator: **John G. T. Augoustides, MD, FASE, FAHA**

Poster 1	Keaton Dubois, DO	Biatial Thrombus in the Setting of PFO Closure Device
Poster 2	Kyle Riley, MD	Aortic Insufficiency After an Aortic Root Replacement and Ross Procedure
Poster 3	Conner Elliott, MD	Suprasystemic Pulmonary Hypertension In Patient Undergoing Hysteroscopy
Poster 4	Lena Glowka, MD	Neo-aortic Valve Insufficiency and Root Dilatation Post Arterial Switch Operation
Poster 5	Robert Sutter, MD	Recurrent Atrial Septal Defects after Complete Atrioventricular Canal Defect Repair
Poster 6	Brooklyn Fillinger, MD	Use of the Modified Cabrol Procedure in a Patient with Recurrent Infective Endocarditis and Aortic Root Pseudoaneurysm
Poster 7	Sagar Bansal, Cardiothoracic Anesthesia fellow	Cardiac Arrest in PACU After Urgent Pericardial Window
Poster 8	Sagar Bansal, Cardiothoracic Anesthesia fellow	Aortic Dissection in a Patient with Two Rare Genetic Syndromes

KIOSK 8

Moderator: **Bantayehu Sileshi, MD**

Poster 1	Samuel Han, DO	Partial Anomalous Pulmonary Venous Return in the Adult Patient
Poster 2	Saira Nisar, MBBS	Aortic Dissection in a Patient Following Massive Pulmonary Embolectomy
Poster 3	Saira Nisar, MBBS	Use of VA-V ECMO in a Patient with Acute Respiratory Dysfunction Due to Broncho-biliary Fistula
Poster 4	Tyler Greenway, MD	Aminophylline for Renal Protection in an Adult Patient Undergoing High-Risk Heart-Liver Transplant
Poster 5	Matthew Cross, MD	Good Neurologic Outcome after Staged Atrial-Esophageal Fistula Repair
Poster 6	Andrew Herrmann, DO	Percutaneous Persistent Ductus Arteriosus Repair: A Tale of Complications
Poster 7	Alex Grieco, MD	Atypical Post Coronary Artery Bypass Lactic Acidosis
Poster 8	Wade Fox, MD, MHA	Intraoperative Management of Non-coronary Sinus of Valsalva Aneurysm with Left Atrial Fistula and Obstruction
Poster 9	Wade Fox, MD, MHA	COVID-19 Associated Giant Cell Myocarditis

KIOSK 9

Moderator: **Susan Eagle, MD**

Poster 1	Chelsea Graves, MD, MPH	Heart-Liver Transplantation Post-Fontan: Examining the Shift Between Hypocoagulable and Prothombotic States
Poster 2	David Feller, Dr.	When Abdominal Pain Ends in a Combined Heart and Lung Transplant
Poster 3	Kristen Ewing, MD	Thrombosis of the Oxygenator during Cardiopulmonary Bypass
Poster 4	Aaron Sachs, MD	Hemodynamic Management of Post-Infarct VSD Using the Impella Mechanical Circulatory Support Device
Poster 5	Kirk Naugher, DO	Double Aortic Injury: Gun Shot to the Ascending Aorta and TEE Diagnosed-Deceleration Tear of the Aortic Isthmus
Poster 6	Casey Drubin, MD	Atypical Presentation and Management of HeartMate 3 Left Ventricular Assist System Outflow Obstruction
Poster 7	Andrew Cutshall, MD	Evaluation of Aortic Stenosis with Concomitant Mitral Regurgitation
Poster 8	Brittany Woolford, DO	Managing a Patient with a Massive Left Atrial Clot and Multiple Valvular Abnormalities Undergoing Left Hemiarthroplasty
Poster 8	Nathanael Moore, MD	Left Atrial Myxoma Presenting as Acute Chest Pain



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KIOSK 10

Moderator: **Bradford Cardonell, MD**

Poster 1	Eva Alvarez Torres, MD	Tricuspid Valve Replacement in Ebstein Anomaly. Role of Atrial Septostomy in the Management of Severe Right Ventricular Failure
Poster 2	James Hammond, MD	Severe Ascending Aorta Supravalvular Stenosis and Severe Aortic Regurgitation from Aortic Graft Redundancy
Poster 3	Ryan Densmore, MD	Incremental Value of Three-Dimensional Echocardiography for Optimal Placement of Transapical Protek Duo Rapid Deployment Cannula as Temporary Left Ventricular Assist Device
Poster 4	Brianna Rea, MD	Intraoperative Massive Pulmonary Embolism During Radical Nephrectomy and Inferior Vena Cava Thrombectomy
Poster 5	Eric Hendrickson, DO	Rare Finding of Preoperative Systolic Anterior Motion of the Mitral Valve
Poster 6	Vivian Yen-Xu, MD	Anesthetic Management of Carcinoid Syndrome During a Minithoracotomy Tricuspid Valve Replacement on Cardiopulmonary Bypass
Poster 7	Johann Mathew, MD	Incidental Finding of Anomalous Pulmonary Vein During Lung Transplantation
Poster 8	Artush Grigoryan, MD	Bovine Carotid Artery Graft for Femoral Arterio-Venous Fistula Creation Complicated by Massive Bleeding and Disseminated Intravascular Coagulation

KIOSK 11

Moderator: **Chandrika Garner, MD FASE**

Poster 1	Ryan Lord, DO	Bidirectional Flow Across a Post-myocardial Infarction Ventricular Septal Defect in a Patient Supported by TandemHeart
Poster 2	Elizabeth Hall, MD	Mechanical support in Marfan Syndrome: LVAD Placement for Management of Nonischemic, Nonvalvular Cardiomyopathy
Poster 3	Roshan Babu, MD	The Significance of a Coronary Artery Anomaly
Poster 4	Gyan Das, MD	Thrombus? No - Tumor in Transit.
Poster 5	Ahmed Farawi, MD	Right Ventricular Failure During Mechanical Embolectomy: A Tale of Multiple Insidious Insults
Poster 6	Bradford Marsili, MD	Challenging Case of a Large Mediastinal Bronchogenic Cyst Causing Respiratory and Hemodynamic Compromise
Poster 7	Brandon Madsen, MD	Emergent Surgical Repair of Rupture Sinus of Valsalva
Poster 8	Jason Muelleck, MD	Off to a Good Start: Type A Aortic Dissection without IV Access
Poster 9	Bin Her, MD	Management of Parturient with Fontan Physiology

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POSTER SESSION 3 • SATURDAY, MAY 6, 2023 • 5:00 PM - 6:00 PM

KIOSK 12

Moderator: **Seema Deshpande, MBBS**

Poster 1	Jasvir Kaila, DO	Tell Me Why Cocaine Ain't Nothing but a Heartache
Poster 2	Matthew DeMatteo, DO	Pheochromocytoma in a Patient with Severe Prosthetic Valve Aortic Stenosis, HFrEF, and Turner Syndrome
Poster 3	Ashley Wicker, MD	Acute Right Heart Failure During Transcatheter Aortic Valve Replacement
Poster 4	Danielle Leahy, MD	Challenges Facing Resection of Subaortic Stenosis in a Patient with a Small Aortic Annulus
Poster 5	Alexander Roesler, MD	Right Ventricular Outflow Tract Obstruction Secondary to Intrathoracic Bar Migration Following Pectus Excavatum Repair
Poster 6	Christina Zecca, MD	Utility of a Left Atrial Catheter in a Patient with Severe Mitral Stenosis and Pulmonary Hypertension Undergoing Valve Replacement
Poster 7	Jungbin Choi, MD	Left Ventricular Assist Device Placement Off-Pump, Case Report and Management Algorithm
Poster 8	Jordan Steffko, MD	Unexpected Issues with Bileaflet Mechanical Mitral Valves
Poster 9	Ju-Han Yao, MD	Awake Double Lumen Tube Fiberoptic Intubation for a Difficult Airway

KIOSK 13

Moderator: **Elvera Baron, MD**

Poster 1	Ebin Neduvellil	Isolated Pulmonic Prosthetic Valve Endocarditis
Poster 2	Sumanth Kuppalil	Reverse Takotsubo Cardiomyopathy
Poster 3	Nicolas Zavala, MD	Transesophageal Echocardiographic Diagnosis of an Anomalous Left Circumflex Coronary Artery During Emergent Aortic Surgery
Poster 4	Benjamin Leahy, MD	Management of Acute Right Ventricle Perforation following Sternal Wound Debridement
Poster 5	Brianna Maroukis, MD	Use of Thromboelastometry During Cardiopulmonary Bypass in a Patient with Hemophilia A
Poster 6	Mahjoobah Ghulam, DO	Severe Right Ventricular Dysfunction and Mitral Regurgitation Following MitraClip Embolization in Right Coronary Ostium
Poster 7	Ellyn Gray, MD	Transesophageal Echocardiography as an Equal Partner in Multimodality Evaluation of Pulmonary Vein Stenosis
Poster 8	Timothy Cummings, DO	Closure of a Newly Discovered Intra-atrial Shunt in a Patient with Platypnea Orthodeoxia and COVID-19
Poster 9	Alexandria Hart, MD	Calf Implantation of a BiVACOR Continuous Flow Total Artificial Heart

KIOSK 14

Moderator: **Mohab Gohar, MD**

Poster 1	MaryAlice Spin, MD	Contraceptives, Coagulation and Cardiac Surgery: A Call to Action
Poster 2	Ankit Arora, MD	Transesophageal Echocardiography Guiding Management of Multifactorial Cardiogenic and Obstructive Shock
Poster 3	Vikas Mishra, MD	Transcatheter Endocarditis Debulking: A Rapidly Evolving Frontier
Poster 4	Carolyn Pinkerton, MD	Lumbar Epidural for Salpingo-oophorectomy in Severe Biventricular Heart Failure
Poster 5	Aldo Morante, MD	Post-myocardial Infarction Ventricular Septal Defect with Right Ventricular Rupture
Poster 6	Sandy Ren, MD	Femoral Venous Cannulation with Concomitant IVC Filter
Poster 7	Adam Seibert, MD	Perioperative Management of Suspected Syphilitic Aortitis during Coronary Artery Bypass Grafting
Poster 8	Zachary Coffman, MD	Coronary Artery Bypass Grafting in a Patient with Right Aortic Arch, Isolated Left Subclavian Artery, and Asymptomatic Covid-19 Infection



POSTER SESSION 3 • SATURDAY, MAY 6, 2023 • 5:00 PM - 6:00 PM

KIOSK 15

Moderator: **Dalia Banks, MD**

Poster 1	Lakshmi Nemani, MD, MPH	Left Ventricular Assist Device with Left Atrium-to-Aorta Configuration in a Patient with Refractory Ventricular Tachyarrhythmias
Poster 2	Melina Shoni, MD	Percutaneous Right Ventricular Assist Device Bifurcated Outflow to Pulmonary Artery and Vein: a Novel Approach to Overcoming Pulmonary Hypertensive Crisis in Patient with Biventricular Assist Devices
Poster 3	Elizabeth Ternent-Rech, DO	Incidental Finding of an Atrial Septal Defect in a Trauma Patient, Creating Separate Anesthetic Challenges
Poster 4	Larissa Kiwakyou, MD	Previously Undiagnosed Congenital Cardiac Anomalies in an Adult with Trisomy 21
Poster 5	Andrew Nellestein, MD	Approach to Cardiac Surgery in a Patient with Metastatic Pheochromocytoma
Poster 6	Jessica Miranda, MD	Ventricular Septal Perforation with Normal Coronary Arteries
Poster 7	Shahrose Hussain, MD	Life-Saving Diagnostic Utility of Point of Care Ultrasound in an Unstable Patient with Pulmonary Embolism
Poster 8	Austin Govero, MD	Multichambered Mass in a 43-Year-Old Female

KIOSK 16

Moderator: **Rachel Diehl, MD**

Poster 1	Litty John, MBBS	Interpreting the Cause of Mitral regurgitation in Hypertrophic Cardiomyopathy
Poster 2	Max Kohen, MD	Persistent Systolic Anterior Motion of the Mitral Requiring Further Medical Management Despite Surgical Intervention
Poster 3	Sheila Sullivan, MD	A Curious Case of Heparin Resistance
Poster 4	Hong Liang, DO	Management of Heart-Lung Transplantation in a Patient with Cold-reacting Anti-M Antibody
Poster 5	Rachael Lu, MD	Intraoperative Tension Pneumothorax Under One Lung Ventilation
Poster 6	Vikram Bajwa, MD	Recurrent Cardiac Sarcoma: When to Reoperate?
Poster 7	Bishir Clayton, MD	Undiagnosed Antiphospholipid Syndrome in a Patient Preparing to Undergo Open Heart Surgery for Mitral Valve Regurgitation
Poster 8	Samantha Sohnen, MD	PEEP This: Strategies for Managing a Patient with Severe Hypoxia and Pulmonary Hypertension During an Open Double Valve Replacement
Poster 9	Brittney Jackson, MD	Ultrasound Guided Parasternal Intercostal Nerve Blocks to Facilitate Extubation Following Combined Coronary Artery Bypass Graft, Carotid Endarterectomy

KIOSK 17

Moderator: **Jeffery Songster, MD**

Poster 1	Christina Tull, MD	Left Ventricular Outflow Obstruction and Mitral Stenosis in a Transcatheter Mitral Valve Requiring Redo Mitral Valve Replacement
Poster 2	Kris Vasant, MD	Left Atrial Dome Perforation Following MitraClip Implantation
Poster 3	Joseph McGuire, MD	Atrial Septal Defect Device Embolization: A Shortcoming in Pre-Operative Imaging?
Poster 4	Darren Lasko, MD	Thoracotomy for Anterior Dissectomy Under One Lung Ventilation in a Patient with Unknown Congenital Heart Repair and Severe Pulmonary Hypertension
Poster 5	Justin Barbat, MD	Perioperative Use of Hemopure Following Thoracic Endovascular Aortic Repair Complicated by New Onset Neurological Deficits
Poster 6	Richard Jordan, MD	Embolization of A Prosthetic Valve into the Distal Ascending Aorta Following Transcatheter Aortic Valve Replacement
Poster 7	Michael Chang, Resident	A Case of Peripartum Cardiomyopathy Requiring VA ECMO Support and Heart Transplantation
Poster 8	Aditya Yadavalli, MD	Eustachian Valve Interference with Inflow Cannula in VA-ECMO
Poster 9	Arianna Cook, MD, MPH	Massive Intraoperative Pulmonary Embolism: Rapid, Multidisciplinary Care Response

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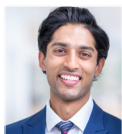
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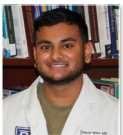
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