

SCA2025 Annual Meeting & Workshops

April 26 - 29, 2025

Montréal, Canada Montréal Convention Center

NETWORK Cardiovascular_Anesthesiologists • PASSWORD SCA2025AM ŝ.



Ne come SCA2025



Dear Colleagues,

Welcome to Montreal, Canada and thank you for attending SCA's Annual Meeting & Workshops! We're confident that this meeting will provide countless opportunities to improve your practice 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. The Scientific Program Planning Committee 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.

This year's keynote speaker is Dr. Christopher Troianos, a Past President of SCA and NBE as well as an ABA senior board examiner. He has served as Chair of the Government and Economics committee for SCA and the Committee on Economics for ASA. He is currently Chair of the Anesthesiology Institute at the Cleveland Clinic. His timely presentation will discuss the importance of Physician Leadership for Today's Healthcare Challenges.

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 are pleased that you have joined us in Montreal!

Best wishes,

Kathun Si Ras Mus

Kathryn E.Glas, MD, MBA, FASE President, 2023-2025



Dear Colleagues,

Thank you for joining us at the Society of Cardiovascular Anesthesiologists 47th Annual Meeting and Workshops in beautiful Montreal, Canada, April 26-29, 2025.

This year we have sessions discussing heart failure, transcatheter heart procedures, adult congenital heart disease, transplantation, aortic surgery, mitral valve



surgery, mechanical circulatory support, and coagulation/transfusion strategies.

New for 2025, we have a COR-PM/Research track which will offer programming developed for those with a professional interest in research. We have also partnered with the teams at Montreal Heart Institute (l'Institut de cardiologie de Montréal) and are excited offer 2 live case sessions for the first time at our Annual Meeting.

As always, panels include experts from the world of cardiology, cardiothoracic surgery, perfusion, critical care medicine, regional anesthesiology, law, and finance. We have programs designed for trainees, offering a robust choice of presentations geared toward medical students, residents, and fellows. The workshops are state-of-the-art with increased capacity to allow more attendees to participate in hands-on opportunities to learn cutting edge technology from masters in the field.

Scientific discovery and the work of our membership will be presented via abstract presentations and Best of Meeting sessions, unusual and interesting echos will be presented in the Super Echo session, and the PBLDs will offer small group interaction with experts.

Immediately following our sessions end on Saturday, we will be hosting our first SCA Networking event with many of the SCA component groups within the SCA. We invite you to join us to meet with exhibitors and key SCA committee and interest groups. Saturday night, the SCA Endowment Council has put together an amazing Gala event which will take place at St. James Theatre.

We are thrilled to welcome you to Montreal!

Jonathan K. Ho, MD, FASE Chair, Scientific Program Committee 2025

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MEETING APP

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SCHEDULE AT A GLANCE

Saturday, April 26, 2025

7:00 AM - 8:00 AM	Breakfast	Foyer
8:00 AM - 10:00 AM		
Plenary Session	Refresher Course Lectures - Tricuspid Management, Neuroprotection, POCUS, and OR Sustainability	517A
9:00 AM - 12:00 PM		
Workshop	ECMO Workshop	520BE
Workshop	Advanced Perioperative POCUS Workshop	520AD
10:00 AM - 10:30 AM	Coffee Break	Foyer
10:30 AM - 12:00 PM		
General Session	Anesthetic Considerations for Modern Evolutions in Thoracic Aortic Surgery	517C
General Session	Get With the Guidelines! Pearls From Recent Publications to Improve the Practice of Cardiac Surgery	s 517A
Research/COR-PM	Patient-Centered Outcomes in Cardiovascular Medicine and Surgery	518ABC
11:00 AM - 12:00 PM		
 Fellow/Resident 	Fellow and Resident Posters: Session 1	516
12:00 PM - 1:00 PM	Lunch on Your Own	
	Non-CME Corporate Sponsored Symposium	517B
12:00 PM - 1:00 PM	PBLDs with Lunch	
• PBLD #7	Descending Thoracic Aortic Repair: Spinal Cord Protection Strategies	521C
• PBLD #8	Vasoplegia, Vasoactives, and Vitals: Managing Vasoplegia During Cardiac Surgery	a 522A
• PBLD #9	Tracheal Resection and Reconstruction for Tracheal Stenosis	522B
• PBLD #10	Moving from Two to Three Stars: Using Big Data to Improve Our Program's STS Rating	522C
• PBLD #11	In Two Places at Once: Ethical and Legal Considerations for Concurrent Surgeries	525A
• PBLD #12	Failure to Separate: Use of Mechanical Support for Separation from CPB	525B
1:00 PM - 2:00 PM		
• Fellow/Resident	Mission Possible – Guidance for the Next Chapter	519AB
1:00 PM - 2:30 PM		
General Session	The Rise of the Machines: The Cardiopulmonary Bypass Snapchat	517A



Saturday, April 26, 2025

General Session	When Stakes Are High: Masterclass for Diagnosis,Treatment and Prevention of Incivility in Cardiac OR518AB	BC
Research/COR-PM	COR PM/Research 1: Key Techniques for Reading and Interpreting the Literature 512	7C
2:00 PM - 3:30 PM		
 Fellow/Resident 	Echo Essentials Masterclass 5194	4 <i>B</i>
2:00 PM - 5:00 PM		
Workshop	Advanced TEE Workshop: Advanced Echo Modalities for Practical Use 5208	BE
Workshop	Regional Workshop: Integrating Regional Anesthesia Into a Cardiac Anesthesiology Practice5204	٩D
2:30 PM - 3:00 PM	Coffee Break Foy	/er
2:30 PM - 3:00 PM		
Research/COR-PM	Late-breaking Research Session 512	7C
3:00 PM - 4:30 PM		
General Session	Artificial Intelligence in Cardiac Anesthesia: Are You Ready for the AI Wave? 518AE	BC
General Session	Optimizing RBC Mass Before Major Surgery: Increasing	71
Research/COR-PM	Patient Safety and Decreasing Blood Transfusions 51. COR PM/Research 2: The Shifting Landscape of	7A
• nesedicii/COn-Pivi	0	7C
4:00 PM - 5:00 PM		
 Fellow/Resident 	Fellow and Resident Posters: Session 2 5	516
4:30 PM - 6:30 PM	SCA NETWORKING EVENT AND WELCOME RECEPTION WITH EXHIBITORS Exhibit Hall - 517	7D
5:00 PM - 6:30 PM		
Fellow/Resident	"Getting to Know You" Program Meet and Greet Exhibit Hall - 517	7D
7:00 PM	SCA GALA (Ticketed Event) St. James Theat	

- Fellow/Resident
 General Session
 Research/COR-PM
 - PBLD

- Research/CO
- Workshop

SCHEDULE AT A GLANCE

Sunday, April 27, 2025

6:45 AM - 8:00 AM	PBLDs with Breakfast		
• PBLD #13	Fun Had with Fon-VADs: Perioperative Manage the Fontan Patient: Undergoing Durable VAD F		522A
• PBLD #14	Perfusion Emergencies		522B
• PBLD #15	Severe Right Ventricular Dysfunction After Care Everyone's Nightmare	diac Surgery:	522C
• PBLD #16	VAD Emergencies		525A
• PBLD #17	High Risk OB: HOCM and the Laboring Parturie		525B
7:00 AM - 8:00 AM	Breakfast with Exhibitors	Exhibit Hall -	517D
8:00 AM - 9:00 AM			
	Earl Wynands Lecture Hemodynamically Unstable, Why? Andre Denault, MD, PhD		517A
9:00 AM - 10:30 AM			
Plenary Session	Save the Valve! How to Ensure Success and Duthe Valve Repair	urability of	517A
9:30 AM - 11:30 AM			
Workshop	Tips and Tricks from the Editors: Anesthesia & A Reviewers Workshop	•	20BE
9:30 AM - 12:30 PM			
Workshop	Structural Heart and Electrophysiology Workshi Ensuring Success in the Lab		20AD
10:30 AM - 11:00 AM	Coffee Break with Exhibitors	Exhibit Hall -	517D
11:00 AM - 12:30 PM			
General Session	Choosing Successful Strategies in Transplantat Snapchat Talks	ion:	517C
General Session	Late-Breaking Concepts in Cardiac Anesthesio What's New in 2025?	logy:	517A
General Session	EACTAIC Presents: Discussion of Leadership	518	BABC
11:00 AM - 12:00 PM			
• Fellow/Resident	Fellow and Resident Posters: Session 3		516
12:00 PM - 1:00 PM			
• Fellow/Resident	"Best in Show" Complex Case Presentation	5	19AB
12:30 PM - 1:30 PM	Lunch for Attendees in Exhibit Hall Non-CME Corporate Sponsored Symposium	Exhibit Hall -	517D 517B



Sunday, April 27, 2025

12:30 PM - 1:30 PM • Research/COR-PM	Scientific Program: Poster Session 1	516
1:30 PM - 3:00 PM	Scientific i Togram. I Oster Session i	510
1:30 PIVI - 3:00 PIVI		
General Session	An Individualized Approach to Enhanced Recovery After Cardiac Surgery	517A
General Session	SCA/STS Session: I've Got Noisy Ants in my Pants – The Cardiac Surgical Team	517C
Research/COR-PM	Our SCA Research Funding at Work: Grant Project Results, Impact, and Ongoing Work	518ABC
1:30 PM - 4:30 PM		
• Fellow/Resident	Keys to Success: A Crash Course of Critical ACA Concepts	519AB
2:30 PM - 5:30 PM		
Workshop	3D TEE Workshop	520AD
Workshop	Professional Development Workshop: Advancing Your Career in Cardiac Anesthesiology: A Skill-Building Workshop for Professional Growth and Leadership	520BE
3:00 PM - 3:30 PM	Coffee Break with Exhibitors Exhibit H	lall - 517D
3:30 PM - 5:30 PM		
General Session	Code Shock! Building a Cardiogenic Shock Team and Treatment Plan	517C
General Session	Dissecting the Coronary Artery Bypass Controversies	517A
Research/COR-PM	Best of Meeting Oral Abstracts and Early Career Investigator Awards: Session 1	518ABC

- Fellow/Resident
- General Session
- PBLD

- Plenary Session
- Research/COR-PM
- Workshop

SCHEDULE AT A GLANCE

Monday, April 28, 2025

6:45 AM - 8:00 AM	PBLDs with Breakfast	
• PBLD #18	Lung Transplantation Management: Strategies, Tip:	s, and Tricks 522A
• PBLD #19	Unexpected Intra Operative Echo Findings: When Should Change the Surgical Plan (or Not)	Your Exam 522B
• PBLD #20	Navigating High Risk Structural Heart	522C
• PBLD #21	To Bleed or Not to Bleed: Assessing Blood Conserv Strategies in Cardiac Surgery Patients	vation 525A
• PBLD #22	Severe Pulmonary Hypertension and Non-cardiac	Surgery 525B
7:00 AM - 8:00 AM	Breakfast with Exhibitors	Exhibit Hall - 517D
7:00 AM - 10:00 AM		
General Session	Live Case Discussion with the Montreal Heart Insti- Isolated Tricuspid Regurgitation: Complex Isolated REDO Surgery, New Challenges in 2025	
8:00 AM - 10:00 AM		
Plenary Session	Anti-Coagulation and Hemostasis Challenges in Ca Surgery and ICU Patients	ardiac 517A
9:30 AM - 12:30 PM		
• Workshop 10:00 AM - 10:30 AM	Advanced Perioperative POCUS Workshop Coffee Break with Exhibitors	520BE Exhibit Hall - 517D
10:30 AM - 11:00 AM		
	ASA Update	517A
11:00 AM - 12:00 PM	Kounate Address The Innertones of Dhusisian Les	develsion few Texter dev
	Keynote Address: The Importance of Physician Lea Healthcare Challenges Christopher A. Troianos, MD,	
12:00 PM - 12:30 PM	Business Meeting & Awards	517A
12:30 PM - 1:30 PM	Lunch for Attendees in Exhibit Hall Non-CME Corporate Sponsored Symposium	Exhibit Hall - 517D 517B
 Research/COR-PM 	Scientific Program: Poster Session 2	516
1:30 PM - 3:30 PM		
 General Session 	Anatomy of a Lawsuit: What Every Cardiac Anesthe Should Know	517C
General Session	Multidisciplinary Beginner Course in Structural Hea Echocardiography – Short, Sweet, and to the Point	! 517A
General Session	The Voices of SCA Members: Fostering SCA as a F Belong and Grow	Place to 518ABC
3:30 PM - 3:45 PM	Coffee Break	Foyer
3:45 PM - 5:45 PM		
General Session	Adult Congenital Heart Disease: When You Are the	Expert 517A
 General Session 	Navigating the Opioid Crisis in Cardiothoracic Surg	jery 518ABC
General Session	Super Echo	524ABC
Research/COR-PM	Best of Meeting Oral Abstracts and Early Career In Awards: Session 2	vestigator 517C



Tuesday, April 29, 2025

6:45 AM - 8:00 AM	PBLDs with Breakfast	
• PBLD #23	Sedation for High-risk Patients: The ABCs of Avoiding Disas	ster 522A
• PBLD #24	Complications in the ICU: Preventing Afib, Coagulopathy and AKI	522B
• PBLD #25	Taking the Mystery Out of the Mitral Valve	522C
• PBLD #26	Pulmonary Thromboendarterectomy Pearls and Pitfalls	525A
• PBLD #27	My Patient Is on ECMO, Now What? Ask the Experts	525B
7:00 AM - 8:00 AM	Breakfast with Exhibitors Exhibit H	all - 517D
8:00 AM - 10:00 AM		
General Session	Live Case Discussion with the Montreal Heart Institute Team: Advanced Surgery for Aortic Valve Insufficiency	524ABC
General Session	The Forgotten Ventricle and the Downward Spiral: How to Salvage?	517C
General Session	The Times, They Are a Changin': Hot Topics In ACTA/ Anesthesiology Education	518ABC
9:00 AM - 12:00 PM		
Workshop	3D TEE Workshop	520AD
10:00 AM - 10:30 AM	Coffee Break with Exhibitors Exhibit H	lall - 517D
10:30 AM - 12:00 PM		
General Session	Acute Kidney Injury – Predict, Avoid, Manage, and Treat	517C
General Session 12:00 PM - 1:00 PM	How to Create a Quality Improvement Program that Sticks Lunch on Your Own	518ABC
12:00 PM - 1:00 PM		
Research/COR-PM	Scientific Program: Poster Session 3	516
1:00 PM - 2:30 PM		
General Session	Keeping Up with The EP Lab	517C
General Session	Navigating the Evolving Financial Terrain: Impacts of Legislative Changes and Strategies for Adding Value in Cardiac Anesthesiology	518ABC
General Session	TAS for SCA: Sticky Points in Thoracic Anesthesia	578ABC 524ABC
	TAS IOLSCA, SLICKY FOILIS IIT MOLACIC ALLESTIESIA	JZ4ADC
2:30 PM - 4:00 PM • General Session	Aortic Disasters and Rescues	524ABC
General Session	What's the Latest in ECMO and ECLS?	524ABC 517C
	What's the Eatest in ECMO and ECES?	5170
4:00 PM - 5:30 PM • Plenary Session	Echocardiographic Extravaganza: Things You Should Know	A/
• Pienary 36551011	but Might Not!	w 517A
5:30 PM - 6:15 PM	CLOSING WINE AND CHEESE RECEPTION	Foyer

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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

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

HOURS OF OPERATION

Registration	
Friday, April 25	
Saturday, April 26	6:30 AM – 6:30 PM
Sunday, April 27	6:30 AM – 6:00 PM
Monday, April 28	6:30 AM – 6:00 PM
Tuesday, April 29	6:30 AM – 6:00 PM
Exhibit Hall	
Saturday, April 26	
Sunday, April 27	
Monday, April 28	
Tuesday, April 29	7:00 AM – 1:00 PM
Speaker Ready Room	
Speaker Ready Room	6:00 AM - 6:00 PM
Friday, April 25 Saturday, April 26	6:00 AM - 6:00 PM 6:00 AM - 6:00 PM
Friday, April 25 Saturday, April 26 Sunday, April 27	6:00 AM - 6:00 PM
Friday, April 25 Saturday, April 26 Sunday, April 27	6:00 AM - 6:00 PM
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Friday, April 25 Saturday, April 26 Sunday, April 27 Monday, April 28 Tuesday, April 29 Coat and Luggage Check	
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Friday, April 25 Saturday, April 26 Sunday, April 27 Monday, April 28 Tuesday, April 29 Coat and Luggage Check Friday, April 25 Saturday, April 26	
Friday, April 25 Saturday, April 26 Sunday, April 27 Monday, April 28 Tuesday, April 29 Coat and Luggage Check Friday, April 25	



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Georges Desjardins, MD Montreal Heart Institute Montreal, QC, Canada

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Rebecca Y. Klinger, MD *Duke University Durham, NC*

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Johns Hopkins University School of Medicine Baltimore, MD

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Baltimore, MD Ingrid Moreno-Duarte, MD UT Southwestern

Dallas, TX Gordon Morewood, MD, MBA, FASE, FASA

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Julie Wyrobek, MD University of Rochester Rochester, NY

Luai Zakaria, MD Cleveland Clinic Shaker Heights, OH

David A. Zvara, MD, FASA University of North Carolina

Chapel Hill, NC

PREMIER LECTURES



EARL WYNANDS LECTURE

ANDRÉ DENAULT, MD, PHD

Dr. Denault is an academic-physician with special interests in ultrasound. His medical qualifications and specialties include internal medicine (1991), critical care medicine (1993) and anesthesia (1996). In 2010 he completed a PhD in biomedical Science at the University of Montreal. He has advanced certification in National Board in Echocardiography (NBE) in perioperative transesophageal echocardiography and critical care ultrasound. Dr. Denault has written more than 330 peer-reviewed articles, 63 book chapters and three textbooks on perioperative transesophageal and critical care ultrasound. He has been invited as a speaker in local, national and international meetings, and has won several teaching awards including the Canadian Anesthesia Research Award in 2022. He currently works as a cardiac anesthesiologist at the Montreal Heart Institute. He is the director of research in the Department of Anesthesia and the Director of the Wholebody Ultrasound Fellowship Program at the University of Montreal. Major interests include: right ventricular function, venous congestion, brain monitoring and bedside whole-body ultrasound.



KEYNOTE LECTURE

CHRISTOPHER A. TROIANOS, MD, FASE, FASA

Dr. Troianos is Professor and Enterprise Chair of Anesthesiology at the Cleveland Clinic and Lerner College of Medicine of Case Western Reserve University. Cleveland Clinic's Anesthesiology Department unites all specialists in multi-specialty anesthesiology, cardiothoracic anesthesiology, intensive care, and resuscitation, community practice anesthesiology, and outcomes research, within our 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 Women's 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", and the "Comprehensive Textbook of Perioperative and Critical Care Echocardiography. He 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. He served 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.

He earned a Bachelor of Science degree in Chemistry from Carnegie-Mellon University and his medical degree from the University of Pittsburgh. He completed his anesthesiology residency at (now) UPMC Mercy Hospital in Pittsburgh, and a cardiothoracic anesthesiology fellowship at the University of Pennsylvania.

AWARD RECIPIENTS

Distinguished Service Award

MICHAEL CAHALAN, MD

Dr. Michael K. Cahalan, former chair of the Department of Anesthesiology at the University of Utah School of Medicine, died March 9, 2019, at the age of 69 after a brief illness. He was a giant in anesthesiology and a pioneer in the development of

transesophageal echocardiography applications in anesthesia. He made many other important contributions to the specialty of anesthesiology, having achieved a notable measure of success in all the traditional missions of academics, including research, teaching, clinical care, and administration. In this summary, his early life, education, and the contributions he made to the practice of anesthesiology in general and to cardiac anesthesia and echocardiography in particular are reviewed.

Presidential Outstanding Service Award

GLENN GRAVLEE, MD

Dr. Gravlee is Professor Emeritus at University of Colorado School of Medicine, having retired in 2018. He recently served as Chair of the History Council of SCA, on which he remains a member, and was SCA President from 2003-5. He served 25

vears on the SCA Board of Directors and is a Past President of the American Board of Anesthesiology.

John Hinckley Outstanding Service Award

CHARLES BOINSKE

Charles P. Boinske, CFA(R), a strategic advisor and principal with Modera Wealth Management, is internationally recognized as a trusted resource on complex financial issues faced by high-net-worth individuals and institutions. He has worked

with the Society of Cardiovascular Anesthesiologists for more than 25 years. Charles is an avid fly fisherman, amateur historian and Penn State fan who lives with his wife Laura in State College, Pa.

Kaplan Leadership Development Award

NADIA HENSLEY, MD

Dr. Nadia Hensley is an Associate Professor in the Dept of Anesthesiology and Critical Care Medicine at Johns Hopkins Hospital. She serves as the Deputy Vice Chair of Quality, Safety, and Service for the department and has a research interest

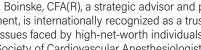
in patient blood management in surgical patients. Dr. Hensley has served as the Vice Chair of the SCA PBM committee and will begin her term as Chair of the committee this year. She is very grateful to the committee for selecting her for the Kaplan Leadership Award which she will use for the Executive Leadership in Healthcare course at Harvard T.H. Chan School of Public Health.

Kaplan Leadership Development Award

REGINA LINGANNA, MD

Dr. Linganna is an assistant professor at the Hospital of Pennsylvania. She is passionate about medical education, particularly about the intersection of technology and education. She is currently pursuing her master's in medical education where she hopes to cultivate skills that will enhance her abilities as a medical educator.









AWARD RECIPIENTS



Presidential Citation Jessica Brodt, MD



Presidential Citation Jennifer Hargrave, DO

Nicolas T. Quach, MD



Early Career Investigator Award Serena Dasani, MD, MBA

Early Career Investigator Award



Underrepresented in Medicine Junior Resident Scholarship Susana Arango Arango, MD



Underrepresented in Medicine Junior Resident Scholarship Jane-Frances Aruma, MD



Underrepresented in Medicine Junior Resident Scholarship Richard Beckett-Ansa, MD



Underrepresented in Medicine Junior Resident Scholarship Cheng-Hao Jacky Chen, MD



Early Career Investigator Award Anjan Saha, DO



Underrepresented in Medicine Junior Resident Scholarship Katherine (Taylor) Fortson, MD



Early Career Investigator Award Benjamin Steinhorn, MD, PhD



Underrepresented in Medicine Junior Resident Scholarship Robert Hawthorne, MD, PhD

Underrepresented in Medicine Junior Resident Scholarship

Jooeun Kang, MD



Early Career Investigator Award Kwame Wiredu, MD, PhD



Early Career Investigator Award Sherman Yu, MD



Underrepresented in Medicine Junior Resident Scholarship Biodun Adelyi, MD



Underrepresented in Medicine Junior Resident Scholarship Laura Mendez Pino, MD



Underrepresented in Medicine Junior Resident Scholarship Kwame Wiredu, MD

SATURDAY, APRIL 26, 2025

REGISTRATION OPEN Foyer 6:00 AM - 6:00 PM BREAKFAST Fover 7:00 AM - 8:00 AM PLENARY SESSION 8:00 AM - 10:00 AM Refresher Course Lectures - Tricuspid Management, M²CA 517A Neuroprotection, POCUS, and OR Sustainability Moderators: Jonathan Ho, MD, FASE and Stephanie Ibekwe, MD, MBA, MPH, MS Tricuspid Valve Management – Updates You Need Mary Beth Brady, MD, FASE POCUS for the Cardiac Anesthesiologist - Where Are We Now Megan Chacon, MD Neuroprotection in Cardiac Surgery Hilary Grocott, MD, FRCPC

Sustainability and the Cardiac Operating Room Joshua Hubert, DO

WORKSHOPS 9:00 AM - 12:00 PM

ECMO Workshop520BEWorkshop Moderators:Mariya Guebe, MD, FASE; Christina Jelly, MD, MS; andMichael Mazzeffi, MD, MPH, FASAWorkshop Speaker:Pierre-Emmanuel Noly, MD, PhDWorkshop Faculty:Promise Ariyo, MD, MPH, Kyle Bohman, MD; Sreekanth Cheruku, MD,MPH, FASE, FCCM; Jerome Crowley, MD, MPH; Gurinder Gill, MD; Christina Jelly, MD, MS;Ron Leong, MD; Michael Mazzeffi, MD, MPH, FASA; Kunal Panda, MD; Siavosh Saatee, MD;and Matthew Vanneman, MD, FASE

Advanced Perioperative POCUS Workshop

<u>Workshop Moderators:</u> McKenzie Hollon, MD, FASE and Agnieszka Trzcinka, MD, FASE <u>Workshop Speakers:</u> Abirami Kumaresan, MD and Nicholas Markin, MD, FASE <u>Workshop Faculty:</u> Bradley Coker, MD; Amy Duhachek-Stapelman, MD; Laeben Lester, MD; Chantal Mercier Laporte, MD, MEHP, FRCPC, FASE; Jacques Prince Neelankavil, MD; Sheela Pai Cole, MD, FASE, FASA; and Walker Thomas, MHPTT, FASE, RDCS







SATURDAY, APRIL 26, 2025

COFFEE BREAK

10:00 AM - 10:30 AM

GENERAL SESSIONS

10:30 AM - 12:00 PM Anesthetic Considerations for Modern Evolutions in Thoracic Aortic Surgery Moderators: Ankit Jain, MBBS, FASE, FASA, MBA and Nirvik Pal, MD Zones of Classification and Types of Hybrid Operations Melissa Burger, MD Neurological Complications and Spinal Cord Protection in Thoracoabdominal Aortic Surgery Hamdy Elsayed-Awad, MD

Kidney Protection Strategies in Thoracoabdominal Aortic Surgeries Mariya Guebe, MD, FASE

Make it STOP! Treating Acquired Coagulopathy During Open Thoracoabdominal Aortic Aneurysm Repair Reney Henderson, Jr., MD

Get With the Guidelines! Pearls From Recent Publications to Improve the Practice of Cardiac Surgery

Moderators: Miklos Kertai, MD, MMHC, PhD and Jacob Raphael, MD, FAHA

Management of Preoperative Anemia: Is the Return Worth the Investment? Jacob Raphael, MD, FAHA

Implementing a Point-of-Care Hemostasis Testing Program in Your Institution: Are We Improving Outcomes? Kenichi Tanaka, MD, MSc

New Guidelines and Bundles: How Can Anesthesiologists Mitigate Kidney Dysfunction After Cardiac Surgery? Amanda Fox, MD, MPH

Does the Evidence Support the Implementation of Enhanced Recovery Programs After Cardiac Surgery? Michael Conrad Grant, MD

The New Guidelines for Perioperative Cardiovascular Management for Noncardiac Surgery Annemarie Thompson, MD

Foyer

517C

M@CA 517A



RESEARCH/COR-PM

10:30 AM - 12:00 PM Patient-Centered Outcomes in Cardiovascular Medicine and Surgery (Non-CME) Moderators: Anne Cherry, MD and Louise Sun, MD, SM, FRCPC, FAHA	518ABC
Quality of Life Research Instruments and Patient-centered Endpoints in Perioperative Clinical Research: StEP and Beyond Detlef Obal, MD, PhD, DESA	ve
Patient-defined Outcomes for Cardiovascular Procedures Louise Sun, MD, SM, FRCPC, FAHA	
Shared Decision-making in General and Underserved Populations Marc Ruel, MD, MPH, FRCSC, FCCS, FAHA, FACC	
FELLOW/RESIDENT	

11:00 AM - 12:00 PM Fellow and Resident Posters: Session 1 (Non-CME) See pages 66 - 73 for full schedule.

LUNCH ON YOUR OWN

Non-CME Corporate Sponsored Symposium 12:00 PM - 1:00 PM

PROBLEM-BASED LEARNING DISCUSSIONS WITH LUNCH

12:00 PM - 1:00 PM

PBLD #7: Descending Thoracic Aortic Repair: Spinal Cord Protection Strategies 521C Moderators: Harendra Arora, MD, MBA, FASA and Choy Lewis, MD

PBLD #8: Vasoplegia, Vasoactives, and Vitals: Managing Vasoplegia During Cardiac Surgery Moderators: Nikolaos Skubas, MD, DSc, FACC, FASE and Luai Zakaria, MD	522A
PBLD #9: Tracheal Resection and Reconstruction for Tracheal Stenosis Moderators: Aneeta Bhatia, MD, MBA, FFARCS, FASE and Rebecca Klinger, MD, MS	522B
PBLD #10: Moving from Two to Three Stars: Using Big Data to Improve Our Program's STS Rating Moderators: Kathirvel Subramaniam, MD, MPH, FASE and Louise Sun, MD, SM, FRCPC,	522C FAHA
PBLD #11: In Two Places at Once: Ethical and Legal Considerations for Concurrent Surgeries Moderators: Amy Babb, MD; Calvin Kuan, MD, FAAP; and Charles Napolitano, MD, PhD,	525A
PBLD #12: Failure to Separate: Use of Mechanical Support for Separation from CPB	525B

Moderators: Steven Bartels, MD and Jacques Prince Neelankavil, MD

SATURDAY, APRIL 26 SCIENTIFIC PROGRAM

516

517B

SATURDAY, APRIL 26, 2025

FELLOW/RESIDENT

1:00 PM - 2:00 PM Mission Possible—Guidance for the Next Chapter (Non-CME) See page 54 for full schedule.

519AB

GENERAL SESSIONS

 1:00 PM - 2:30 PM
 Image: The Cardiopulmonary Bypass Snapchat
 Image: Snapchat
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When Stakes Are High: Masterclass for Diagnosis, Treatment and Prevention518ABCof Incivility in Cardiac OR

Moderator: Agnieszka Trzcinka, MD, FASE

Incivility in Cardiac OR: Prevalence and Its Effect on Cardiac Anesthesiologists Trevor Sutton, MD, MBA

Incivility in Cardiac OR: How to Achieve Effective Communication When Stakes Are High Sasha Shillcutt, MD, MS, FASE

Incivility in Cardiac OR: Steps to Prevent It and Teach Necessary Tools During Cardiac Anesthesiology Training Michele Sumler, MD, MA, FASE

When Incivility in Cardiac OR Becomes Fatal: Effects of Incivility on Patient Safety Emily Methangkool, MD, MPH



SATURDAY, APRIL 26 Scientific Program

517C

519AB

RESEARCH/COR-PM COR PM/Research 1: Key Techniques for Reading and Interpreting the Literature Moderators: Lisa Rong, MD, MSCE, FASE, FACC and Shahzad Shaefi, MD, MPH

Essential Basic Science Techniques to Understand Bench Research Studies Joseph Walpole, MD, PhD

Clinical Outcome Research – Statistics and Concepts You Need to Know Charles Brown, MD

Conquering Meta-analysis and Systematic Reviews Michael Conrad Grant, MD

FELLOW/RESIDENT

2:00 PM - 3:30 PM Echo Essentials Masterclass (Non-CME) See page 54 for full schedule.

WORKSHOPS

 2:00 PM - 5:00 PM
 Advanced TEE Workshop: Advanced Echo Modalities for Practical Use
 520BE

 Workshop Moderators:
 Peter Neuburger, MD, FASE and Kelly Ural, MD
 520BE

 Workshop Speakers:
 Kiran Belani, MD, FASE, FACC; Megan Chacon, MD; Burkhard Mackensen, MD, PhD, FASE, FSCAI; Nicholas Markin, MD, FASE; Alina Nicoara, MD, FASE; Lisa Rong, MD, MSCE, FASE, FACC; Aidan Sharkey, MD; Stanton Shernan, MD, FAHA, FASE; Richard Sheu, MD, FASE; and Douglas Shook, MD, FASE

Regional Workshop: Integrating Regional Anesthesia into a Cardiac 520AD Anesthesiology Practice

<u>Workshop Moderators:</u> Himani Bhatt, DO, MPA, FASE and Jessica Brodt, MBBS, FASA <u>Workshop Faculty:</u> Alexander Gregory, MD, FRCPC; McKenzie Hollon, MD, FASE; Marta Kelava, MD; Rebecca Klinger, MD, MS; Luca La Colla, MD, MSHI, ABPM-CI; Benu Makkad, MD; Samhati Mondal, MBBS, MD, FASE; Benjamin Salter, DO; and Daniel Tolpin, MD

COFFEE BREAK

2:30 PM - 3:00 PM

RESEARCH/COR-PM

2:30 PM - 3:00 PM Late-breaking Research Session (Non-CME) <u>Moderator:</u> Jochen Steppan, MD, DESA, DABA, FAHA, FASA See page 51 for full schedule. Foyer

517C

SATURDAY, APRIL 26, 2025

GENERAL SESSIONS

3:00 PM - 4:30 PM Artificial Intelligence in Cardiac Anesthesia: Are You Ready for the AI Wave? 518ABC Moderators: Michael Boisen, MD and Emily Mackay, DO, MS

Overview of Artificial Intelligence for the Clinician: Threats and Opportunities Harikesh Subramanian, MD, MS, ABPM, CI, DABA

Artificial Intelligence in Hemodynamic Monitoring and Management Tiffany Williams, MD, PhD

Artificial Intelligence in Cardiovascular Ultrasound Kirsten Steffner, MD

Al-assisted Preoperative Assessment and Optimization for Non-cardiac Surgery Among the Elderly Patients Yafen Liang, MD

Optimizing RBC Mass Before Major Surgery: Increasing Patient Safety and Decreasing Blood Transfusions



Moderators: Himani Bhatt, DO, MPA, FASE and Jacob Raphael, MD, FAHA

How Low Can You Go? Physiological Effects of Anemia and Its Impact on Outcomes After Cardiac and Thoracic Surgery

C. David Mazer, MD

Perioperative Anemia vs. RBC Transfusion: Is There a Lesser Evil? Jenny Kwak, MD

Transfusion Targets: Restrictive vs. Liberal in Cardiac Surgery and Acute MI – Are We Asking the Right Question? Jacob Raphael, MD, FAHA

How Do I Do It? The Evidence Supporting and the Logistics for Starting a Preoperative Anemia Service Before Surgery Seth Perelman, MD, FASA

How Much Will It Cost? Perioperative Anemia Management and the Return on Investment Michael Eaton, MD

SATURDAY, APRIL 26

RESEARCH/COR-PM

COR PM/Research 2: The Shifting Landscape of Anesthesia Research <u>Moderators:</u> Shahzad Shaefi, MD, MPH and Jochen Steppan, MD, DESA, DABA, FAHA, FASA

Maximizing Your Chance to Get NIH Funded Oluwaseun Akeju, MD, MMSc

Beyond the NIH – Patient-Centered Outcomes Research Institute (PCORI) Grants Mark Bicket, MD, PhD, FASA

Society and Industry Sponsored Research Anne Cherry, MD

VA Funding Matthias Riess, MD, PhD, FASA

FELLOW/RESIDENT

4:00 PM - 5:00 PM Fellow and Resident Posters: Session 2 (Non-CME) See pages 74 - 80 for full schedule.



FELLOW/RESIDENT

5:00 PM - 6:30 PM "Getting to Know You"- Program Meet and Greet

Exhibit Hall - 517D



517C

SUNDAY, APRIL 27, 2025

REGISTRATION OPEN 6:00 AM - 6:00 PM		Foye
PROBLEM-BASED LEARNING DISCUSSIONS WITH BRE 6:45 AM - 8:00 AM	AKFASI	
PBLD #13: Fun Had with Fon-VADs: Perioperative Management of the Fontan Patient: Undergoing Durable VAD Placement Moderators: David Preston, DO and Tiffany Williams, MD, PhD		5224
PBLD #14: Perfusion Emergencies Moderators: Micheal Eaton, MD; Gurinder Gill, MD; and Jessica Spence,	MD, PhD, FRCP	522E C
PBLD #15: Severe Right Ventricular Dysfunction After Cardiac Sur Everyone's Nightmare Moderators: John Augoustides, MD, FASE, FAHA and Andrew Maslow, M		5220
PBLD #16: VAD Emergencies Moderators: Christina Jelly, MD, MS and Jenny Kwak, MD		525A
PBLD #17: High Risk OB: HOCM and the Laboring Parturient Moderators: Caitlin Bradley, MD and Amanda Rhee, MD, MS		525E
BREAKFAST WITH EXHIBITORS	Exhibit Hall -	517E
7:00 AM - 8:00 AM		
PLENARY SESSION		
8:00 AM - 9:00 AM Earl Wynands Lecture: Hemodynamically Unstable, Why? <u>Moderators:</u> Jonathan Ho, MD, FASE and Tarit Saha, MD, FRCPC <u>Speaker:</u> Andre Denault, MD, PhD		517/
PLENARY SESSION		
9:00 AM - 10:30 AM Save the Valve! How to Ensure Success and Durability of the Valve Repair Moderators: Himani Bhatt, DO, MPA, FASE and Mariya Geube, MD, FASE	M╝CA	517/
Prediction of Successful Aortic Valve Repair by TEE - Things to Look For Andrej Alfirevic, MD		
One Technique Does Not Fit All – What Are My Options for Aortic Valve F Sheela Pai Cole, MD, FASE, FASA	Repair	
Prediction of Successful Mitral Valve Repair by TEE - Things to Look For Stanton Shernan, MD, FAHA, FASE		
<i>Resect or Respect – Choose Your Mitral Valve Repair</i> Eric Fried, MD		

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WORKSHOPS

9:30 AM - 11:30 AM

Tips and Tricks from the Editors: Anesthesia & Analgesia Reviewers Workshop

Workshop Moderator: Karsten Bartels, MD, PhD, MBA

Workshop Faculty: Karsten Bartels, MD, PhD, MBA; Anne Cherry, MD; Kimberly Howard-Quijano, MD, MS, FASE; Benedikt Preckel, MD, PhD, MA; Lisa Rong, MD, MSCE, FASE, FACC; and Nikolaos Skubas, MD, DSc, FACC, FASE

9:30 AM - 12:30 PM

Structural Heart and Electrophysiology Workshop: Ensuring Success 520AD in the Lab

Workshop Moderators: Michael Boisen, MD and Julie Wyrobek, MD Workshop Speakers: Diana Anca, MD; Michael Boisen, MD; and Charles Nyman, MBBCh Workshop Faculty: Andrew Disque, MD; Marco Julien, MD, FRCPC; Swanpnil Khoche, MD; Megan Kostibas, MD; Laeben Lester, MD; Sankalp Sehgal, MD; Richard Sheu, MD, FASE; and Douglas Shook, MD, FASE

COFFEE BREAK WITH EXHIBITORS

10:30 AM - 11:00 AM

GENERAL SESSIONS

11:00 AM - 12:30 PM **Choosing Successful Strategies in Transplantation – Snapchat Talks** 517C Moderators: Jiapeng Huang, MD, PHD, FASA, FASE and Christina Jelly, MD, MS

Preoperative Optimization of the Lung Transplant Patient Brett Wakefield, MD

Too Many Options, Too Few Great Options - The Evolution of Pain Management in Lung Marta Kelava, MD

Bridge to Heart Transplant From Mechanical Circulatory Support - Strategies and

Perioperative Implications Sreekanth Cheruku, MD, MPH, FASE, FCCM

Donation After Circulatory Death: Methods and Outcomes Joshua Knight, MD, FASE

Novelties in Liver Transplant? Chantal Mercier Laporte, MD, MEHP, FRCPC, FASE

Exhibit Hall - 517D



520BE

SUNDAY, APRIL 27, 2025

	makes the standard and standard and standard and standard
Late-Breaking Concepts in Cardiac Anesthesiology: What's New in 2025?	M [®] CA ^{517A}
Moderators: Peter Neuburger, MD, FASE and Nirvik Pal, MD	
<i>Management of Patients with Valvular Heart Disease: What's New in 2</i> Kiran Belani, MD, FASE, FACC	025?
Postoperative Care in Cardiac Surgery: What's New in 2025? John Augoustides, MD, FASE, FAHA	
Patient Blood Management: What's New in 2025? Nadia Hensley, MD	
EACTAIC Presents: Discussion of Leadership Moderator: Chirojit Mukherjee, MD, PhD, FASE, MBA	518ABC
<i>Women in Leadership: The Challenges and Benefits</i> Andrea Szekely, MD, PhD, FESAIC	
<i>Can Leadership be Learnt? The Subtle Nuances</i> Chirojit Mukherjee, MD, PhD, FASE, MBA	
<i>Leadership in Medicine: A Different Ballgame</i> Massimiliano Meineri, MD	
FELLOW/RESIDENT	
11:00 AM - 12:00 PM	
Fellow and Resident Posters: Session 3 (Non-CME) See pages 81 - 88 for full schedule.	516
12:00 PM - 1:00 PM	
"Best in Show" Complex Case Presentation (Non-CME) See page 55 for full schedule.	519AB
RESEARCH/COR-PM	
12:30 PM - 1:30 PM	
Scientific Program: Poster Session 1 (Non-CME) See pages 56 - 58 for full schedule.	516
LUNCH FOR ATTENDEES IN EXHIBIT HALL	Exhibit Hall - 517D
Non-CME Corporate Sponsored Symposium 12:30 PM - 1:30 PM	517B



GENERAL SESSIONS

1:30 PM - 3:00 PM An Individualized Approach to Enhanced Recovery After Cardiac Surgery

M²CA

517A

Moderators: Philip Kalarickal, MD, MPH and Samhati Mondal, MBBS, MD, FASE

Fundamentals of Identifying High Risk Patients Undergoing Cardiac Surgery Michael Conrad Grant, MD

Patient Reported Outcome Measures (PROM) Alexander Gregory, MD, FRCPC

The Multidisciplinary Team: Improving Quality, Safety and Patient Satisfaction Emily Teeter, MD

Ultra-Fast ERAS: Identifying Appropriate Candidates for Intraoperative Extubation Amit Bardia, MD

Fluids, Vasopressors, Inotropes, Oh My! The Basics of Goal Directed Therapy Seema Deshpande, MBBS, FASA

SCA/STS Session: I've Got Noisy Ants in my Pants - The Cardiac Surgical Team 517C Moderators: James Abernathy, MD, MPH and Douglas Shook, MD, FASE

Should We Be Stuck Together? Surgeon-Anesthesiologists Diad and Outcomes Michael Mathis, MD

"It's My Patient" - Surgeon as Team Leader Thoralf Sundt, MD

I'm Tied In NOTS About POTS and ANTS: Non-technical Skills in the Cardiac Operating Room Allison Janda, MD

Noise In the Operating Room – It's Music to My Ears (but Not Yours) Joyce Wahr, MD

SUNDAY, APRIL 27, 2025

RESEARCH/COR-PM

1:30 PM - 3:00 PM Our SCA Research Funding at Work: Grant Project Results, Impact, and Ongoing Work Moderators: Anne Cherry, MD and Louise Sun, MD, SM, FRCPC, FAHA	518ABC
<i>2021 MICoR Grant</i> Marta Kelava, MD	
2020 Mid-Career Grant, 2016 Starter Grant Michael Mazzeffi, MD, MPH, FASA	
2018 Mid-Career Grant Jochen Steppan, MD, DESA, DABA, FAHA, FASA	
FELLOW/RESIDENT	
1:30 PM - 4:30 PM Keys to Success: A Crash Course of Critical ACA Concepts (Non-CME) See page 55 for full schedule.	519AB
WORKSHOPS	
2:30 PM - 5:30 PM 3D TEE Workshop Workshop Moderators: Ankit Jain, MBBS, FASE, FASA, MBA and Choy Lewis, MD Workshop Speakers: Federico Asch, MD, FACC, FASE; Kiran Belani, MD, FASE, FACC, Charles Nyman, MBBCh Workshop Faculty: Andrej Alfirevic, MD; Marie-Eve Chamberland, MD; Abimbola Falo FASE, FASA; Marco Julien, MD, FRCPC; Laeben Lester, MD and Sawyer Naze, MD	-
Professional Development Workshop: Achieving Success in Cardiac Anesthesia - Skill-building Workshop for Professional Development and Career Advancement, and Leadership Workshop Moderators: Dalia Banks, MD; Sarah Smith, MD, MS; and Trevor Sutton, MD, MBA Workshop Speakers: Lavinia Kolarczyk, MD; Sasha Shillcutt, MD, MS, FASE; and Mac Swaminathan, MBBS, MD, MMCi Workshop Faculty: Amanda Fox, MD, MPH; Jonathan Leff, MD; Emily Methangkool, M MPH; Danny Muehlschlegel, MD, MMSC, MBA; Daryl Oakes, MD; Peter Panzica, MD; Andrew Shaw, MB, FRCA, FRCPC; Stanton Shernan, MD, FAHA, FASE; and Christopher Troianos, MD, FASE, FASA	۱D,

COFFEE BREAK WITH EXHIBITORS

Exhibit Hall - 517D

3:00 PM - 3:30 PM



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GENERAL SESSIONS

3:30 PM - 5:30 PMSignatureCode Shock! Building a Cardiogenic Shock Team and Treatment Plan517CModerators:Natalia Girardi, MD and Jochen Steppan, MD, DESA, DABA, FAHA, FASA

The Role of Anesthesiologists and Intensivists on a Cardiogenic Shock Team Siavosh Saatee, MD

The SCAI Is Not the Limit: Shock Stages and Treatment Strategies Marguerite Hoyler, MD

Smooth Landings: How to Utilize Mechanical Circulatory Support to Transition From ECMO Michael Mazzeffi, MD, MPH, FASA

ECMO to the Rescue or A Bridge Too Far? Ankur Srivastava, MD

Dissecting the Coronary Artery Bypass Controversies

Moderators: Mariya Geube, MD, FASE; Reed Harvey, MD; and Julie Wyrobek, MD

Off-pump or On-pump? Review of the History of OPCAB and Its Current Use Reed Harvey, MD

Total Arterial Revascularization – Reviewing Outcomes and Modern Trends Marta Kelava, MD

The Dilemma of Concomitant Valvular Lesions in the CABG Patient Feroze Mahmood, MD, FASE

Future Directions – Hybrid PCI/CABG, Intra-operative Flow Measurement, Synthetic Grafts and More Marc Ruel, MD, MPH, FRCSC, FCCS, FAHA, FACC

RESEARCH/COR-PM

 3:30 PM - 5:30 PM

 Best of Meeting Oral Abstracts and Early Career Investigator Awards:
 518ABC

 Session 1

<u>Moderators:</u> Anne Cherry, MD; Stephanie Ibekwe, MD, MBA, MPH, MS; and Shahzad Shaefi, MD, MPH See page 52 for session details.



MONDAY, APRIL 28, 2025

REGISTRATION OPEN	Foyer
6:00 AM - 6:00 PM	
PROBLEM-BASED LEARNING DISCUSSIONS WITH BREAKFAST	
6:45 AM - 8:00 AM	
PBLD #18: Lung Transplantation Management: Strategies, Tips, and Tricks	522A
Moderators: Daryl Oakes, MD and Brett Wakefield, MD	
PBLD#19: Unexpected Intra Operative Echo Findings: When Your Exam Shou	ld
Change the Surgical Plan (or Not)	522B
Moderators: Kiran Belani, MD, FASE, FACC and Anne Cherry, MD	
PBLD #20: Navigating High Risk Structural Heart	522C
Moderators: Diana Anca, MD and Sankalp Sehgal, MD	
PBLD #21: To Bleed or Not to Bleed: Assessing Blood Conservation Strategie	S
in Cardiac Surgery Patients	525A
Moderators: Emily Bergbower, MD, PhD and Prakash Patel, MD, FASE	
PBLD #22: Severe Pulmonary Hypertension and Non-cardiac Surgery	525B
Moderators: Sinead Nyhan, MD and Jochen Steppan, MD, DESA, D.ABA, FAHA, FASA	
BREAKFAST WITH EXHIBITORS Exhibit Ha	ll - 517D
7:00 AM - 8:00 AM	
CENERAL SESSION	
GENERAL SESSION	
7:00 AM - 10:00 AM	

Live Case Discussion with the Montreal Heart Institute Team: Isolated	518ABC
Tricuspid Regurgitation – Complex Isolated Tricuspid REDO Surgery,	
New Challenges in 2025	
Moderators: Himani Bhatt, DO, MPA, FASE; Rani Hasan, MD, MHS;	
Marco Julien, MD, FRCPC; and Jean-Sébastien Lebon, MD, FRCPC, BPharm	
Case Presentations: Tricuspid Regurgitation Undergoing Isolated TV Surgery (REDO)	
Tricuspid Regurgitation Undergoing T-TEER	
Marco Julien, MD, FRCPC and Jean-Sebastien Lebon, MD, FRCPC, BPharm	
MULMICS and TITEED Dragram Dragantation	

MHI MICS and T-TEER Program Presentation Jean-Sebastien Lebon, MD, FRCPC, BPharm

Heart Team Case Discussion – MICS TV Surgery VS T-TEER Denis Bouchard, MD, CM, MSc, FRCS

T-TEER in 2025 – What Have We Learned? Mary Beth Brady, MD, FASE

ICS TVR REDO: Monitoring and Preparation, New Challenges Marie-Eve Chamberland, MD



Endovascular Aortic Clamping – Clinical Use and TEE Positioning Regina Linganna, MD

Return of the Endovascular Coronary Sinus Catheter Jean-Sébastien Lebon, MD, FRCPC, BPharm

MICS TVR REDO: Endovascular Aortic Clamping, Endovascular VC Occlusion, Surgical Exposure

Denis Bouchard, MD, CM, MSc, FRCS and Marie-Eve Chamberland, MD

What Role for the Cardiac Anesthesiologist in the Interventional Cardiology Team, Now and in the Future Burkhard Mackensen, MD, PhD, FASE, FSCAI

T-TEER – Live Case Louis-Philippe David, MD and Ralph Stephan von Bardeleben, MD

From the Hybrid Room: Management of TR – What's Next Marco Julien, MD, FRCPC

PLENARY SESSION

8:00 AM - 10:00 AM Anti-coagulation and Hemostasis Challenges in Cardiac Surgery MOCA 517A and ICU Patients Mederators: Renew Henderson, MD and Jacob Renhael, MD, EAHA

Moderators: Reney Henderson, MD and Jacob Raphael, MD, FAHA

Ticagrelor Yesterday, CABG Today, OK? Perioperative Management of Patients Who Require Urgent Surgery After Administration of Platelet Inhibitors Jenny Kwak, MD

My Patient Took Apixaban. Should I Give Andexanet Alpha? Management of Patients on DOACs Who Require Emergent Cardiac Surgery Ashley Budd, MD

Using Factor Concentrates to Treat Coagulopathic Bleeding After CPB: What Does the Evidence Show? Jacob Raphael, MD, FAHA

My Patient Has HIT Antibodies: Diagnosis and Management of Heparin Induced Thrombocytopenia in the Context of Surgery and ICU Care Michael Mazzeffi, MD, MPH, FASA

APLA, Heparin Resistance, Protamine Reactions and Other (anti) Coagulation Conundrums Kenichi Tanaka, MD, MSc

Panel Discussion and Q&A C. David Mazer, MD and Linda Shore-Lesserson, MD, FAHA, FASE, FASA

MONDAY, APRIL 28, 2025

WORKSHOP

	9:30 AM - 12:30 PM Advanced Perioperative POCUS Workshop Workshop Moderators: McKenzie Hollon, MD, FASE and Agnieszka Trzcin Workshop Speakers: Megan Chacon, MD; Abirami Kumaresan, MD; and Nicholas Markin, MD, FASE Workshop Faculty: Bradley Coker, MD; Amy Duhachek-Stapelman, MD; C Laporte, MD, MEHP, FRCPC, FASE; Jacques Prince Neelankavil, MD; Shee FASE, FASA; and Walker Thomas, MHPTT, FASE, RDCS	ka, MD, FASE Chantal Mercie	er
	COFFEE BREAK WITH EXHIBITORS	Exhibit Hall	- 517D
L	10:00 AM - 10:30 AM		
	PLENARY SESSION		
	10:30 AM - 11:00 AM ASA Update (Non-CME) Donald Arnold, MD, FACHE, FASA		517A
	11:00 AM - 12:00 PM Keynote Address: The Importance of Physician Leadership for Toda Healthcare Challenges Moderator: Kathryn Glas, MD, MBA Speaker: Christopher Troianos, MD, FASE, FASA	ay's	517A
	12:00 PM - 12:30 PM Business Meeting and Awards (Non-CME)		517A
	LUNCH FOR ATTENDEES IN EXHIBIT HALL	Exhibit Hall	- 517D
	Non-CME Corporate Sponsored Symposium		517B

12:30 PM - 1:30 PM

RESEARCH/COR-PM

12:30 PM - 1:30 PM Scientific Program: Poster Session 2 See pages 59-62 for session details.

GENERAL SESSIONS

1:30 PM - 3:30 PM Anatomy of a Lawsuit: What Every Cardiac Anesthesiologist Should Know Moderators: Michael Mazzeffi, MD, MPH, FASA and Agnieszka Trzcinka, MD, FASE

When Stakes are Very High: Why do Cardiac Anesthesiologists get Sued? John McNeil, MD

When Facing a Lawsuit, Think Like a Lawyer Marissa McLean, JD, RN

Bad Outcome Does NOT Necessarily Equal a Lawsuit! David Zvara, MD, FASA

Facing Scrutiny During Lawsuit: How to Manage the Crisis for Faculty Daryl Oakes, MD

Multidisciplinary Beginner Course in Structural Heart Echocardiography - Short, Sweet, and to the Point!

Moderators: Mary Beth Brady, MD, FASE and Richard Sheu, MD, FASE

Left Atrial Appendage Closure Procedures – Tips, Tricks, Troubleshooting Reed Harvey, MD

Interventional Echocardiography for Transcatheter Mitral Valve Repair Mary Beth Brady, MD, 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 Charles Nyman, MBBCh

517C

516





MONDAY, APRIL 28, 2025

and Grow Moderators: Bantayehu Sileshi, MD and Trevor Sutton, MD, MBA My Journey at the SCA: A Perspective from a Researcher and Clinician Scientist Matthew Fischer, MD, MS My Journey at the SCA: A Perspective from A Female Cardiothoracic Anesthesiologist Seema Deshpande, MBBS, FASA

The Voices of SCA Members: Fostering SCA as a Place to Belong

My Journey at the SCA: A Perspective from A Foreign Medical Graduate and Cardiothoracic Anesthesiologist Samhati Mondal, MBBS, MD, FASE

My Journey at the SCA: A Perspective from A Private Practice Cardiothoracic Anesthesiologist Trevor Sutton, MD, MBA

SCA as a Home for ALL of Us: A Perspective from SCA Leadership Member Stanton Shernan, MD, FAHA, FASE

COFFEE BREAK

3:30 PM - 3:45 PM

3:45 PM - 5:45 PM Adult Congenital Heart Disease: When You Are the Expert

Moderators: Tara Brakke, MD, FASE and Jessica Brodt, MBBS, FASA

Unpacking Repaired and Palliated Congenital Heart Disease Alex Mittnacht, MD

Wayfinding in ACHD Echo Annette Vegas, MD, FRCPC, FASE

General Principles for Perioperative Care of ACHD Patients (Non-obstetric, Non-transplant) Tiffany Williams, MD PhD

Obstetric Patients With Comorbid ACHD Ethan Jackson, MD

ACHD for Transplants, with a Focus on Multi Organ Recipients Ingrid Moreno-Duarte, MD



Foyer



518ABC



GENERAL SESSIONS

3:45 PM - 5:45 PM 518ABC Navigating the Opioid Crisis in Cardiothoracic Surgery Moderators: Samhati Mondal, MBBS, MD, FASE and Amanda Rhee, MD, MS Introduction Glenn Gravlee, MD History of Opioids and Cardiac Anesthesia Edward Lowenstein, MD Current Landscape of Opioid-based Analgesia in Cardiothoracic Surgery Benu Makkad, MD Evidence-based Approach to Perioperative Pain Management of Thoracic Surgical Patients Wanda Popescu, MD Evidence-based Approach to Perioperative Pain Management of Cardiac Surgical Patients Sibtain Anwar, MD Opioid Stewardship Initiatives and the Cardiothoracic Anesthesiologist Kimberly Hollander, MD

Super Echo

Moderators: McKenzie Hollon, MD, FASE and Kelly Ural, MD Panelists: Promise Ariyo, MD, MPH; Amy Duhachek-Stapelman, MD; Jacques Prince Neelankavil, MD; and Charles Nyman, MBBCh See page 51 for session details.

RESEARCH/COR-PM

3:45 PM - 5:45 PM **Best of Meeting Oral Abstracts and Early Career Investigator Awards:** 517C Session 2 (Non-CME) Moderators: Anne Cherry, MD; Andra Duncan, MD, MS and Stephanie Ibekwe, MD, MBA, MPH, MS See page 53 for session details.

524ABC

TUESDAY, APRIL 29, 2025

REGISTRATION OPEN	Foyer
6:00 AM - 6:00 PM	
PROBLEM-BASED LEARNING DISCUSSIONS WITH BREAKFAST	
6:45 AM - 8:00 AM PBLD #23: Sedation for High-risk Patients: The ABCs of Avoiding Disaster <u>Moderators:</u> Amy Duhachek-Stapelman, MD and Laeben Lester, MD	522A
PBLD #24: Complications in the ICU: Preventing Afib, Coagulopathy and AKI <u>Moderators:</u> Natalia Girardi, MD and Lee Goeddel, MD, MPH	522B
PBLD #25: Taking the Mystery Out of the Mitral Valve Moderators: Burkhard Mackensen, MD, PhD, FASE, FSCAI and Alina Nicoara, MD, FASE	522C
PBLD #26: Pulmonary Thromboendarterectomy Pearls and Pitfalls Moderators: Draginja Cvetkovic, MD and Swapnil Khoche, MD	525A
PBLD #27: My Patient Is on ECMO, Now What? Ask the Experts Moderators: Ashley Budd, MD and Jacob Gutsche, MD	525B
BREAKFAST WITH EXHIBITORS	517D
7:00 AM - 8:00 AM	
GENERAL SESSIONS	
GENERAL SESSIONS	
8:00 AM - 10:00 AM	24ABC
8:00 AM - 10:00 AM Live Case Discussion with the Montreal Heart Institute Team: Advanced 5. Surgery for Aortic Valve Insufficiency	24ABC
8:00 AM - 10:00 AMLive Case Discussion with the Montreal Heart Institute Team: AdvancedSurgery for Aortic Valve InsufficiencyModerators:Himani Bhatt, DO, MPA, FASE and Marie-Eve Chamberland, MDCase Presentation: Isolated Aortic Insufficiency	24ABC
8:00 AM - 10:00 AM 5. Live Case Discussion with the Montreal Heart Institute Team: Advanced 5. Surgery for Aortic Valve Insufficiency 5. Moderators: Himani Bhatt, DO, MPA, FASE and Marie-Eve Chamberland, MD 6. Case Presentation: Isolated Aortic Insufficiency 7. Marie-Eve Chamberland, MD 7. Intraoperative TEE Evaluation for Aortic Valve Repair	24ABC
 8:00 AM - 10:00 AM Live Case Discussion with the Montreal Heart Institute Team: Advanced Surgery for Aortic Valve Insufficiency Moderators: Himani Bhatt, DO, MPA, FASE and Marie-Eve Chamberland, MD Case Presentation: Isolated Aortic Insufficiency Marie-Eve Chamberland, MD Intraoperative TEE Evaluation for Aortic Valve Repair Maria Rosal Martins, MD Intraoperative Surgical Valve Analysis with Focus on Mechanisms of Insufficiency 	24ABC
 8:00 AM - 10:00 AM Live Case Discussion with the Montreal Heart Institute Team: Advanced Surgery for Aortic Valve Insufficiency Moderators: Himani Bhatt, DO, MPA, FASE and Marie-Eve Chamberland, MD Case Presentation: Isolated Aortic Insufficiency Marie-Eve Chamberland, MD Intraoperative TEE Evaluation for Aortic Valve Repair Maria Rosal Martins, MD Intraoperative Surgical Valve Analysis with Focus on Mechanisms of Insufficiency Philippe Demers, MD, MSc, FRCSC TEE Assessment of the Aortic Valve & Root: What Every Repair Surgeon and Echo Anesthesiologist Needs to Know 	24ABC



"The Valve Leaks" – Should We Go Back on Pump to Repair/Replace the Valve: Panel Discussion with Surgeons and Anesthesiologists Marie-Eve Chamberland, MD

Surgical Results from the OR Philippe Demers, MD, MSc, FRCSC, Georges Desjardins, MD and Maria Rosal Martins, MD

The Forgotten Ventricle and the Downward Spiral: How to Salvage?

Moderators: Dalia Banks, MD and Reed Harvey, MD

Echocardiographic Assessment of RV Alina Nicoara, MD, FASE

Right Ventricular Dysfunction Following Cardiac Surgery: Pharmacologic Strategies to Salvage the Right Ventricle Andre Denault, MD, PhD

Managing the Failing Right Heart in the Critical Care Arena Andra Duncan, MD, MS

Anesthesia for Pulmonary Thromboendarterectomy Swapnil Khoche, MD

The Times, They Are a Changin': Hot Topics in ACTA/Anesthesiology Education 518ABC <u>Moderators:</u> Jennifer Hargrave, DO and Sarah Smith, MD, MS

Time vs. Ability – Are we Ready to Embrace Milestone Competencies in our Training Programs? Annemarie Thompson, MD

"Please Sir, May I Have Some More?" Providing the Feedback Our Trainees Truly Need and Want Benjamin Salter, DO

Echo Education: Have We Stalled as Educators, Is It Time for Increased Standardization and What Is New on the Horizon? Kimberly Howard-Quijano, MD, MS, FASE

The Compromised Trainee: Recognition, Process and Moving Forward Kelly Ural, MD

WORKSHOP

9:00 AM - 12:00 PM 3D TEE Workshop

520AD

Workshop Moderators: Ankit Jain, MBBS, FASE, FASA, MBA and Choy Lewis, MD Workshop Speakers: Federico Asch, MD, FACC, FASE; Kiran Belani, MD, FASE, FACC; and Charles Nyman, MBBCh Workshop Faculty: Abimbola Faloye, MD, FASE, FASA; Marco Julien, MD, FRCPC; Joseph Kamassai, MD; Laeben Lester, MD; Sawyer Naze, MD; Aidan Sharkey, MD; and Brett Wakefield, MD

517C

SCIENTIFIC PROGRAM

ruesday, April 29

TUESDAY, APRIL 29, 2025

COFFEE BREAK WITH EXHIBITORS

10:00 AM - 10:30 AM

GENERAL SESSIONS

10:30 AM - 12:00 PM Acute Kidney Injury – Predict, Avoid, Manage, and Treat Moderators: Amanda Fox, MD, MPH and Philip Kalarickal, MD MPH

AKI - A Rationale Approach to Preoperative Evaluation - What Says the Science? David McIlroy, MBBS, MD, MCIinEpi

Can CBP Play Nice with the Kidney? Intraoperative Strategies for Kidney Protection During CPB Jacob Raphael, MD, FAHA

Caring for the Kidney in the ICU Lee Goeddel, MD, MPH

AKI Biomarkers: Should They be Used Routinely in Daily Clinical Practice? Amanda Kleiman, MD

How to Create a Quality Improvement Program that Sticks

<u>Moderators:</u> Samhati Mondal, MBBS, MD, FASE; Amanda Rhee, MD, MS; and Kenichi Tanaka, MD, MSc

Process Improvement Methodologies Lida Shaygan, DO

Process Improvement Tools and Their Application Amanda Rhee, MD, MS

Change Management: How to Generate Buy-in Miklos Kertai, MD, MMHC, PhD

Quality Initiative Pitfalls and Solutions James Abernathy, MD, MPH

LUNCH ON YOUR OWN

12:00 PM - 1:00 PM

RESEARCH/COR-PM

12:00 PM - 1:00 PM Scientific Program: Poster Session 3 (Non-CME) See pages 63 - 65 for session details.





516

Exhibit Hall - 517D



MOCA 524ABC

GENERAL SESSIONS

1:00 PM - 2:30 PM Keeping Up with The EP Lab

Moderators: Dalia Banks, MD and Agnieszka Trzcinka, MD, FASE

Catheter-Based Ablations: What's New and What do I Need to Know as an Anesthesiologist? Sankalp Sehgal, MD

Evolving Needs in EP: Expanding Services, Practice Management, and Emergency Preparedness Diana Anca, MD

Cardiac Implantable Electronic Devices (CIED), Wired and Ready! Andrew Disque, MD

Pearls of Wisdom for Lead Extraction: Risk Stratification, Anesthetic Consideration and Averting Disasters Swapnil Khoche, MD

Navigating the Evolving Financial Terrain: Impacts of Legislative518ABCChanges and Strategies for Adding Value in Cardiac Anesthesiology518ABC

<u>Moderators:</u> Stephanie Ibekwe, MD, MBA, MPH, MS and Matthew Klopman, MD, MBA, FASA, FASE

Has "No Surprise Billing" Affected Anesthesiology? -- Three Years Later, An Update Amanda Rhee, MD, MS

QI – Improving Value by Improving Quality Christopher Troianos, MD, FASE, FASA

Role of Value-Added Care by Cardiothoracic Anesthesiology and Impact on Outcomes After Cardiac Surgery Promise Ariyo, MD, MPH

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

TAS for SCA: Sticky Points in Thoracic Anesthesia

Moderator: Rebecca Klinger, MD, MS

I Want to Echo, but When Is It Useful in Thoracic Surgery? Angela Pollak, MD ECMO to the Rescue Amanda Kleiman, MD

New Procedures in Thoracic Surgery Alessia Pedoto, MD, FASA 517C

TUESDAY, APRIL 29

TUESDAY, APRIL 29, 2025

GENERAL SESSIONS

2:30 PM - 4:00 PM MQCA 524ABC **Aortic Disasters and Rescues** Moderators: Mariya Geube, MD, FASE and Ankit Jain, MBBS, FASE, FASA, MBA Dissection Dilemmas: Challenging Decisions at the Bedside Natalia Girardi, MD Aortic Emergencies in the Pregnant Patient Amanda Rhee, MD, MS Is Total Arch Replacement Worth the Time or Time-consuming in Aortic Dissection? Shiva Sale, MD Best Practices in Neuroprotection During Hypothermic Circulatory Arrest Joshua Knight, MD, FASE

What's the Latest in ECMO and ECLS?

Moderators: Christina Jelly, MD, MS and Michael Mazzeffi, MD, MPH, FASA Bivalirudin vs. Heparin vs. No Anticoagulation for ECMO – Where Are We Now? Marguerite Hoyler, MD LV Unloading Strategies for Peripheral VA ECMO – Is There a Best Strategy? Siavosh Saatee, MD ECPR - Exploration of Recent Clinical Trial Data Jai Madhok, MD Anesthesiologist Led ECMO Service - What Could the Future Look Like Jerome Crowley, MD, MPH

PLENARY SESSION

4:00 PM - 5:30 PM Echocardiographic Extravaganza: Things You Should Know but Might Not! 517A Moderators: Mary Beth Brady, MD, FASE and Jennifer Hargrave, DO Mitral Valve Regurgitation - Repair? Replace? Reconsider for Transcatheter Options? Douglas Shook, MD, FASE Tricuspid Trivia – A Review of Tricuspid Regurgitation Management Nicholas Markin, MD, FASE That Pesky Left Atrium - Smoke? Sludge? True clot? And How to Tell the Difference Reed Harvey, MD Aortic Valve Stenosis - What to Say When the Numbers Don't Add Up Annette Vegas, MD, FRCPC, FASE

CLOSING WINE AND CHEESE RECEPTION 5:30 PM - 6:15 PM

Fover



Late-breaking Research Session (Non-CME) Saturday, April 26 2:30 PM - 3:00 PM

Moderator: Jochen Steppan, MD

Direct Reinfusion of Unwashed Shed Autologous Blood During Thoracoabdominal Aortic Aneurysm Repair: A Retrospective Analysis Thomas Powell, MD

Potassium Supplementation and Prevention of Atrial Fibrillation After Cardiac Surgery -The TIGHT K Randomized Clinical Trial Benjamin O'Brien, MD, PhD

Super Echo (Non-CME) Monday, April 28 3:45 PM - 5:45 PM

<u>Moderators:</u> McKenzie Hollon, MD, FASE and Kelly Ural, MD <u>Panelists:</u> Promise Ariyo , MD, MPH; Amy Duhachek-Stapelman, MD; Jacques Prince Neelankavil, MD and Charles Nyman, MBBCh

Evolving Technologies in Echocardiography Ansel Jhaveri, MD; Aidan Sharkey, MD; and Feroze-Ud-Din Mahmood, MD

Big MAC with a Side of Clips: A Therapeutic Option for Severe Mitral Regurgitation in the Setting of Severe Mitral Annular Calcification

Christopher J. Kim, MD; David Benavides Zora, MD; Feroze-Ud-Din Mahmood, MD; and Aidan Sharkey, MD

The Critical Role of Echocardiography in the Intraoperative Management of a Ruptured Sinus of Valsalva Aneurysm: A Case Report William Kang, MD and Ali Khalifa, MD

Left Ventricular Outlet with Two Aortic Valves: How a Shifting Valve Shifted the Surgical Risk Joshua D. Dewalt, MD; Michael S. Massey, MD; Crystal Mccabe, MD; and Ezeldeen Abuelkasem, MD, MSc, FASE

Spontaneous Closure of Perimembranous Ventricular Septal Defect by Tricuspid Valve Leaflet

Andrea Rivero, DO; Blake D. Winston, DO; James Phillips, MD; Alina Nicoara, MD; Sundar Krishnan, MD; and Yasmin Maisonave, MD

Left Ventricular Pseudoaneurysm After Atrioventricular Groove Disruption Brian J. Kinsman, MD, PhD; Elizabeth R. Hall, MD; and Shu (Denis) Lu, MD

BEST OF MEETING ORAL ABSTRACTS

Best of Meeting Oral Abstracts and Early Career Investigator Awards: Session 1 (Non-CME) Sunday, April 27 3:30 PM - 5:30 PM

<u>Moderators:</u> Anne D. Cherry, MD, FASE, Stephanie Ibekwe, MD, MBA, MPH, MS and Shahzad Shaefi, MD, MPH

Early Career Investigator Award

Go with the (Optical) Flow: A Novel Method for the Echocardiographic Quantification of Right Ventricular Function Using an Explainable Deep-learning Assisted Approach Nicolas Quach, MD and Kirsten Steffner, MD

Early Career Investigator Award

Systemic Inflammation and Metabolic Dysregulation After Cardiac Surgery: A Pathway to Delirium in the Cognitively Vulnerable Patient Kwame Wiredu, MD, PhD; Tina McKay, PhD; Jason Qu, MD and Oluwaseun Akeju, MD, MMSc

Early Career Investigator Award

Advocating for Healthcare Policy Reform: Addressing Reimbursement Gaps for Rescue TEEs Performed by Cardiovascular Anesthesiologists Serena Dasani, MD, MBA; Gavin Ovsak, MD, MBA; Rosemary Kelley, MD; Sergey Karamnov, MD and Douglas Shook, MD

Best of Meeting

Beat to Beat Assessment of Right Ventricular Function Using Pressure-volume Relationships Derived from a Pressure-only Model: Implications for Bedside Monitoring

Paul Heerdt, MD, PhD; Felix Glocker, MS; and Akhilesh Sista, MD

Best of Meeting

Latent Subtypes of Cardiac Surgery-Associated Chronic Kidney Disease Progression: A Multicenter Machine Learning Study of Granular Perioperative Features

Erik Roberts, MD, PhD; Jie Cao, PhD, MPH, MA; Emily Balczewski, PhD; Allison Janda, MD; and Michael Mathis, MD

Best of Meeting

Association of Congestive Heart Failure and Post-Operative Atrial Fibrillation: A Hidden Culprit in Cardiac Surgery Outcomes

Kate Frost, MD; Samuel Justice, PhD; CHIA Consortium; Simon Body, MD, MPH; Danny Muehlschlegel, MD, MMSc, MBA; and Sergey Karamnov, MD

Best of Meeting

Transcutaneous Vagal Nerve Stimulation for Postoperative Atrial Fibrillation in Cardiac Surgery Patients (STOP-AF): A Pilot Study Inkyung Song, MD, PhD; Marmar Vaseghi, MD; Maryam Emamimeybodi, MD; Reed Harvey, MD; Matthew Fischer, MD, MS; Joseph Meltzer, MD; Jacques Prince Neelankavil, MD; Stavros Stavrakis, MD, PhD; and Jonathan Ho, MD, FASE

Best of Meeting

Preoperative Pulmonary Artery Pulsatility Index Is Associated With Acute Kidney Injury After Bilateral Lung Transplantation

Jason N. Batten, MD, MA; Reed Harvey, MD; Jacques Prince Neelankavil, MD; Tiffany Williams, MD, PhD; and Louis Saddic, MD PhD

Best of Meeting

Intraoperative Anti-hypertensive Infusion Practice Patterns in Cardiac Surgery Allison M. Janda, MD; Courtney Burns, BSE;

Granciela Mentz, PhD; Siyu Ma, PhD; Anthony Compton, PharmD; Douglas Colquhoun, MB ChB, MPH, MSc; Edwin Avery, MD; Hijrah El-Sabae, PharmD; and Michael Mathis, MD

Best of Meeting

Risk Prediction of Acute Kidney Injury in Elective Cardiac Surgery

Blake Winston, DO; Yi-Ju Li, PhD; Negmeldeen Mamoun, MD, PhD; Anne Cherry, MD, FASE; and Michael Manning, MD, PhD

Best of Meeting

Mitral Annular Override as a Predictor of Systolic Anterior Motion After Mitral Valve Repair Mike Yamakawa, MD; Lauren Cornella, MD; Andrew Snavely, MD and David Stein, PhD, MS

BEST OF MEETING ORAL ABSTRACTS

Best of Meeting Oral Abstracts and Early Career Investigator Awards: Session 2 (Non-CME) Monday, April 28 3:45 PM - 5:45 PM

<u>Moderators:</u> Anne Cherry, MD, FASE; Andra Duncan, MD, MS, FASE and Stephanie Ibekwe, MD, MBA, MPH, MS

Early Career Investigator Award

A Novel Method for Real-time Measurement and Clinical Application of Mean Systemic Filling Pressure in the Cardiac ICU Benjamin Steinhorn, MD, PhD; Aaron Aguirre, MD, PhD and Raimon Padros I Valls, MS

Early Career Investigator Award

Pre-Transplant Blood Transfusion and Outcomes in Lung Transplant Recipients

Anjan Saha, DO; Claire Ann Joseph, DO; Jonathan Leff, MD; Ibraheem Karaye, MD, DrPH; Yitzchak Dayan, MD; Yair Miller, MD and Stephen Forest, MD

Early Career Investigator Award

Right Ventricular Pressure-Strain Loop-Derived Global Myocardial Work in Patients Undergoing Left Ventricular Assist Device Implantation Sherman Yu, MD; Mary Cooter Wright, MS; Alina Nicoara, MD; Anne Cherry, MD, FASE; Crosby Culp, MD and Katherine Sun, MD

Best of Meeting

Preoperative Iron Deficiency Anemia is Associated with Increased Postoperative Atrial Fibrillation Following Cardiac Surgery Una Choi, MD; Domagoj Mladinov, MD; David

Hepner, MD, MPH; Jean Connors, MD and Nadia Hensley, MD

Best of Meeting

Thoracic Epidural Placement in Heavily Sedated and Intubated Patients Status Post Lung Transplant

Matthew Stiles, MD; Negmeldeen Mamoun, MD, PhD; Mary Cooter Wright, MS; Omar Al-Qudsi, MD and Brandi Bottiger, MD

Best of Meeting

Increased Mobility and New Atrial Fibrillation after Cardiac Surgery

Sreekanth R. Cheruku, MD, MPH and Amanda Fox, MD, MPH

Best of Meeting

Outcomes and Early Predictors of Mechanical Circulatory Support During Single Lung Transplant for Secondary Pulmonary Hypertension: A Large Single-Center Experience Sean Baskin, DO; Danielle Alexis Pulton, MD; Dhruv Vasant, MD; Hiromu Kehara, MD, PhD and Sankalp Sehgal, MD

Best of Meeting

Diagnostic Performance of Pressure Gradients in Assessing Membrane Health During ECMO Jonathon Schwartz, MD; Giancarlo Sabetta; Erin Morrisroe; Jonathan Aminov; Saleem Zaidi, MD and Wei Yin, PhD

Best of Meeting

Intrathecal Morphine in Open Thoracoabdominal Aortic Aneurysm Repair

Yu-Hua K. Cheng, MD; Quan-Tao Chen, MD; Yun-Fei Han, MD; Wei-Guo Ma, MD, PhD and Wei-Qin Huang, MD

Best of Meeting

Timing Matters: COVID-19's Impact on CABG Outcomes Based on Infection Timing and Pandemic Phase

Henry Hoang; Danielle Nogoy, MD; Imran Sharaf, MD; Bilal Tufail, MD; Felix Borngaesser, MD; Ibraheem M. Karaye, MD, DrPH; Erik Romanelli, MD and Jonathan Leff, MD

Best of Meeting

Distinct microRNA Signatures in Patients Developing Acute Atrial Fibrillation after Coronary Artery Bypass Surgery: New Insights

Adil Á. Manji, MD; Paul Ambarus, MD; Usman Ahmed, MD; Juan Valencia, MD; Huma S. Hussain, MD; Yifan Bu, MD; Feroze-Ud-Din Mahmood, MD; Kamal Khabbaz, MD; Robina Matyal, MD and Mark Robitaille, MD

FELLOW & RESIDENT PROGRAM

Fellow and Resident: Poster Session 1 (Non-CME) Saturday, April 26 11:00 AM - 12:00 PM See pages 66 -73 for full schedule.

Mission Possible—Guidance for the Next Chapter (Non-CME) Saturday, April 26 1:00 PM - 2:00 PM

Echo Essentials Masterclass (Non-CME) Saturday, April 26 2:00 PM - 3:30 PM Moderators: Brandi Bottiger, MD and Jennifer Hargrave, DO

To the Left to the Left, To the Right to the Right: Echocardiography Guidance of Micro Axial Emily MacKay, DO, MS

Is Two Really Better Than One?: Combined Aortic and Mitral Regurgitation and Echocardiography Assessment Challenges Perin Kothari, MD

Like Pushing Against a Brick Wall: Right Ventricular Dysfunction and Pulmonary Hypertension Alice Whyte, MD

Fellow and Resident: Poster Session 2 (Non-CME) Saturday, April 26 4:00 PM - 5:00 PM See pages 74-80 for full schedule.

"Getting to Know You" - Program Meet and Greet (Non-CME) Saturday, April 26 5:00 PM - 6:30 PM <u>Moderators:</u> Brandi Bottiger, MD and Jennifer Hargrave, DO

Fellow and Resident: Poster Session 3 (Non-CME) Sunday, April 27 11:00 AM - 12:00 PM See pages 81-88 for full schedule.

"Best in Show" Complex Case Presentation (Non-CME) Sunday, April 27 12:00 PM - 1:00 PM

<u>Moderators:</u> Brandi Bottiger, MD and Jennifer Hargrave, DO <u>Panelists:</u> Susan Eagle, MD; Jacques Prince Neelankavil, MD; and Annemarie Thompson, MD

Case Series: Left Ventricle Microaxial Pump Support for Ventricular Septal Defect with Cardiogenic Shock

Richard Chen, MD; Satoshi Hanada, MD; Andrew Feider, MD and Aric Aldrich, MD

Awake Mitraclip In Patient With Prior Blalock-Taussig-Thomas Shunt and Lateral Caval Fontan Abby Lawson, MD and Joshua Roach, MD

Left Atrial Appendage Inversion After LVAD Placement Alexander McRae and Gloria Rodriguez, MD

Anesthetic Management of First BiVACOR Recipient: Total Artificial Heart of the Future Alexandra Waits, MD and Thomas Powell, MD

Heart-After-Liver Transplant to Circumvent High Panel Reactive Antigens Requiring Quadruple Cannulation Extracorporeal Membrane Oxygenation Converted to Cardiopulmonary Bypass Lai Jiang, MD; Niki Dietz, MD; Suraj Yalamuri, MD and Marissa Kauss, MD

Keys to Success: A Crash Course of Critical ACA Concepts (Non-CME) Sunday, April 27 1:30 PM - 4:30 PM

Moderators: Brandi Bottiger, MD and Jennifer Hargrave, DO

Hypothermic Circulatory Arrest Hesham Ezz, MD

Perioperative Anticoagulation Management Jerrold Levy, MD

Best Practices for Cardiopulmonary Bypass Ashley Budd, MD

Cardiac Devices—Indications, Contraindications and When Should You Cancel? Nathan Waldron, MD, MHS

The Adult Congenital Heart Disease Patient: Challenges and Best Practices During Challenging Scenarios Kan Zhang, MD

A Deep Dive Into Waves: Intracardiac Monitoring Essentials Luai Zakaria, MD

Poster 1 • Sunday, April 27 • 12:30pm-1:30pm

KIOSK 1 • BASIC SCIENCE Moderator: Matthias Riess, MD, PhD, FASA

Poster 1	Sophie Higgins, MD	Heparin and Protamine Ratios for Full Heparin Reversal in Large Academic Center
Poster 2	Akiko Kawakami, MD, PhD	Inhibitory Effect of Intranasal Insulin Administration on Hippocampal Infiltration of
		Activated Microglia in a Rat Model of Extracorporeal Circulation: A Pilot Study
Poster 3	Emily Look, CCP, LP	Temperature Recovery in the ICU Following Circulatory Arrest Cases in Academic
		Hospital

KIOSK 2 • CARDIOVASCULAR ANESTHESIA TRANSPLANT Moderator: Ali Salehi, MD FASA

Poster 1	Yoshio Tatsuoka, MD	Intraoperative Albumin Use and Primary Graft Dysfunction in Lung Transplantation
Poster 2	Joseph Williams, MD	Effect of Fibrinogen Concentrate vs Cryoprecipitate in Orthotopic Heart Transplant
Poster 3	Thomas Bunning, MD	Intraoperative Mannitol During Lung Transplantation is Not Associated with Primary
		Graft Dysfunction or Acute Kidney Injury

Poster 4 Robert Sutter, MD Transesophageal Echocardiography and Dysphagia in Lung Transplantation

KIOSK 3 • CARDIOVASCULAR ANESTHESIA- AORTIC SURGERY/MISC Moderator: Hong Liang, DO

Poster 1	Nicolas Kumar, MD	Entrapment of Pulmonary Artery Catheters in Cardiac Surgery: A Systematic Review
		of Case Reports and Series
Poster 2	Sean Randazzo, MD	Increased Dependence On Albumin Fluid Resuscitation In Cardiac Surgery During
		Intravenous Fluid Shortage
Poster 3	Eric Do, MD	Predictors of Bowel Ischemia after Cardiac Surgery
Poster 4	Joshua Purvis, MD	Pulmonary Artery-to-Body Surface Area Ratio Does Not Predict Worse Postoperative
		Outcomes in Patients with Acute Type A Aortic Dissections
Poster 5	Ahsan Omer, BS	Leiomyomatosis Peritonealis Disseminata with Intracardiac Mass: A Case Report
Poster 6	William Cates, DO	Complications Following Lumbar Drain Placement in Patients with Connective
		Tissue Disease Undergoing Endovascular or Open Repair of Thoracic and
		Thoracoabdominal Aortic Pathologies

KIOSK 4 • CARDIOVASCULAR ANESTHESIA- PRACTICE MGMT/MISC Moderator: Matthew A. Fischer, MD, MS

Poster 1	Jennifer Nam, MD, MBA	Race Deepens Sex Differences in the Age of Presentation for Thoracic Aortic
		Dissections
Poster 2	Megan Chung, BA	Analyzing Demographic Representation in Cardiothoracic Anesthesiology and
		Thoracic Surgery through Text-to-Image Generators
Poster 3	Kevin Merola, MD	Achieving Optimal Thermal Softening of Double Lumen Tubes to Decrease Risk of
		Airway Injury

SCIENTIFIC PROGRAM

Poster 1 - Sunday, April 27 - 12:30pm-1:30pm

KIOSK 5 • CASE REPORTS Moderator: Alessia Pedoto, MD, FASA

Poster 1	Brian Barron, MD	Successful Placement of a Thoracic Epidural in a Patient with a Spinal Cord
		Stimulator
Poster 2	Evelyn Borchert Billik, MD	Low-Flow Nasal Mask-Face Tent Maintained Spontaneous CPAP Ventilation/
		Oxygenation and Reduced Aerosol/Droplet Spread in a Patient with IV Drug Use
		during Outpatient TEE under Deep Propofol Sedation
Poster 3	Tadeu Oliveira, BS	Pulmonic Valve Papillary Fibroelastoma Discovery During Ascending Aortic Aneurysm
		Repair: A Case Report
Poster 4	Travis Blanton, MD	latrogenic Superior Vena Cava Syndrome During Cardiopulmonary Bypass
		Presenting with Bilateral Otorrhagia and Epistaxis, Resulting in Anterior Ischemic
		Optic Neuropathy
Poster 5	Cole Rinehart, MD	Perioperative Management of Aneurysmal Kommerell's Diverticulum with Right
		Sided Aortic Arch and Aberrant Left Subclavian Artery, A Case Series
Poster 6	Sunny Kim, MD	Cardiac Tamponade with Thrombus Secondary to Left Ventricular Free Wall Rupture
Poster 7	Christian Guay, MD	A New Method to Quantitatively Track the Shunt Fraction of Isolated Ventricular
		Septal Defects Using Blood Gas Analysisc

KIOSK 6 • COAGULATION Moderator: **Diana Khatib, MD**

Poster 1	Yu-Hua Cheng, MD	How Does Rewarming Temperature Affect Bleeding after Mitral Valve Surgery?
Poster 2	Natalie Lebedko, MD	Dabigatran and Rivaroxaban are not Inferior to Heparin in Decreasing Clot
		Propagation and Clot Strength
Poster 3	Jay Saggu, DMD, MD	Optical Thromboelastography: A Novel Solution to An Age Old Problem
Poster 4	Michael Eaton, MD	Dabigatran Provides Effective, Reversible Anticoagulation in a Sheep Model of
		Cardiopulmonary Bypass
Poster 5	Azhar Dalal, MD	Increased Incidence of Thrombosis in Patients at Risk of HIT Receiving Epoprostenol
		for Cardiac Surgery
Poster 6	Ahmed Galal Elsherbeny,	The Myth of Additional Protamine. Thromboelastometry vs Activated Clotting Time
	MBBCh, MSc, MD, FCAI	to Detect Residual Heparin After Reversal

KIOSK 7 • CRITICAL CARE Moderator: Ettore Crimi, MD, MBA

Poster 1	Alexandra Vereb, MD	The Effects of Sodium-Glucose Cotransporter-2 Inhibitors on the Perioperative
		Period of Adult Heart Transplant Patients
Poster 2	Frans van Wagenberg,	Clinical and Economic Impact of RBT-1 on Post-operative Complications and Costs
	MS, MD	for Combined CABG and Valve Surgery
Poster 3	Catherine Ha, MD	Association of Neutrophil Gelatinase-Associated Lipocalin and Acute Kidney Injury
		in the Early Postoperative Period After Lung Transplantation
Poster 4	Ethan Lubanski, MD	Angiotensin II for Post Cardiac Surgery Vasoplegic Syndrome: A Retrospective
		Cohort Analysis
Poster 5	Shaopeng Huang, MD	Effects of Dexmedetomidine on Duration of Invasive Mechanical Ventilation After
		Coronary Versus Valvular Heart Surgery

Poster 1 • Sunday, April 27 • 12:30pm-1:30pm

KIOSK 8 • ECHOCARDIOGRAPHY- STRAIN/ETC. Moderator: Ethan Y. Brovman, MD

Poster 1	Balram Sharma, MD, FASA	Evaluation of Intraoperative Echocardiographic Strain Parameters in Patients
		Undergoing Ross Procedure
Poster 2	Benjamin Weingarten, MD	The Role of Resuscitative Perioperative Transesophageal Echocardiography in
		Intraoperative Cardiac Arrest: A Case Report
Poster 3	Sadi Abukhalaf, MD	Does Positive Pressure Ventilation Have an Effect on Left Ventricular Late Diastolic
		Strain Rate?
Poster 4	Michael Dougherty, DO	Comparison of Right Ventricular Function Between Full Sternotomy Aortic Valve
		Replacement, Mini-Sternotomy Aortic Valve Replacement, and Transcatheter Aortic
		Valve Replacement.

KIOSK 9 • PERIOPERATIVE MEDICINE - PBM Moderator: Rohesh J. Fernando, MD, FASE, FASA

Poster 1	Una Choi, MD	Acute Kidney Injury as a Risk Factor for Iron Deficiency Anemia Following
		Cardiopulmonary Bypass
Poster 2	Scott Jossart, MD	Racial and Gender Differences in the Incidence of Preoperative Anemia and Blood
		Transfusion in Cardiac Surgery Patients: A Descriptive Study
Poster 3	Helen Jiang, BMSc, MSc	Why are Women and Men Transfused Differently in the Operating Room?
Poster 4	Helen Jiang, BMSc, MSc	Preoperative Anemia: Impacts on Red Blood Cell Transfusion and Clinical Outcomes
		for Men and Women Undergoing Cardiac Surgery
Poster 5	Una Choi, MD	Perioperative Cryoprecipitate but not Fibrinogen Concentrate is Associated with
		Increased Postoperative Delirium Risk After Cardiac Surgery
Poster 6	Monica Arndt, MD	Risk Factors for Blood Product Transfusion in Cardiothoracic Surgery

KIOSK 10 • STRUCTURAL HEART DISEASE Moderator: Nirvik Pal, MD, MBBS, FASE

Poster 1	Matthias Heringlake, MD	How Conscious are Patients Undergoing Transcatheter Aortic Valve Replacement
		with "Conscious Sedation and Local Anesthesia" – A Secondary Exploratory
		Analysis of the Randomized SOLVE-TAVI Trial
Poster 2	William Wright, MD	Association of Baseline Pulmonary Artery-to-Body Surface Area Ratio with
		Postoperative Outcomes in Patients Undergoing Transcatheter Aortic Valve
		Replacement
Poster 3	Amy Baker, MS	Effect of Body Mass Index on Early Extubation of Adults with Congenital Heart
		Disease Undergoing Cardiac Surgery
Poster 4	Ashton Engdahl, MD	Increased Mortality Trend in Adult Congenital Heart Disease Patients Undergoing
		Combined Heart and Liver Transplantations in the Current Era: UNOS Database
		Analysis 2005-2022
Poster 5	Patrick Monette, MD	Outcomes for Patients with COVID-19 Having Mitral Valve Surgery During the First
		Year of the COVID-19 Pandemic: An Observational Cohort Study

Poster 2 • Monday, April 28 • 12:30pm-1:30pm

KIOSK1 • CARDIOVASCULAR ANESTHESIA- ERAS Moderator: Alessia Pedoto, MD, FASA

Poster 1	Tina Keshishian, BS	Comparative Analysis of ICU Duration and Outcomes in CABG Patients Receiving
		Regional Anesthesia Administered by Anesthesia versus Surgery Teams:
		A Single-Center Study
Poster 2	Willie Carter, MD	Intra-thecal Morphine versus Paravertebral Block as Part of an Enhanced Recovery
		After Cardiac Surgery (ERACS) Protocol on Postoperative Pain and Outcomes:
		A retrospective Cohort Study
Poster 3	Ikanke-abasi James, MD	Erector Spinae Block in Minimally Invasive Cardiac Surgery: A Comparison of Infusion
		Techniques
Poster 4	Anya Ihaddadene,	Intercostal Nerve Cryoablation for Post-Operative Analgesia in Minimally Invasive
	Medical Student (MS3)	Valve Surgery: A Single-Center Retrospective Cohort Study
Poster 5	Martine Alison, MD	A Retrospective Study of Pecto-Intercostal Fascial Plane Block Efficacy in
		Postoperative Cardiac Surgery Patients
Poster 6	John Choi, DO	Comparative Efficacy of Erector Spinae Plane Block versus Pecto-Intercostal
		Fascial Plane Block versus Control in Mitigating Postoperative Opioid Requirements
		Following Median Sternotomy

KIOSK 2 • CARDIOVASCULAR ANESTHESIA- RV/ PULM HTN/CHD Moderator: Yong G. Peng, MD, PhD

Poster 1	Victoria Nguyen, MD	Association Between Right Ventricular Dysfunction and Post-Induction Hypotension
Poster 2	Annandita Kumar, MD	Deterioration of Right Ventricular Longitudinal Strain Following Elective Cardiac
		Surgery
Poster 3	Ryan Best, MD, FRCPC	Pregnancy-related Outcomes in Patients with Pulmonary Arterial Hypertension:
		A Multicenter Retrospective Cohort Study
Poster 4	Cristhian Potes, PhD	Calculating Continuous Cardiac Output from the Right Ventricular Pressure
		Waveform
Poster 5	Soobin Kim, MD	Conduits of Care: Optimizing Anesthetic Management in Right Ventricle to
		Pulmonary Artery Conduit Reoperations
Poster 6	Justine Liang, MD, MS	Watts Up with Cardiac Power in Fontan?
Poster 7	Melissa Shears, MD, FRCPC	Correlation Between Right Ventricle to Pulmonary Artery Systolic Pressure Gradient
		and Exercise Performance

KIOSK 3 • CARDIOVASCULAR ANESTHESIA- VASOPLEGIA Moderator: Jakob Wollborn, MD

Poster 1	Luai Zakaria, MD	Hydroxocobalamin for Vasoplegia During Cardiac Surgery: A Retrospective Cohort
		Analysis
Poster 2	Sayaka Nakamura, MD	Low-Dose Vasopressin in Off-Pump Coronary Artery Bypass Grafting: Impact on
		Graft Flow, Patency, and Postoperative Outcomes
Poster 3	Jacob Saks, DO	Does Preoperative Milrinone Cause Postoperative Dysfunction?

SCIENTIFIC PROGRAM

Poster 2 • Monday, April 28 • 12:30pm-1:30pm

KIOSK 4 • CARDIOVASCULAR ANESTHESIA- TRANSFUSION MEDICINE/ AKI Moderator: Laeben Lester, MD

Poster 1	Kenichi Tanaka, MD, MSc	Acute Normovolemic Hemodilution in a Multi-Center Adult Cardiac Surgery Setting:
		A Propensity Score-Matched Analysis Using the Society of Thoracic Surgeons Adult
		Cardiac Surgery Database
Poster 2	Roy Lei, MD	Impact of Intraoperative Autologous Platelet-Rich Plasma on Transfusion
		Requirements and Renal Outcomes in Ascending Aorta Surgery: A Retrospective
		Cohort Analysis
Poster 3	Shelby Garcia, MD	Racial Difference in Autologous Whole Blood Donation with Acute Normovolemic
		Hemodilution and its Impact in Transfusion in Cardiac Surgery
Poster 4	Ryo Misawa, MD	The Association of Central-to-Peripheral Arterial Pressure Gradient After
		Cardiopulmonary Bypass With Postoperative Acute Kidney Injury in Cardiovascular
		Surgery: A Retrospective Cohort Study

KIOSK 5 • CASE REPORT Moderator: Aneeta R. Bhatia, MD, MBA, FFARCS, FASE

Poster 1	Giancarlo Sabetta, BS	Acute Hypoxia Following Transcatheter Mitral Valve Repair due to Bidirectional
		Shunting through an latrogenic Atrial Septal Defect
Poster 2	Robert Roth, MD	Thrombectomy in a Patient with Massive Pulmonary Emboli and Bloody Airway
Poster 3	Joseph Romero, DO	Severe Atelectasis Diagnosed via Transesophageal Echocardiography in Refractory
		Status Asthmaticus: A Case Report
Poster 4	Tina Keshishian, BS	Premature Diastolic Dysfunction in a Young Patient with Behçet's Disease
		Undergoing Coronary Artery Bypass Grafting
Poster 5	Laura Santa Cruz Mercado,	Challenges and Strategies in Management of Cardiopulmonary Bypass for a Patient
	MD	with Cryoglobulinemia, Cirrhosis, and Sepsis: A Case Report
Poster 6	Theodore Dimitrov, BS	Not Hot, but Not Cold: A Case of Malignant Hyperthermia in Cardiac Surgery
Poster 7	Rishabh Kodia, MD	Case Report: Quadricuspid Aortic Valve

KIOSK 6 • COAGULATION Moderator: **Todd Everett Jones, MD**

Poster 1	Felix Mailloux, MDCM	The Impact of Heparin Concentration Measurement in Cardiac Surgery Patients
	Candidate	
Poster 2	Jerrold Levy, MD	Management of Major Bleeding in Perioperative Settings: A Survey of Clinical
		Practices from Members of the American Society of Anesthesiology
Poster 3	Jessica Mo, BA	A Pilot Study on the Volume-Response Relationship Between Acute Normovolemic
		Hemodilution and Coagulation Parameters in Cardiac Surgery
Poster 4	Tomoaki Miyake, MD	Development and Validation of a Prediction Model for Fresh Frozen Plasma Volume
		to Normalize Fibrinogen Function After Cardiopulmonary Bypass
Poster 5	Jerrold Levy, MD	Fibrinogen Repletion in Bleeding Patients: A Survey of Clinical Practices from
		Members of the American Society of Anesthesiology

SCIENTIFIC PROGRAM

Poster 2 • Monday, April 28 • 12:30pm-1:30pm

KIOSK7 • CRITICAL CARE- MCS Moderator: Christina A. Jelly, MD, MS

Poster 1	Travis Barker, MD	Complications of Chest Tubes Placed in Patients on Extracorporeal Membrane
		Oxygenation
Poster 2	Hirofumi Kanazawa, MD	Exploring the Role of Extracorporeal Cardiopulmonary Resuscitation Following
		Cardiac Surgery: A Comprehensive Scoping Review
Poster 3	Andrew Cho, BS	Feasibility and Effects of Verticalization Therapy Among Patients Supported on
		Veno-Venous Extracorporeal Membrane Oxygenation
Poster 4	Audrey Spelde, MD	Impact of Body Mass Index (BMI) on Survival to Discharge in Patients Receiving
		Veno-venous Extracorporeal Membrane Oxygenation (VV ECMO)
Poster 5	Nicolas Kumar, MD	Pulmonary Artery Pulsatility Index Not Predictive of Right Ventricular Failure in
		Patients with Impella 5.5
Poster 6	Giancarlo Sabetta, BS	Characterizing Baseline Membrane Lung Resistance in Extracorporeal Membrane
		Oxygenation (ECMO)

KIOSK 8 • ECHOCARDIOGRAPHY- EDUCATION/AI Moderator: Amit Bardia, MD

Poster 1	Cole Rinehart, MD	Pilot Transesophageal Echocardiography Curriculum Implementation at an
		Anesthesiology Residency Program
Poster 2	Richard Cervantes, MD	Assessment of Diagnostic Adequacy of Artificial Intelligence-assisted Point of Care
		Echocardiography among Anesthesiology Trainees
Poster 3	Rahul Devathu, BA	Automated Right Ventricular Fractional Area Change Calculation Using Deep
		Learning Segmentation of Transesophageal Echocardiography Videos
Poster 4	Jessica Liu, MD, PhD	Aortic Root-left Atrial Fistula as a Complication of Aortic Valve Endocarditis

KIOSK 9 • PERIOPERATIVE MEDICINE - PROCESS IMPROVEMENT Moderator: Adam Setren, MD

Poster 1	Nicolas Kumar, MD	National Antibiotic Practices in Patients Undergoing Transcatheter Aortic Valve
		Replacement
Poster 2	Alexander Roesler, MD	Implementation of an Enhanced Recovery After Cardiac Surgery (ERACS) Fast-Track
		Pathway: An Interim Analysis
Poster 3	George Gill, MD	Targeted Prophylactic Amiodarone Protocol to Prevent Post-operative Atrial
		Fibrillation After Cardiac Surgery
Poster 4	Hyunsu Ri	The Effect of Remimazolam on Postoperative Nausea and Vomiting: A Systematic
		Review and Meta-Analysis
Poster 5	Yunseok Jeon, MD, PhD	Prediction of Postoperative Atrial Fibrillation after Cardiac Surgery Using Machine
		Learning
Poster 6	Sarah Boden, MD, PharmD	Regional Anesthesia is Associated with Decreased Post-Operative Atrial Fibrillation
		Following Cardiac Surgery

Poster 2 • Monday, April 28 • 12:30pm-1:30pm

KIOSK 10 • QUALITY IMPROVEMENT Moderator: Philip Kalarickal, MD, MPH

Poster 1	Sanders Joseph, MD FASA	Periprocedureal Glycemic Control at Cardiac Non Operating Room Sites - A Quality
		Improvement Project in a Large Quarternary Care Center
Poster 2	Adil Al-Karim Manji, MD	Sex-Based Differences in Diastolic Heart Failure Readmissions and Mortality Trends:
		Insights from the National Readmissions Database.
Poster 3	Kyle Chin, MSc	Comparing Algorithmic Viscoelastic Hemostatic Assay Based Transfusion Strategy
		versus Clinical Gestalt in Cardiac Surgery
Poster 4	Bernardine Cabral, MD	Optimizing Vasopressor Management: Implementation and Evaluation of an
		Angiotensin II Protocol in Cardiac Anesthesia
Poster 5	Rosemary Kelley, MD	When Every Beat Counts: Characterizing Non-cardiac Surgery Patients Requiring
		Rescue Transesophageal Echocardiograms, A Life-saving Intervention Provided by
		Cardiovascular Anesthesiologists

Poster 3 • Tuesday, April 29 • 12:00pm-1:00pm

KIOSK1 • BASIC SCIENCE Moderator: Michael A. Mazzeffi, MD, MPH, FASA

Poster 1	Jaclyn Edelson, MD	Dexmedetomidine and Atipamezole: Receptor-Specific & Reversible General
		Anesthesia
Poster 2	Luke Perry, MBBS(Hons),	Pulmonary Artery Catheter Use in Cardiac Surgery: An Entropy-Weighted
	BSc	Analysis
Poster 3	Raghad Said, MD	Serum LDH as a Predictor of Mortality in Cardiogenic Shock Patients Supported by
		Impella Devices: A Retrospective Analysis
Poster 4	Stephanie Jarry, RN, PhD	Validation of Intraoperative Processed Electroencephalography and Cerebral
		Oximetry for Prediction of Post-Operative Delirium in Cardiac Surgery: A Prospective
		Observational Study

KIOSK 2 • CARDIOVASCULAR ANESTHESIA- ERAS Moderator: Samhati Mondal, MD

Poster 1	Gianpaolo Cecioni, MD	Low-Dose Bupivacaine Spinal Anesthesia for Transcatheter Aortic Valve
		Implantation
Poster 2	Gaetano Florio, MD, PhD	Enhanced Recovery after Surgery Protocol and Postoperative Opioid Prescribing
		After Cardiac Surgery: An Interrupted Time Series Analysis
Poster 3	Michael Li, MBBS, MPHTM,	Intraoperative Opioid Administration by Cardiac Anesthesiologists in Patients
	GCCT, FANZCA	Undergoing Cardiac Surgery

KIOSK 3 • CARDIOVASCULAR ANESTHESIA-DELIRIUM/FRAGILITY/DYSRHYTHMIA

Moderator: Jessica Spence, MD, PhD, FRCPC

Poster 1	Tina Esfandiary, MD	Incidence and Risk Factors of Dementia Following Cardiac Surgery:
		A Population-based, Retrospective Cohort Study
Poster 2	Tanya Mailhot, RN, PhD	Multimodal Brain Monitoring and Post-cardiac Surgery Patient Outcomes:
		A Retrospective Cohort Study
Poster 3	Austin Leise, MD	The Association of Anesthetic and Analgesic Medications with New Onset
		Post-operative Atrial Fibrillation in Adult Patients Undergoing Coronary Artery
		Bypass Grafting on Cardiopulmonary Bypass
Poster 4	Elizabeth Schueth, MD,	Tracking Down the Rhythm That Was Playing Hard to Get: Wireless ECG Sensors to
	MPH	the Rescue

Poster 3 - Tuesday, April 29 - 12:00pm-1:00pm

KIOSK 4 • CARDIOVASCULAR ANESTHESIA-MCS Moderator: Philip Kalarickal, MD, MPH

Poster 1	Jessica Liu, MD, PhD	A Novel Arterial Dannula to Reduce Vascular Complications of Mechanical Ciruclatory Support
Poster 2	Dhruv Vasant, MD	Intraoperative Right Ventricular Strain May Predict Early Acute Right Heart Failure During HeartMate 3 Left Ventricular Assist Device Implantation: A Case Series

KIOSK 5 • CASE REPORTS Moderator: Mariya Geube, MD, FASE

Poster 1	Alice Alexandrov, MD	Perioperative Management of a Jehovah's Witness Undergoing a Valve Sparing
		Root Repair
Poster 2	Dhruti Diwan, MD	Immediate Postoperative Extubation Following Pulmonary Endarterectomy:
		Two Case Reports and Potential Benefits
Poster 3	EJ Collins, MD	Vigilance, Swan Placement, Diagnosis Confirmed - Ventricular Septal Defect with an
		Elective Ascending Aortic Aneurysm Repair Without Rupture with Hemiarch Graft
Poster 4	Anna Arakelyan, MD	Multidisciplinary Management of Acute Type A Aortic Dissection in a 29w5d
		Pregnant Patient with Marfan Syndrome
Poster 5	Osama Sayed, MD	One Patient, Four TAVR Valves: When the Embolized Valve is Trapped in the Ventricle
	K 6 • CRITICAL C rator: Worasak Keey	
Poster 1	Joseph Lee, MD	Plasma Follistatin-like 3 (FSTL3) Predicts Hypertensive Emergency in Patients with
		Suspected Preeclampsia
Poster 2	Alex Wang, DO	Safety of Ultrasound-Guided Percutaneous Stellate Ganglion Nerve Blockade in
		Patients with Ventricular Tachycardia Storm on Anticoagulation, A Single Center

		Retrospective Case Series
Poster 3	Tishan Wellalagodage,	A Comparison of Continuous Flow Thermodilution with the Direct Fick Technique for
	MBBS, MMed	Determining Cardiac Output in a Cohort of Patients Undergoing Valvular Surgery

SCIENTIFIC PROGRAM

Poster 3 • Tuesday, April 29 • 12:00pm-1:00pm

KIOSK 7 • PERIOPERATIVE MEDICINE Moderator: Kenichi Tanaka, MD, MSc

Yen-Yen Gee, MD	How Can we Identify Obstetric Patients with Mechanical Heart Values? The Creation
	of a Computable Phenotype and Description of a High-risk Obstetric Population
Soobin Kim, MD	Out of Sight, Out of Rhythm: Risk Factors for Postoperative Atrial Fibrillation After
	Discharge Detected by Wireless Patch Monitoring
Megan Rolfzen, MD	Association Between Mental Illness, Rurality, and Mortality in Cardiothoracic Surgical
	Patients – A Retrospective Cohort Study
M. Arsalan Farooqi, BA	A Retrospective Comparison of Postoperative Delirium and Withdrawal Outcomes in
	Cardiac Surgery Patients with Substance Use Disorders
	Soobin Kim, MD Megan Rolfzen, MD

KIOSK 8 • PERIOPERATIVE MEDICINE - PBM Moderator: Natalia I. Girardi, MD

Poster 1	Justyna Bartoszko, MD	Targeted Hemostatic Therapy in Cardiac Surgical Patients with Coagulopathic
		Bleeding: The FIBRES and FARES-II Randomized Controlled Trials
Poster 2	Reema Shah, DO	Effect of Anemia on Adverse Outcomes in a Cardiac Surgical Population
Poster 3	Lauren Miller, BS	The OPTIMAL Study: A Pilot Feasibility Trial to Improve Functional Outcomes After
		Transcatheter Aortic Valve Replacement

KIOSK 9 • QUALITY IMPROVEMENT Moderator: Liliya Pospishil, MD

Poster 1	Dan McGrail, MD	Leveraging Digital Technologies to Improve Ultrasound Teaching and Utilization
Poster 2	Sunny Kim, MD	The Effect of Pre-operative Management of Heart Transplant Donors on Recipient
		Outcomes: A Retrospective Cohort Study
Poster 3	Brian Barron, MD	Cardiothoracic Anesthesiology Resident Curriculum Revision
Poster 4	Adam Lepkowsky, MD	Weaning the ECMO Training Gap: A Survey on Fellowship Education and the Need
		for a Standardized Curriculum
Poster 5	Shweta Golhar, MD	Bridging Gaps in Perioperative Care in India: A Distance Education Curriculum for
		Point-of-Care Ultrasound Training

Poster 1 - Saturday, April 26 - 11:00am-1:00pm

KIOSK 1

Moderator: Susan Eagle, MD

Poster 1	Aditaya Seshadri, BA	Friends in High-Stakes Places: Multidisciplinary Planning for Successful Complex,
		High-Risk Lead Extraction
Poster 2	Laura Santa Cruz Mercado,	Left Atrial Appendage Occlusion Device, Its Percutaneous Extraction and
	MD	Reimplantation with Watchman Flx Pro
Poster 3	Elana Folbe, MD	Balancing Pre-eclampsia And Vasoplegia: A Challenging Case of Type a Dissection
		in a Pre-eclamptic Patient
Poster 4	Taechawidd	Anesthetic Challenges of Robotic Cardiac Surgery: A Case of Refractory Lung
	Nantawisarakul, MD	Hyperinflation Requiring Sternotomy Post-Heparinization
Poster 5	Damon Wallace, MD	Intra-Cardiac Renal Cell Carcinoma Excision Requiring Tri-Caval Cannulation
Poster 6	Elana Folbe, MD	Airway Management in Bilateral Lung Transplant (BLT) Patients with Mounier-Kuhn
		Syndrome (MKS)
Poster 7	Samantha Sohnen, MD	Acute SVC Syndrome Following Resection and Reconstruction of the Superior
		Vena Cava

KIOSK 2

Moderator: Cheen Alkhatib, MD

Poster 1	Elizabeth Hall, MD	Mechanical Circulatory Support in Patient with Papillary Muscle Rupture, Severe
		Mitral Regurgitation, and Aortic Intramural Hematoma
Poster 2	Sabrina Pan, MD	Left Heart vs Right Heart! Induction Considerations for Competing Physiologies in
		a Patient with HOCM and ILD with Right Heart Dysfunction
Poster 3	Michael Hoole, MD	Identification of a Paravalvular Left Ventriculo-Atrial Fistula on Transesophageal
		Echocardiography
Poster 4	Laura Mendez Pino, MD	Bilateral Orthotopic Lung Transplantation in a Patient with Mournier-Kuhn
		Syndrome
Poster 5	Elizabeth Schueth, MD,	A Pascal Clip: The Heart's New Favorite Accessory
	MPH	
Poster 6	George Bekheet, MD	Anesthetic Care of the Bilateral Sympathectomy – The Importance of Remaining
		Sympathetic to the Adrenergic System
Poster 7	Matt Nankin, MD	Anesthetic Considerations for a Median Sternotomy Coronary Artery Bypass Graft
		Coupled with Right Middle Lobe Wedge Resection

Poster 1 • Saturday, April 26 • 11:00am-1:00pm

KIOSK 3

Moderator: Marcus Behrens, MD

Poster 1	Omar Singer, MD	A Myxoma Misstep: Unmasking a Left Atrial Sarcoma
Poster 2	Blair Segsworth, MBBS,	Management Of A High-Risk Parturient with an Unrepaired ASD and Severe
	MSc	Pulmonary Hypertension
Poster 3	Annandita Kumar, MD	Effective Intraoperative Management of Refractory Ventricular Arrhythmia in a
		Patient with Repaired Tetralogy of Fallot, Endocarditis, and Prolonged QT Interval
Poster 4	Stanley Desire, MD	Comman-do or Don't: Robotic Mitral Valve Replacement with Concomitant
		Transcatheter Aortic Valve Replacement in a Patient with Double Valve Disease
Poster 5	Benjamin Brueske, MD	Anesthetic Management of Large Pulmonary and Hepatic Hydatid Cyst Resection
Poster 6	Angell Xiang, MD	TEE for Evaluation of Hemodynamic Instability in a Rare VATS Injury
Poster 7	Ryan Casey, MD	Anomalous Origin of the Right Coronary Artery Resulting in Atypical Chest Pain in a
		Young, Healthy Patient

KIOSK 4

Moderator: Vaibhav Bora, MBBS, FASE, FASA, FCCP, FCCM

Poster 1	Thomas Epperson, IV, MD	Anesthetic and Surgical Management of Bioprosthetic Aortic Valve Endocarditis
		Complicated by an Acquired Gerbode Defect
Poster 2	Joseph Catania, MD	Placement of Left Atrial Appendage Occlusion Device Resulting in Left Atrial
		Appendage Perforation Requiring Cardiopulmonary Bypass for Repair
Poster 3	Vivian Hernandez Torres,	Incidental Finding of Aortic Valve Papillary Fibroelastoma During Planned Off-Pump
	MD, MS	Coronary Artery Bypass Grafting Requiring Conversion to On-Pump Surgery and
		Tumor Excision
Poster 4	Jacob Mayfield, MD	Hemiazyzygous Continuation of IVC Leading to Failed Robotic MVR Technique
Poster 5	Daniel Golland, MD	Central Line Placement Confusion: A Case of Persistent Left Superior Vena Cava
Poster 6	Kate Frost, MD	A Dissection with a C-Section: The Case of a Pregnant Woman with Marfan
		Syndrome
Poster 7	Melissa Shears, MD,	Creation of Bilateral Internal Jugular to Right Atrium Grafts for Severe Superior Vena
	FRCPC	Cava Syndrome in a Patient with Sarcoidosis

KIOSK 5

Moderator: Yianni Augoustides, MD, FASE, FAHA

Poster 1	Rosemary Kelley, MD	Aortomitral Curtain Injury Hidden Under Double Mitral Regurgitation Jet
Poster 2	Jeffrey Chau, MD	Rapid Rewarming of Severe Hypothermia via Extracorporeal Membrane
		Oxygenation
Poster 3	Basheer Kayali, MD	Malpositioned TAVR Valve Requiring Explant and SAVR
Poster 4	Paul Mah, MD	Interatrial Hematoma After Extended Myectomy and Ascending Aortic
		Aneurysm Repair
Poster 5	Woong Hwang, MD, PhD	Improved Left Atrial Appendage Filling Defect with Amelioration of Low Flow State
Poster 6	Yoshio Tatsuoka, MD	Acquired Gerbode Defect After Robotic Mitral Valve Replacement
Poster 7	Daniel Wang, MD	Double Ventricle, Mirror Image, or an ADU? Two-Step Eviction of a Giant Left
		Ventricular Pseudoaneurysm

Poster 1 • Saturday, April 26 • 11:00am-1:00pm

KIOSK 6

Moderator: Ilesse Credaroli, DO

Poster 1	Kimia Ziadkhanpour, MD	Clipped Coronary Artery: Left Main Coronary Artery Occlusion After AtriClip
		Placement in Endoscopic Mitral Valve Repair
Poster 2	Colleen Mismas-Hooley, MD	Anesthetic Management of a Patient with Tricuspid Valve Endocarditis and Severe
		Thrombocytopenia Undergoing Percutaneous Suction Vegetectomy
Poster 3	Lucy Zhuo, MD	Q(uick)-Tip: Otorrhagia During Cardiopulmonary Bypass
Poster 4	Arvin Saleh, MD, MPH	Not-So-Sweet: Maple Syrup Urine Disease in Persistently, Unexplained Acidotic
		Cardiac Surgery Patients
Poster 5	Anthony Schramm, MD	Intraoperative Transesophageal Echocardiography (TEE) Assessment of a LV
		Pseudoaneurysm and LV-LA Fistula Repair
Poster 6	Mike Yamakawa, MD	Identification of Malignant Hyperthermia During Deep Hypothermic Circulatory
		Arrest for a Kawashima Procedure
Poster 7	Christian O'Conner, MD	Hidden in Plain Sight: An Uncommon Injury During Lead Extraction
KIOS	K 7	
	rator: Lawrence Delros	ario, MD
Poster 1	Zil Patel, DO	Incidental Finding of Intracardiac Thrombus in a Patient on Veno-Arterial
		Extracorporeal Membrane Oxygenation
Poster 2	Franco Incitti, MD	Complex Endocarditis, Coronary Disease, and an LVAD: A Case of Patiently Waiting
	·	for Ventricular Recovery
Poster 3	John McAuley, MBBS	Staged Sternotomy with Peripheral Cardiopulmonary Bypass and Endoclamp for
		High-Risk Aortic Pseudoaneurysm Repair
Poster 4	Ling Lei, MD	Pop off and Show Out: Right Ventricular Failure Following Patent Foramen Ovale
	•	closure in Patient with Left Ventricular assist Device
Poster 5	Soobin Kim, MD	Management of Distributive and Cardiogenic Shock in Calcium Channel Blocker
		Toxicity
Poster 6	Dip Shukla, MD	Intravenous Leiomyomatosis with Intracardiac Extension
Poster 7	Evelyn Borchert Billik, MD	Hypothermic Renal Protection in Suprarenal Aortic Surgery
KIOS		
	rator: Alice Whyte, MD	

Poster 1	Michal Rajski, MD	Intraoperative Aortic Rupture in a Patient with Stanford Type a Aortic Dissection
Poster 2	Christopher Glover, MD	Hemolysis Induced Renal Failure Following Percutaneous Closure of latrogenic
		Ventricular Septal Defect
Poster 3	Cassandra Zhi, MD	Transseptal Thrombus Removal and Watchman Placement with Embolic Complication
Poster 4	Wenting Ma, MD	Reoperative Resection of a Mediastinal Yolk Sac Tumor Invading the Right Atrium,
		Superior Vena Cava, Right Lung, and Diaphragm
Poster 5	Moshe Haddad, DO	Novel Use of Transcatheter Tricuspid Valve Replacement Using the Evoque Valve in
		a Post-Heart Transplant Patient
Poster 6	Zachary Woodward, DO	Right and Anomalous Left Circumflex Coronary Artery Occlusions Following
		Minimally Invasive Mitral Valve Replacement
Poster 7	Marianna Athanassiou, MD	Incidental Finding of Low Flow Low Gradient Aortic Stenosis (AS) During Mitral
		Valve Repair for Severe Mitral Regurgitation: Intraoperative Decision Making

Poster 1 • Saturday, April 26 • 11:00am-1:00pm

KIOSK 9

Moderator: Marta Kelava, MD

Poster 1	Megan Wang, MD	Management of a Patient with Severe Coronary Artery Disease and Known Difficult
		Airway Undergoing Tracheostomy
Poster 2	Connor Milone, MD	Multidisciplinary Management of a Left Atrial Mass Complicated by Cerebral Infarct
Poster 3	Bryan Roberts, DO	Unmasking the Mass: The Interplay of TEE and Cardiac MRI in Diagnosing a Right
		Atrial Thrombus
Poster 4	Lisa Greco, DO, MS	Rescue Tandem Heart and ECMO in the Management of Severe Aortic Insufficiency
		After Infective Endocarditis of Transcatheter Aortic Valve Replacement
Poster 5	Karyn Barrett, MD	Obstruction at the Heart of the Matter: Anesthetic Management of a Case of
		Intravascular Leiomyomatosis with Intracardiac Extension
Poster 6	Shankha Chakravorty, MD	Tension Hemothorax After Transcatheter Edge-to-Edge Mitral Repair (Mitraclip)
		Procedure and Multiple Shock States in the Postoperative Period
Poster 7	Rachel Dada, MD	Intraoperative Echocardiographic Evaluation of the Double-Barrel
		Brachiocephalocaval Reconstruction Following Epithelioid Hemangioendothelioma
		Resection
KIOS	K 10	
	rator: Megan Kostibas,	MD
Deeter 1	Andrew Chevely MD	Using Taba Contract for Laft Atrial Annandage Thrembus Evolusion

Poster 1	Andrew Snavely, MD	Using Echo Contrast for Left Atrial Appendage Thrombus Exclusion
Poster 2	Roger Jacob, MD	Sheaths, Strands, and Surprises: A Rare Case of Fibrous Intracardiac Material After
		ICD Extraction
Poster 3	Patrick Larabell, MD	A Case of Stone Heart Syndrome After Complex Redo Aortic Arch Surgery
Poster 4	Cory Greguske, DO	Sevoflurane Therapy in Refractory Status Asthmaticus in the Setting of Venovenous
		ECMO: A Case Report
Poster 5	Matthew Nordness, MD	Pericardiectomy for Constrictive Histoplasmosis Pericarditis Complicated by Right
		Atrial Fistula and Focal Tamponade
Poster 6	Alex Wang, DO	Utility of Computerized Tomography Based Fusion Imaging in Percutaneous
		Paravalvular Leak Closures
Poster 7	Natasha Singh, MD MBA	Masses and Airway Passes: Multidisciplinary Management of a Myxomatous
		Challenge

Poster 1 - Saturday, April 26 - 11:00am-1:00pm

KIOSK 11 Moderator: Perin Kothari, DO

widde			
Poster 1	Rodney Chen, MD	Anterior Mitral Valve Leaflet Modification During Valve-In-Ring Transcatheter Mitral	
		Valve Replacement	
Poster 2	Robert Scott Cheeseman,	Snafu of the Subaortic Membrane Excision	
	II, MD		
Poster 3	Kristen Ewing, MD	Accessory Hepatic Lobe Presenting as Right Atrial Mass	
Poster 4	Vincent Tang, DO	Use of Cardiopulmonary Bypass Prior to Anesthesia Induction of a Patient with	
		Large Obstructive Right Atrial Mass Undergoing Resection	
Poster 5	Abbey Halula, DO	Plugging the Leak: A Multi-Amplatzer Approach to Complex Mitral Paravalvular	
		Leak Repair	
Poster 6	Claire Luo, MD	Worsened Transmitral Valve Gradients After iASD Closure During mTEER Repair	

Poster 7 Kush Gupta, MD KIOSK 12

Moderator: Benu Makkad, MD

Poster 1	Jay Saggu, DMD, MD	Are You in or Are You Out? Two Mitraclips Placed on a Previously Repaired Valve -
		One Inside the Ring and One Through a Dehiscence
Poster 2	Ahmed Yousef, MD	Structural Heart Disease Modulates Risk of Aortic Root Thrombosis on VA ECMO
Poster 3	Ram Matsa, MD	An Unexpected Post-Operative Jet After the David Procedure
Poster 4	Alaa Saeed, MD	Prolapsing Left Atrial Myxoma: Hemodynamic Stability Despite Size and Location
Poster 5	Arun Saxena, MD	Adult Scimitar Syndrome Repair and Its Complications
Poster 6	Naureen Mullani, MD	Open, Complex Tricuspid Valve Repair Status Post Orthotopic Heart Transplant:
		A Case Report

No Strings Attached: Chordal Disentanglement in Tricuspid TEER

KIOSK 13

Moderator: Charles Nyman, MBBCh

Poster 1	Sudharsan Srinivasan, MD,	Chronic Contained Chaos: Retrograde Type a Dissection with Contained
	MSE	Aneurysmal Rupture Following Previous Thoracic Endovascular Aortic Repair
Poster 2	Ragasnehith Maddula, MD	TEE Surveillance of Pulmonary Artery Aneurysms and Post-Bypass Right Ventricular
		Failure
Poster 3	Nasim Shakibai, DO	Anesthesia Consideration for a Parturient with Hypertrophic Obstructive
		Cardiomyopathy
Poster 4	Ellianna Patton, MD	A Case of Unknown Persistent Left Superior Vena Cava During Aortic Root
		Replacement
Poster 5	Olivia Lansinger, MD	Transesophageal Echocardiogram Guides Intraoperative Management of Pulmonary
		Hypertension and Right Ventricular Dysfunction During Pulmonary Artery Sarcoma
		Resection
Poster 6	Alessandra Riccio, MD	Anaphylactic Shock Triggered by Chlorhexidine Impregnated Multi-lumen Access
		Catheter Central Line Introducer
Poster 7	Catherine Fabian, MD	Perioperative Considerations in a Patient with a Right Ventricular Carcinoid Tumor

Poster 1 - Saturday, April 26 - 11:00am-1:00pm

KIOSK 14

Moderator: Bhoumesh Patel, MD

Poster 1	Steven Pope, MD	Embolization of Left Atrial Appendage Occlusion Device Leading to Type a Aortic
		Dissection
Poster 2	Susana Arango, MD	The Anesthetic Management of a Pediatric Patient with ACTA2 Mutation During
		Staged Ascending and Descending Aortic Repair
Poster 3	Belinda Bejtja, MD	ECMO-Assisted LVAD Outflow Graft Stenting: The Anesthesiologist's Role in
		Perioperative Management
Poster 4	Mora Rizk, MD	Elective Extracorporeal Membrane Oxygenation (ECMO) for Lymph Node Biopsy
Poster 5	Brandon Hernandez, MD	Ventricular Septal Defect Repair in a Double Chamber Right Ventricle Complicating
		Cardiac Surgery
Poster 6	James Simpson, MD	Intramural Hematoma Complicating Acute Myocardial Infarction with Papillary
		Muscle Rupture
Poster 7	Margaret Fabiszak, MD,	Tamponade Physiology in the Setting of Severe Lung Edema Diagnosed with
	PhD	Rescue Transesophageal Echocardiography

KIOSK 15

Moderator: Nathan Waldron, MD, MHS

Poster 1	Jordan Stillman, MD, MPH	LVAD for RVAD: HeartMate 3 Implantation for Isolated Right Heart Failure
Poster 2	Robert Roth, MD	Type B Dissection Septostomy in a Patient with Prior Elephant Trunk Graft to
		False Lumen
Poster 3	Brecken Esper, MD	Multidisciplinary On-Pump Resection of Adrenal Tumor Infiltrating the Inferior Vena
		Cava and Right Atrium
Poster 4	Matthew Tribble, DO	Heartbreak: Battling Refractory Coronary Vasospasm
Poster 5	Alex Tolman, MD	Breathless Expectations: Navigating Shrinking Lung Syndrome and Pulmonary
		Hypertension in Pregnancy
Poster 6	Sinziana Constantinescu,	Intraoperative TEE Detection of Upside-Down Mechanical Valve in Mitral Position
	DO	During MVR
Poster 7	Emma laconetti, MD	Use of Ketamine to Treat Bronchoconstriction from Suspected Anaphylaxis During
		Cardiopulmonary Bypass for Valve-Sparing Aortic Root Replacement

KIOSK 16

Moderator: Richard Sheu, MD, FASE

Poster 1	Andrew Maroncelli, MD	R on T Phenomenon with Temporary Epicardial Pacemaker Wire After Mitral Valve
		Replacement Leading to Mechanical Circulatory Support
Poster 2	Bryan Olson, DO	Emergency Transcatheter Aortic Valve Replacement or Pump the Breaks?
Poster 3	Rodney Chen, MD	Neurologic Injury Post-Bypass: A Rare Complication
Poster 4	Joshua Purvis, MD	Incremental Value of Live Three Dimensional Transesophageal Echocardiography
		in Guiding Percutaneous Interventions: A Sexagenarian with Multiple Interatrial
		Communications
Poster 5	Joshua Insler, MD	ECLS for Peripartum Cardiac Arrest: A Case of Multidisciplinary Coordination
Poster 6	Anjan Saha, DO	Left Pulmonary Vein Obstruction After Double Lung Transplantation
Poster 7	Christopher Kim, MD	Echocardiographic Assessment of Suitability of Re-Do Mitral Valve Repair: A Clinical
		Conundrum

Poster 1 - Saturday, April 26 - 11:00am-1:00pm

KIOSK 17 Moderator: Lindsey Senozan, MD

Poster 1	Sean Randazzo, MD	Refractory Ventricular Arrhythmia in the LVAD Patient
Poster 2	Lucy Zhuo, MD	Fight or Flight: Anesthetic Considerations for Cardiac Paraganglioma
Poster 3	Reema Shah, DO	Oh Baby! Biventricular Failure Strikes in the Peripartum Patient
Poster 4	Jaron Hrushka, MD	LBBB Conversion to 3rd Degree Heart Block Following Brief Asystole After PA
		Catheterization
Poster 5	Adam Warrick, MD	Guidance of Impella 5.5 Placement in a Patient Status Post Mustard Procedure
Poster 6	Laura Lowe, MD	Left Ventricular Pseudoaneurysm: A Rare Cause of Torrential Regurgitation into the
		Left Atrium
Poster 7	Jaron Hrushka, MD	Inadvertent Subclavian Artery Cannulation During Cardiopulmonary Bypass

KIOSK 18

Moderator: Jessica Zvara, MD

Poster 1	Aamod George, MD	Management Considerations for CABG in a Patient with Sickle Cell Disease
Poster 2	Stephen Varga, Jr., MD	Rare Cardiac Tumor: Incidental Tricuspid Valve Blood Cyst Identified During CABG
Poster 3	Asad Mansoor, MD	PTE Sans TEE: Deferring Intraoperative Transesophageal Echocardiography for
		Pulmonary Thromboendarterectomy
Poster 4	Eric Chen, MD	Intraoperative TEE in Reoperative Cardiac Surgeries: Imaging Challenges with
		Prosthetic Valves
Poster 5	Henry Zimmer, MD	Perioperative Management and Echocardiography for Rheumatic Heart Disease
Poster 6	Farah Aboufakhr, MD	Mitral Paravalvular Leak Closure via Left Anterolateral Thoracotomy

KIOSK 19

Moderator: Nelson Thaemert, MD

Jacob Saks, DO	Type B Dissection Following Intramural Hematoma Repair
Juan Li, MD	Managing Spontaneous Echo Contrast in the Descending Aorta of a Patient
	Undergoing Mitral Valve Transcatheter Edge to Edge Repair
Iris Moore, DO	Recurring Acquired Gerbode Defect
Jacob Conroy, MD	Refractory Atrial Flutter During Balloon Dilation for Isolated Pulmonary Stenosis
Cordell Spellman, MD	Rapid Transfuser in the Cardiac Room: A Case of Post-TAVR Type a Aortic Dissection
	Repair Complicated by Aortic Root Rupture
Rebecca Piland, MD	Reoperative Commando Procedure Complicated by Refractory RV Failure
Danielle Nogoy, MD	Transcatheter Device Migration Leading to Urgent Surgery in a High-Risk Patient
	with Severe MR
	Juan Li, MD Iris Moore, DO Jacob Conroy, MD Cordell Spellman, MD Rebecca Piland, MD

Poster 1 • Saturday, April 26 • 11:00am-1:00pm

KIOSK 20

Moderator: Shanna Sykes Hill, MD

Poster 1	Olivia Napoli, DO	Use of Veno-arterial Extracorporeal Oxygenation as Support in Transcatheter Aortic
		Valve Replacement: Is It Ever a Good Idea?
Poster 2	David Christian, MD	Transapical Approach to Snare Migrated Balloon-Expandable Aortic Valve Prosthesis
Poster 3	Dinesh Parmar, MD	Transcatheter Aortic Valve Replacement Gone Wrong: Device Embolization into
		Ascending Aorta
Poster 4	Faraz Mahmood, MD	To Replace or Not to Replace: A Case of High Gradient Bicuspid Aortic Valve with
		Normal Valve Area
Poster 5	Jason Lieber, MD	TTE to the Rescue: Venoarterial Extracorporeal Membrane Oxygenation
		Decannulation Guided by Intraoperative Transthoracic Echocardiography
Poster 6	Matthew Parrott, DO	Selenium Toxicity Treatment with Extracorporeal Membrane Oxygenation
Poster 7	Seth Walsh-Blackmore, MD	When Teamwork Makes the Dream Work: Multidisciplinary Care of Complicated
		High-Risk Obstetric Pulmonary Embolism

Poster 2 - Saturday, April 26 - 4:00pm-5:00pm

KIOSK 1

Moderator: Emily Methangkool, MD, MPH

Poster 1	Kelci Beardsley, DO	Double Trouble: A Case of an Unanticipated Double Orifice Mitral Valve
Poster 2	Lilly Fang, MD	Post-MI Infarct Ventricular Septal Defect and Impella as a Bridge to Repair
Poster 3	Osama Abushawer, MD	An Unusual Case of Giant Coronary Artery Aneurysm for Coronary Artery Bypass
		Surgery
Poster 4	Jason Hsieh, MD	A Modified Bentall Procedure for Repair of an Aneurysmal Pulmonary Artery in a
		Patient with a History of Transposition of the Great Vessels
Poster 5	Martine Alison, MD	Ventricular Assist Device as a Bridge to Transplant in a Pediatric Patient with
		Complex Congenital Heart Disease
Poster 6	Samuel Erlinger, MD	Infective Endocarditis Requiring Aortic and Mitral Valve Replacement in a Patient
		with Alpha-Gal Syndrome
Poster 7	Andrew Mullet, MD	Anastomosis Stenosis: An Added Challenge for a New Heart
KIOS	K 2	
	rator: Diana Anca, MD	
Poster 1	Katherine Fortson, MD	Prosthetic Valve Leaflet Escape: A Rare Complication of Prosthetic Valve
		Replacement
Poster 2	Gaurav Shrestha	An Unexpected Cause of Shortness of Breath While Climbing Mount Everest
Poster 3	Phillip Yang, MD	A Delayed Presentation of Acute Left Main Coronary Artery Occlusion Following
		Surgical Aortic Valve Replacement
Poster 4	Jacqueline Quinn, MD	Adult Congenital Heart Disease: Anesthetic Considerations for Superior Sinus
		Venosus Atrial Septal Defect and Partial Anomalous Pulmonary Venous Return
Poster 5	Emily Griffin, MD	Organ Care System and VA-ECMO Support During Combined Heart and Liver
		Transplantation from a Donation After Circulatory Death Donor: A Case Report
Poster 6	Hannah Parks, MD	A Tale of Two Systems: Navigating The Intersectionof Tetralogy of Fallot and
		Pheochromocytoma
Poster 7	Samuel Papke, MD	Bullet Fired Twice: An Interesting Case of Traumatic Cardiac Injury and Intracardiac
		Embolization
KIOS	K 3	

Moderator: Luai Zakaria, MD

Poster 1	Pamela Benavidez, MD	A Tale of Two Origins: A Case of Mitral Arcade and Incidental Dexter Cor Triatriatum
		in an Adult Patient
Poster 2	Francesca Goodstein, MD	Management of Left Ventricular Assist Device Outflow Graft Obstruction Using
		Percutaneous Endovascular Stenting
Poster 3	Sean Melucci, MD	A Transcatheter Valve Implantation Misadventure: A Case Report of Supravalvular
		Prosthesis Embolization
Poster 4	Derek Bradley, MD	Emergent Management of New LVOT Sarcoma with Severely Reduced Ejection
		Fraction in a Post-partum Patient
Poster 5	Ramneek Maan, MD	The Wandering Stent: A Case of RCA Stent Migration
Poster 6	Navdeep Chahal, MD	A Case of Suspected Takotsubo Syndrome Developing in the Post-Cardiopulmonary
		Bypass Period
Poster 7	Laura Merlano, MD	Bullet Proof: Localization of a Retained Intracardiac Missile Using Transesophageal
		Echocardiogram

Poster 2 - Saturday, April 26 - 4:00pm-5:00pm

KIOSK 4

Moderator: Meha Bhargava, MS, MD

Poster 1	Angela Chang, MD	Acute Ventricular Septal Defect from Takotsubo Cardiomyopathy
Poster 2	Brendan Berenger, MD	The Path Less Travelled: Carotid Approach for Transcatheter Aortic Valve
		Replacement in a Patient with Repaired Interrupted Aortic Arch and a Bicuspid
		Aortic Valve
Poster 3	Sean Moore, DO	Diffuse Coronary Vasospasm Following Myocardial Bridge Unroofing Procedure
Poster 4	Katherine Kent, MD	Combined Cardiac Surgery and Liver Transplantation in Advanced Cirrhosis: A Case
		Based Discussion
Poster 5	Derrick Ha, DO	VSD and Cardiogenic Shock After Transcathether Septal Scoring Along Midline
		Endocardium Procedure
Poster 6	Sujith Narayanan, DO	From or to Cath Lab: Management of Acute Inferior Vena Cava Tumor Embolization
		to Pulmonary Artery with Endovascular Retrieval
Poster 7	Jourdan Broadfoot, MD	Now You See Me: A Case of Intraoperative Tumor Embolization Requiring
		Cardiopulmonary Bypass

KIOSK 5

Moderator: Rushil Bose, DO

Poster 1	Nathan Hurley, MD, PhD	Airway Injury from Double Lumen Tube: A Case of Successful Intraoperative Repair
Poster 2	Miles Orantia, DO	Total Artificial Heart - A Bridge to Redo Heart Transplantation Due to Chronic
		Rejection
Poster 3	David Altman, MD	Intraoperative Arrest During Valve-In-Valve Transcatheter Aortic Valve Replacement
Poster 4	Chase Barker, MD	ECMO Thrombectomy: Cannula-Assisted Clot Extraction in Acute Pulmonary Arterial
		Port Thrombosis
Poster 5	Matthew Saunders, MD	A Change in Surgical Planning Due to Pre-Bypass TEE
Poster 6	Jacob Boudreaux, MD	Gigantic Hiatal Hernia Impairing Impella: Using Transthoracic Echocardiography
		When Transesophageal Fails
Poster 7	Ronald Nowak, MD	Post Repair Mitral Regurgitation Conundrum - Utilization of Two Dimensional and
		Three Dimensional Echo Imaging

KIOSK 6

Moderator: Ashley Budd, MD

Poster 1	Toros Canturk	Anterior Tracheal Injury Secondary to Sternotomy During Coronary Artery Bypass
		Grafting
Poster 2	Luke Richardson, MD	A Case of Differential Hypoxemia Secondary to Right-to-Left Intracardiac Shunting
Poster 3	Ina Du, MD, MPH	Management of a Complex Congenital Heart Patient During Seventh Sternotomy
Poster 4	Edward Jaffe, MD	Percutaneous Biventricular Circulatory Support Failure in Setting of Post Myocardial
		Infarction Ventricular Septal Rupture
Poster 5	Vanja Ristovic, MBBS	An-"Gerbode": The Case of an Angry Aortic Root Abscess
Poster 6	Kelvin Wang, MD	Management of Retrograde TAVR Embolization Causing Severe Aortic Insufficiency
		and Severe LVOT Obstruction
Poster 7	Samuel George, DO	Repair of Tracheoesophageal Fistula Under Veno-Venous Extracorporeal
		Membranous Oxygenation

Poster 2 - Saturday, April 26 - 4:00pm-5:00pm

KIOSK 7

Moderator: Luai Zakaria, MD

Poster 1	Ji-Syuan Li	Aortic Root Rupture Following Transcatheter Aortic Valve Implantation:
		A Case Report
Poster 2	Patricia Kim, MD	Case of Orthotopic Heart Transplant (OHT) Complicated by Post-transplant Human
		Leukocyte Antigen (HLA) Sensitization, with Severe Cardiac Allograft Vasculopathy
		Requiring High-risk Immunosuppression
Poster 3	Danielle Kumpf, MD	A Case of Non-Infectious Left Ventricular Outflow Tract Pseudoaneurysm Secondary
		to Prosthetic Valve Degeneration
Poster 4	Ravi Upadhyayula, MD	Safe Use of Transesophageal Echocardiography in a Patient with Distal
		Esophagectomy
Poster 5	Vanessa Hernandez, MD	Failure to Separate from Cardiopulmonary Bypass Due to the Formation of
		Thrombotic Obstruction in the Left Main Coronary Artery
Poster 6	Jane-Frances Aruma, MD	Novel Management of an Acute Type a Aortic Dissection in a Non-Surgical
		Candidate, Using an Endovascular Ascending Aortic Stent
Poster 7	Nyemachi Chikere Vizor,	A Dual Challenge: Combined Transaortic Valve Replacement and Cesarean Section
	MD	in a High-Risk Patient
KIOS	K 8	
Mode	rator: Ashley Oliver, M	D, MA
Poster 1	Allan Migirov, DO	Attempted Transcatheter Removal of an Endothelialized Left Atrial Appendage
	-	Closure Device: Anesthetic and Echocardiographic Considerations
Poster 2	Lauren Everett, MD	Dopamine Drama! A Complex Mediastinal Dopamine-Secreting Paraganglioma
		Requiring Cardiopulmonary Bypass
Poster 3	Drexel Neumann, MD	Pericardial Thrombus as Presenting Sign in Acute Aortic Dissection
Poster 4	Zachary Chen, DO	Surgical Management of Pulmonary Artery Sling in a Symptomatic Adult
Poster 5	Alexander Roesler, MD	Inferior Vena Cava Stenosis as a Cause of Circulatory Shock After Bicaval Orthotopic
		Heart Transplantation
Poster 6	Albin Vleck, MD	Patent Foramen Ovale Resulting in ECMO Complications in Lung Transplantation
Poster 7	Lucas Giunta, DO	A Multidisciplinary Approach to Heparin Desensitization in a Patient with Alpha-Gal
		Syndrome Undergoing Cardiac Surgery

KIOSK 9 Moderator: Jared Feinman, MD

Poster 1	Aubrey Euteneuer, DO	Continuous Coronary Perfusion Requiring Systemic Hyperkalemia to Achieve
		Cardiac Arrest
Poster 2	Sreelekha Paladugu, MD	Not a Tall Tale: Postpartum Aortic Dissection in a Parturient with Marfan Syndrome
Poster 3	Shelby Garcia, MD	Tricuspid and Pulmonary Valve Replacement in a Patient with Carcinoid Heart Disease
Poster 4	Leo Druker, DO	Unexpected Bioprosthetic Mitral Valve Leaflet Fusion: The Interplay of ECMO and
		Heart Valve Mechanics
Poster 5	Tsung-Chi YANG, MD	Interventricular Septal Hematoma After Ventricular Septal Defect Repair
Poster 6	Leslie Kim, MD	Protamine-related Non-cardiogenic Pulmonary Edema During Routine Heparin
		Reversal for Cardiopulmonary Bypass
Poster 7	Patrick Ballman, DO	Bee Sting Unmasking a Pheochromocytoma Requiring Mechanical Circulatory
		Support

Poster 2 - Saturday, April 26 - 4:00pm-5:00pm

KIOSK 10

Moderator: Chandrika Garner, MD, FASE

Poster 1	Richard Beckett-Ansa,	Cardiac Surprises: Discovering an AV Canal Defect in the Context of Subaortic
	MD, PhD	Stenosis
Poster 2	Jonah DeVries, MD	Perioperative Management of Adult Uncorrected Tetralogy of Fallot During Non-
		Cardiac Surgery
Poster 3	Emmanuel Tito, MD	Unraveling Left Pulmonary Artery Obstruction: The Role of Intraoperative
		Echocardiography in Evaluating Flow and Flow Patterns
Poster 4	Nicholas Cho, MD	Case of Severe Multifactorial Left Ventricular Outflow Tract Obstruction in a Patient
		with Prader-Willi Syndrome
Poster 5	William Kim, MD	Intraoperative Discovery and Management of Left Ventricular Thrombus During
		Cardiopulmonary Bypass: A Case Study
Poster 6	Theodore Trumble, MD	Transesophageal Echocardiography to the Rescue: Diagnosing Transcatheter Aortic
		Valve Replacement Complication
Poster 7	Krista Koch, DO	Florid Pulmonary Edema with Ehlers-Danlos? Think Zebras, Not Horses
KIOS	K 11	
Mode	rator: Anne Hicks, MD	
Poster 1	Stephen Tapia-Ruano, MD	Inferior Vena Cava Stenosis After Orthotopic Heart Transplantation
Poster 2	Kwame Wiredu, MD	Systemic Inflammation and Metabolic Dysregulation after Cardiac Surgery: a
		pathway to Delirium in the Cognitively Vulnerable Patient

Poster 3	Douglas Nguyen, MD	Viscoelastic Monitoring with Tirofiban and Heparin in Heparin Induced
		Thrombocytopenia
Poster 4	Dan Mija, MD	ECPella Support of Primary Graft Dysfunction Due to Pre-Operative Antiarrhythmic
		Use
Poster 5	Jonathan Tran, DO	Love at First Switch: The Trials and Tribulations of the Mustard Atrial Switch
		Procedure
Poster 6	Grant Fortson, MD	Utility of Transesophageal Echocardiography in Surgical Planning for Removal of
		Foreign Body Embedded in the Heart
Poster 7	Austin Smith, MD	Repair of Partial Anomalous Pulmonary Venous Return and Atrial Septal Defect with
		Significant Pulmonary Overcirculation in a 62 Year-Old Male

KIOSK 12

Moderator: Edwin Becher, III, MD

Poster 1	Dillon Patel, MD	Interdisciplinary Management of Sub-Massive Pulmonary Emboli During Pregnancy
Poster 2	Nirav Mathur, MD	Recurrent Left Atrial Dissection Secondary to Poor Tissue Quality
Poster 3	Jane-Frances Aruma, MD	Novel Management of an Acute Type A Aortic Dissection in a Non-Surgical Candidate,
		Using an Endovascular Ascending Aortic Stent
Poster 4	Kyle Chan, MD	Intraop Placement of AngioVac for Removal of Intracardiac Thrombus on ECMO
		Post-cardiopulmonary Bypass. A Case Report
Poster 5	Jon Handy	Management of Acute Amlodipine Overdose
Poster 6	Vivian Yen-Xu, MD	Anesthetic Management of a Combined Bilateral Lung Transplantation and
		Coronary Artery Bypass Graft (CABG)
Poster 7	Bryan Lee, DO	Severe Bioprosthetic Mitral Stenosis Due to Recurrent Bacterial Endocarditis

Poster 2 - Saturday, April 26 - 4:00pm-5:00pm

KIOSK 13 Moderator: Nikolaos Skubas, MD, DSc, FACC, FASE

Poster 1	Jared Cadogan, DO	Novel Use of a Zenith Dissection Stent for Bail-Out of an Embolized Transcatheter
		Aortic Valve
Poster 2	Alec Seei, DO	Atrioventricular Groove Disruption Following Redo Mitral Valve Replacement
Poster 3	Mary Dierks, MD	Aorto-Left Atrial Fistula Following Transcatheter Aortic Valve Replacement
Poster 4	Molly Brazil, MD	Left Ventricular Assist Device Placement in the Setting of Pheochromocytoma
Poster 5	Natalie Trojanowski, MD	Neurogenic Shock Following Extrapleural Decortication for Malignant Pleural
		Mesothelioma
Poster 6	Brandon Eden, MD	Ascending the Final Frontier - Endovascular Repair of an Ascending Aortic
		Pseudoaneurysm
Poster 7	Jooeun Kang, MD	Acute Profound Hypotension and Resuscitation During a Mitral Valve Replacement
		Surgery

KIOSK 14

Moderator: Kayla Knuf, MD

Poster 1	Rasheed Richards, MD	This Bridge Is Not for the Faint of Heart
Poster 2	Effrosyni Kontari, MD	Challenges in Managing Giant Right Coronary Artery Aneurysm
Poster 3	Ryan Ference, MD	latrogenic Ventricular Septal Defect Following Transcatheter Aortic Valve
		Replacement
Poster 4	Bishir Clayton, MD	Mitral Stenosis Secondary to a Retained Prosthetic Holder Following Mitral Valve
		Replacement
Poster 5	Phillip Lindsey, MD	Refractory Ventricular Arrhythmias, Critical Life-threatening Hypokalemia, and
		Cardiogenic Shock in Thyroid Storm: Management and Complications
Poster 6	Susana Arango, MD	The Anesthetic Management of a Pediatric Patient with ACTA2 Mutation During
		Staged Ascending and Descending Aortic Repair
Poster 7	Andrew Wilsnack, MD	Atrial Embolization of a Transcatheter Mitral Valve

KIOSK 15

Moderator: Lavina Kolarczyk, MD

Poster 1	Matthew Aur, DO	A Patient Who Almost Had a Transcatheter Aortic Valve Replacement
Poster 2	Tracy Oyugi, MD	Challenges of Coagulopathy in an Emergent Cardiac Case Complicated by Recent
		Ticagrelor Administration
Poster 3	Tyler Karras, DO	Left Ventricular Pseudoaneurysm Rupture During LVAD
Poster 4	Peter Bamikole, MD	Refractory Hypotension in the Setting of Extra-Anatomic Cardiac Shunt upon
		Initiation of Cardiopulmonary Bypass
Poster 5	Laura Mendez Pino, MD	Bilateral Orthotopic Lung Transplantation in a Patient with Mournier-Kuhn
		Syndrome
Poster 6	Anna Quinlan, MD	Left Coronary Artery Occlusion Following Transcatheter Aortic Valve Replacement
		Deployment for Bicuspid Aortic Stenosis
Poster 7	Anthony Barrios, MD	Behind the Curtain: A Subtle Echo Finding Resulting in Revision of an Aortic Valve
		Replacement

Poster 2 - Saturday, April 26 - 4:00pm-5:00pm

KIOSK 16

Moderator: Brett Wakefield, MD

Poster 1	Andrew Cottrill, MD	Emergent Surgical Aortic Valve Replacement After Transcatheter Aortic Valve
		Replacement Valve Embolization into Ascending Aorta
Poster 2	Eric Do, MD	Complex Resection of Invasive Thymoma Requiring Cardiopulmonary Bypass
Poster 3	Brad Bradshaw, MD, MS	Right Atrial Invagination Mimicking Pericardial Effusion During Hybrid
		Extracorporeal Membrane Oxygenation
Poster 4	Curtis Duncan, MD	Sinus of Valsalva Aneurysm with Rupture into Pulmonary Artery Caused by Infective
		Endocarditis
Poster 5	Naina Mangalmurti, MD	When Smokey Met Sparky: A Case of Percutaneous LVAD Decommissioning
Poster 6	Jose Bonilla, MD	Mitral Annular Disjunction in Barlow's Mitral Valve Disease - A Case Presentation
Poster 7	Matthew Smyke, MD	Extracellular Matrix Tricuspid Valve Dehiscence in an Adult Patient
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KIOSK 17

Moderator: Jacques Neelankavil, MD

Poster 1	Andrew Bartuska, MD	Intra-cardiac Metastatic Melanoma Resulting in near Complete Obstruction of the
		Left Ventricular Cavity
Poster 2	William Wyatt, MD	Coronary Artery Spasm Following Mitral Valve Replacement
Poster 3	Cheng-Hao Jacky Chen,	Transesophageal Echocardiography After Esophageal Variceal Band Ligation
	MD	
Poster 4	Tarun Ahuja, DO	The Effects of Daratumumab on Blood Screening
Poster 5	Jaimi Philip, MD	Flash Pulmonary Edema Post Mitral Valve Replacement: A Case Report
Poster 6	Amy Hershberger Locke, M	D Retrosternal Thyroid Goiter with Airway Obstruction
Poster 7	Alexander Theodotou, MD	Extralobar Pulmonary Sequestration Treated with Transarterial Embolization Prior to
		SAVR in an Adult

KIOSK 18

Moderator: Jeans Santana, MD

Poster 1	Alan Tran, MD	Persistent Left Superior Vena Cava Syndrome Unique Challenges in Minimally
		Invasive Cardiac Surgery
Poster 2	Sabrina Antonio, MD	Endocarditis: Only Half Revealed. Explant of a Sapien 3 Edwards Valve in an Alterra
		Adaptive Prestent
Poster 3	lkanke-abasi James, MD	Suicide Left Ventricle: A Dreaded Complication After Transcatheter Aortic Valve
		Replacement
Poster 4	Karla Objio, DO	Valve-In-Ring Transcatheter Tricuspid Valve Replacement
Poster 5	Joseph Brooke, MD	The Double-Edged Sword: Andexanet Alpha Administration Post CPB in Aortic
		Dissection Leading to Intracardiac Thrombosis
Poster 6	Thomas Kyle Ford, MD	Intrathoracic Osteosarcoma Presenting with a Right Atrial Mass and Superior Vena
		Cava Thrombus

Poster 2 - Saturday, April 26 - 4:00pm-5:00pm

KIOSK 19

Moderator: Bessie Kachulis, MD

Poster 1	Peter Shehata, DO, MA	Torn Between Two Lives: Managing Acute Type a Aortic Dissection in a Pregnant
		Patient
Poster 2	Biodun Adeniyi, MD	Awake Cardiopulmonary Bypass in a Patient with Large Right Atrial Myxoma
Poster 3	Nicholas Thompson, MD	Total Aortic Arch Replacement Without Circulatory Arrest or Cardioplegia
Poster 4	Michael Wisniewski, Jr., MD	When Minimally Invasive Procedures Become Maximally Invasive: Dislodged
		Transcatheter Tricuspid Valve Replacement
Poster 5	Peter Shehata, DO, MA	Unmasking a Surgical and Diagnostic Dilemma: Advanced Intraoperative
		Echocardiography Reveals a Double-Chambered Left Ventricle
Poster 6	Jadelis Giquel, MD	The Vanishing Act: A Case of a Disappearing Intracardiac Mass
Poster 7	Kyra Rodi, MD	Pulmonary Arterial Hypertension in the Parturient
KIOS	K 20	
Moder	rator: Angela Pollak, MI	D
Poster 1	Emily Nagourney, MD,	Bilateral Ventriculotomy with Biventricular Assist Device (BiVAD) Insertion as a
	MSPH	Bridge To Heart Transplant
Poster 2	Scott Breeden, DO	Intraoperative Complications of Sudden Coronary Artery Dissection (SCAD) in a 39-
		Year-Old Female Presenting for Mitral Valve Replacement
Poster 3	Sruthi Rangu, MD	Simultaneous Commando Procedure and Orthotopic Liver Transplantation: A
		Multidisciplinary Surgical Approach
Poster 4	Robert Hawthorne, MD, PhD	Too Much of a Good Thing: latrogenic Beta Blocker Toxicity in an Acute
		Thoracoabdominal Aortic Dissection
Poster 5	Brian Greathouse, MD	You Do Not Belong Here: Cement Embolism After Spine Surgery
Poster 6	Lauren Alexa, MD	Transcatheter Edge-to-Edge Repair for Severe Primary Mitral Regurgitation to
		Facilitate Liver Transplantation
Poster 7	Jasvir Jaggi, DO	Red Meat, Heparin, and Heart Surgery: Alpha-Gal Syndrome's Triple Challenge
KIOS	K 21	
Moder	rator: Laura Zung, MD	
Poster 1	Jean-Paul Lamour, MD	Transcatheter Aortic Valve Replacement Complicated by Aortic Root Rupture.
Poster 2	Kabungo Mulumba, MD,	Endovascular Repair of a Large Ruptured Abdominal Aortic Aneurysm Using

Poster 2	Kabungo Mulumba, MD,	Endovascular Repair of a Large Ruptured Abdominal Aortic Aneurysm Using
	MBA	Monitored Anesthesia Care and General Anesthesia
Poster 3	Ryan Lord, DO	An Unusual Consequence of Pulmonary Arterial Hypertension

Poster 3 - Sunday, April 27 - 11:00am-12:00pm

KIOSK 1

Moderator: Suwarna Anand, MD, FASA

Poster 1	Tiffany Luu, MD	Case Report: Post-Cardiopulmonary Bypass Severe Mitral Regurgitation Due to
		Coronary Vasospasm that Improved with Nitroglycerin
Poster 2	Paul Lecker, III, DO, MBA	Bypassing Severe Heparin Hypersensitivity with Successful Desensitization
Poster 3	Morgan Tyler, MD	A Rare Case: Ruptured Left Sinus of Valsalva Aneurysm Repair
Poster 4	Derek Wilson, MD	Insidious Presentation of Intraoperative Right Ventricular Failure After AngioVac for
		Right Atrial Thrombus in Transit
Poster 5	Hailie Hayes, MS3	Emergent VV ECMO in a Patient with an latrogenic Bronchopulmonary Fistula
Poster 6	Sena Chun, MD	Diagnosis and Management of Acute Bioprosthetic Aortic Valve Thrombus
		Following HeartMate 3 Left Ventricular Assist Device Placement
Poster 7	Navroop Gill, MD	Intraoperative Diagnosis of Right Ventricular Outflow Tract to Left Ventricular Fistula
KIOS Moder	K 2 rator: Rebecca Aron, M	D
Poster 1	Joseph Zegar, MD, PharmD	Use of Double Simultaneous External Defibrillation for Management of Refractory
		Ventricular Arrhythmiain a Patient with Morbid Obesity
Poster 2	Sadaf Chaugle, MD	Ventricular Arrhythmiain a Patient with Morbid Obesity latrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex
Poster 2	Sadaf Chaugle, MD	
Poster 2 Poster 3	Sadaf Chaugle, MD Madeline Huber, MD	latrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex
Poster 3		latrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex Aortic Root Surgery
	Madeline Huber, MD	latrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex Aortic Root Surgery Acute Hemothorax After Electrophysiology Procedure
Poster 3	Madeline Huber, MD	Iatrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex Aortic Root Surgery Acute Hemothorax After Electrophysiology Procedure Recurrent Metastatic Thymoma in a Morbidly Obese Patient Causing Right Atrial
Poster 3 Poster 4	Madeline Huber, MD Rachel Reindorf, MD, MPH	Iatrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex Aortic Root Surgery Acute Hemothorax After Electrophysiology Procedure Recurrent Metastatic Thymoma in a Morbidly Obese Patient Causing Right Atrial Compression and Chronic Hypoxemic Respiratory Failure
Poster 3 Poster 4	Madeline Huber, MD Rachel Reindorf, MD, MPH	Iatrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex Aortic Root Surgery Acute Hemothorax After Electrophysiology Procedure Recurrent Metastatic Thymoma in a Morbidly Obese Patient Causing Right Atrial Compression and Chronic Hypoxemic Respiratory Failure Management of Intra-operative Right Ventricular Primary Graft Dysfunction and
Poster 3 Poster 4 Poster 5	Madeline Huber, MD Rachel Reindorf, MD, MPH Regine Goh, MD	Iatrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex Aortic Root Surgery Acute Hemothorax After Electrophysiology Procedure Recurrent Metastatic Thymoma in a Morbidly Obese Patient Causing Right Atrial Compression and Chronic Hypoxemic Respiratory Failure Management of Intra-operative Right Ventricular Primary Graft Dysfunction and Severe Tricuspid Regurgitation in DCD Heart Transplant: A Case Report
Poster 3 Poster 4 Poster 5	Madeline Huber, MD Rachel Reindorf, MD, MPH Regine Goh, MD	Iatrogenic Ventricular Septal Defect and Laubry-Pezzi Syndrome Following Complex Aortic Root Surgery Acute Hemothorax After Electrophysiology Procedure Recurrent Metastatic Thymoma in a Morbidly Obese Patient Causing Right Atrial Compression and Chronic Hypoxemic Respiratory Failure Management of Intra-operative Right Ventricular Primary Graft Dysfunction and Severe Tricuspid Regurgitation in DCD Heart Transplant: A Case Report Iatrogenic Impingement of Tricuspid Leaflet Leads to Torrential Tricuspid

KIOSK 3

Moderator: Andra Duncan, MD, MS, FASE

Poster 1	Gabriele D'Orsi, DO	Acute Stent Thrombosis After Elective Laparoscopic Cholecystectomy 7 Months
		After Stent Placement for Acute Myocardial Infarction
Poster 2	Nita Tunga, MD	Lifting the Curtain: Resolving Aorto-Mitral Pathology and Multivalvular Challenges
Poster 3	Andrew Voegel-Podadera,	Right Coronary Artery Occlusion Following Transcatheter Aortic Valve Replacement
	MD	
Poster 4	William Pan, MD	Anesthetic Considerations for a Parturient with Prinzmetal Angina
Poster 5	Amal Farouk, MD	Ovarian Jelly In The Atria
Poster 6	Andrew Russell Cheung, DO	Identification of Intravascular Microaxial Pump Associated Aortic Thrombus: the
		Importance Of A Thorough Transesophageal Echocardiography Exam
Poster 7	Ebin Neduvelil, MD, MS	A Case of Inadequate Myocardial Protection During Reoperative Cardiac Surgery

Poster 3 - Sunday, April 27 - 11:00am-12:00pm

KIOSK 4

Moderator: Sawyer Naze, MD

Poster 1	Dimitrios Kampouris, MD	Administration of Prothrombin Complex Concentrate in Isolated Coronary Artery
		Bypass Grafting, Use with Caution
Poster 2	Lucy Murray, MD	Polytrauma with Traumatic Tricuspid Valve Rupture
Poster 3	Premal Desai, MD	A Multidisciplinary Team Approach to a High Risk Pulmonary
		Thromboendarterectomy (PTE)
Poster 4	Paul Park, MD	Bi-Pella as an Alternative to Veno-Arterial Extracorporeal Membrane Oxygenation
		After Ventricular Septal Defect Repair
Poster 5	Adriana Grossman, MD,	CABG Management and Public Health Implications of Heparin Allergy Secondary to
	МРН, МНА	Acquired Alpha-Gal Syndrome
Poster 6	Kaylee Woodard, MD	Racing Against the Clock: Perioperative Management of Ruptured Sinus of Valsalva
		Aneurysm and Cardiac Arrest
Poster 7	Jacob Davis, MD	An Air-raising Tale: Air Entrainment During Percutaneous Mechanical Pulmonary
		Embolectomy on VA-ECMO

KIOSK 5

Moderator: McKenzie Hollon, MD, FASE

Poster 1	Ashley Cowan, DO	Anesthetic Management During Transcatheter Mitral Valve Replacement Utilizing
		Anterior Leaflet Laceration: A Case of Mitral Stenosis with Prior Complex Surgical
		History
Poster 2	Prayag Pershad, MD	The Utility of a Bronchial Blocker For Lung Isolation In Setting of Unanticipated
		Tracheal Injury
Poster 3	Abe-Melek Bekele, DO	Aortic Surgery in a Patient with Hepatic Dysfunction of Unclear Etiology
Poster 4	Kirk Naugher, DO	Dual Coronary Protection with the Basilica Procedure and Chimney Stenting for a
		High-Risk Valve-in-Valve Transcatheter Aortic Valve Replacement
Poster 5	Madeline Savage, MD	Challenges in the Management of Combined Coronary Artery Bypass Grafting and
		Liver Transplantation
Poster 6	Madeline Stovall, MD	Veno-Venous ECMO Use for Primary Graft Dysfunction in Lung Transplantation
Poster 7	Steven Eastlack, MD, PhD	Anesthesia During Awake Thoracotomy and TEE Assessment of Malignant
		Tamponade with Direct Myocardial Tumor Invasion

Poster 3 - Sunday, April 27 - 11:00am-12:00pm

KIOSK 6

Moderator: Mehran Ebadi-Tehrani, MD

Shirley Zhang, MD	Anesthetic Management of Aortic Dissection Repair in a 700-Pound Male
Russell Wnek, MD	Tumor Embolization Requiring Emergent Thromboendarterectomy and Partial Lung
	Resection During Radical Nephrectomy
Christopher Mahrous, MD	Cardiac Myxoma Removal and ASD Repair in Andersen-Tawil Syndrome, Carney
	Complex and Severe Pectus Excavatum
Alexander Williams, MD	From the Cath Lab to the Operating Room: Managing Multiple Complications During
	a High-Risk Percutaneous Coronary Intervention
Matt Mahoney, MD	Intraoperative Takotsubo Cardiomyopathy in a Patient Undergoing Orthotopic Liver
	Transplantation
Tyler Fraga, MD, MS	Anesthetic Considerations for Mediastinal Masses in Noncardiac Surgery
Lillian Liao, MD, MS	Delayed Presentation of Cardiac Tamponade Due to Left Ventricle Perforating
	Hematoma Following Transcatheter Aortic Valve Replacement
	Russell Wnek, MD Christopher Mahrous, MD Alexander Williams, MD Matt Mahoney, MD Tyler Fraga, MD, MS

KIOSK 7

Moderator: Daniel Emmert, MD, PhD

Poster 1 Zejia Yu, MD		Hyperglycemia-induced Coronary Artery Vasospasm and Severe Ventricular	
		Dysfunction After Bentall Procedure	
Poster 2	Kayla Clodfelter, MD	A Case of Severe Hemodynamic Collapse Due to Suicide Left Ventricle After	
		Transcatheter Aortic Valve Replacement	
Poster 3	Chris Capelli, DO	Combined Thoracic Endovascular Aortic Repair and Arch Vessel Debranching for a	
		Zone 3 Aneurysm Requiring Retrograde Aortic Cannulation and Guidewire Passage	
Poster 4	Garrett Eakers, MD	Impact of Emergent Pericardial Drainage on Liver Graft Function in Hepatic	
		Hydropericardium	
Poster 5 Connor Rudnicki, DO Mitral Clip with Impella Present in Setting of Active Hepari		Mitral Clip with Impella Present in Setting of Active Heparin-induced	
		Thrombocytopenia	
Poster 6	Anthony Dao, MD	Cardiac Injury During Laser Lead Extraction: Risk Factors and Management	
Poster 7	Jordan Holloway, MD	Early Bioprosthetic Mitral Stenosis Due to Leaflet Fusion in a Low Transvalvular Flow	
		State: VA-ECMO-Induced Gradient Changes and Three-Dimensional Superiority in	
		High-Risk States	

Poster 3 - Sunday, April 27 - 11:00am-12:00pm

KIOSK 8 Moderator: Hesham Ezz, MD

Poster 1	Vijai Thomas, DO	Intraoperative Transesophageal Echocardiography in Guiding Clinical Decision-	
		Making During Mitral Valve Repair	
Poster 2	Vivien Wong, MD	Acute Left Main Coronary Artery Occlusion Following Surgical Aortic Valve	
		Replacement	
Poster 3	Louisa Walker, MD	Management of a Pregnant Patient with Undiagnosed Saddle Pulmonary Embolism	
		Undergoing Non-Cardiac Surgery	
Poster 4	Maryna Khromava, MD	Pericardial Tamponade in Patient on Apixaban in Catheterization Laboratory	
Poster 5	Bo-Chih Pan, MD	Repeat Aortic Valve Replacements: Considerations and Challenges	
Poster 6	Joseph Hezkial, DO	Critical Crossroads: Complex Decision Making in Type a Dissection with	
		Preoperative Stroke and Cardiac Arrest	
Poster 7	Jason Hager, MD	Extracorporeal Membrane Oxygenation Utilization for a 28cm Hepatic Tumor	
		Resection	

KIOSK 9

Moderator: Amanda Kleiman, MD

Poster 1 Jose Maria Moraes Left Main Coronary Artery Occlusio		Left Main Coronary Artery Occlusion After a Transcatheter Aortic Valve Replacement
	De Souza Junior, MD	with BASILICA Procedure
Poster 2	Ryan Valk, MD	From Percutaneous to Surgical: A Case of Urgent MVR for Post-PTMV Acute
		Severe MR
Poster 3	Steven Pham, DO	Mitral Mystery: Improvement of Regurgitation During Attempted M-TEER Without
		Deployment
Poster 4	Andrew Burns	Perioperative Management of latrogenic Right Ventricular Injury During
		Pericardiocentesis Leading to Cardiac Arrest
Poster 5	Zachary Rocca, DO	Rescuing Right Ventricular Failure with Hybrid Management of Massive Pulmonary
		Embolism
Poster 6	Antonia Lin, MD	Incidentally Discovered Patent Ductus Arteriosus in Patient Receiving Aortic Valve
		Replacement and Mitral Valve Repair
Poster 7	Joshua Raber, MD	Intraoperative Saddle Pulmonary Embolism in a Patient with Renal Cell Carcinoma
		with Level IV Tumor Thrombus

Poster 3 - Sunday, April 27 - 11:00am-12:00pm

KIOSK 10

Moderator: Daniel Tolpin, MD

Amiodarone Use Poster 3 Kevin Kong, DO Poster 3 Kevin Kong, DO Poster 4 Mia Fatuzzo, MD Many Mountains to Climb: Ventriculo-atrial Shunt, Atrial thrombus, CTEPH and Multiple Opioid Allergies in a Patient for Pulmonary Thromboendarterectomy Poster 5 Anna Donovan, MD Successful Heart Transplantation In a Highly-Sensitized Patient After Desensitization Poster 6 Naveen Kotha, MD Morbidity and Mortality of Surgical Aortic Valve Replacement After Transcatheter Aortic Valve Replacement Poster 7 Sarah Taylor, MD Poster 1 Richard Jordan, MD Second Time's the Charm: Echocardiographic Guidance of a Transcatheter Closur of an Unroofed Coronary Sinus After the Failed First Attempt Poster 2 Christine Shen, MD Right Ventricular Volume Overload in the Setting of a Superior Sinus Venosus Atria Septal Defect Poster 3 Chukwuma Azoba, MD		•		
FRCPC Poster 3 Annie Li, MD Perioperative Optimization of a Patient with Biventricular Outflow Obstruction Undergoing Non-Cardiac Surgery Poster 4 Brandon Grayson, MD Spontaneous Right Ventricular Perforation Following Acute Mediastinitis Poster 5 Jared Olson, DO Spontaneous Coronary Artery Dissection in Peripartum: A Case Review Poster 5 Paul Eapen, MD Management of Intracardiac Hematoma After Triple-vessel CABG Poster 7 Michael Berentzen, MD Mitraclip Matching: Mitigating Mitral Missteps KIOSK 11 Moderator: Adam Miliam, MD, PhD Poster 1 Megan Rolfzen, MD Optimizing Cardiothoracic Surgical Stewardship via Echocardiography in a Resource-limited Setting: A Case Report Poster 2 Tyler Abarca, MD Primary Graft Dysfunction During Orthotopic Heart Transplantation in the Setting a Amiodarone Use Poster 3 Kevin Kong, DO RVOT Reconstruction in an Adult with Congenital Dual Chamber Right Ventricle Poster 5 Anna Donovan, MD Successful Heart Transplantation in a Patient for Pulmonary Thromboendarterectomy Poster 7 Sarah Taylor, MD Open Surgical Repair of Mycotic Aortic Arch Aneurysm KIOSK 12 Moderator: Kan Zhang, MD Open Surgical Repair of Mycotic Aortic Arch Aneurysm FIGER Sarah Taylor, MD	Poster 1	Caitlyn Gottwald, MD	Cardiotomy Following Pericardiocentesis in a Patient with Acute Myocardial Ischemia	
Undergoing Non-Cardiac Surgery Poster 4 Brandon Grayson, MD Spontaneous Right Ventricular Perforation Following Acute Mediastinitis Poster 5 Jared Olson, DO Spontaneous Coronary Artery Dissection in Peripartum: A Case Review Poster 6 Paul Eapen, MD Management of Intracardiac Hematoma After Triple-vessel CABG Poster 7 Michael Berentzen, MD Mitraclip Matching: Mitigating Mitral Missteps KIOSK 11 Moderator: Adam Milliam, MD, PhD Poster 1 Megan Rolfzen, MD Optimizing Cardiothoracic Surgical Stewardship via Echocardiography in a Resource-limited Setting: A Case Report Poster 2 Tyler Abarca, MD Primary Graft Dysfunction During Orthotopic Heart Transplantation in the Setting of Amiodarone Use Poster 3 Kevin Kong, DO RVOT Reconstruction in an Adult with Congenital Dual Chamber Right Ventricle Poster 4 Mia Fatuzzo, MD Many Mountains to Climb: Ventriculo-atrial Shunt, Atrial thrombus, CTEPH and Multiple Opioid Allergies in a Patient for Pulmonary Thromboendarterectomy Poster 5 Anna Donovan, MD Successful Heart Transplantation In a Highly-Sensitized Patient After Desensitizati Poster 6 Naveen Kotha, MD Morbidity and Mortality of Surgical Aortic Valve Replacement After Transcatheter Aortic Valve Replacement Poster 7	Poster 2		Peripartum Extracorporeal Life Support in Decompensated Obstructive Shock	
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Poster 1 Richard Jordan, MD Second Time's the Charm: Echocardiographic Guidance of a Transcatheter Closur of an Unroofed Coronary Sinus After the Failed First Attempt Poster 2 Christine Shen, MD Right Ventricular Volume Overload in the Setting of a Superior Sinus Venosus Atria Septal Defect Poster 3 Chukwuma Azoba, MD Traumatic Inferior Vena Cava Rupture and Repair Poster 4 Michael Schultz, DO Not All Ventricular Septal Defects Created Equally: Impella Bridge to Surgical Repair Poster 5 Cheng-Hao Jacky Chen, MD Transesophageal Echocardiography After Esophageal Variceal Band Ligation Poster 6 Miles McNeir, DO Outpatient Cryoablation for Lumbar Spondylosis in a Patient with Left Ventricular Assist Device as Destination Therapy Poster 7 Henry "Sandy" Sanders, Oxygenator Failure Before Reperfusion in Heart - Lung Transplant				
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Poster 4 Michael Schultz, D0 Not All Ventricular Septal Defects Created Equally: Impella Bridge to Surgical Repaired Septades Created Equality: Impella Bridge to Surgical Repaired Septades Created Se	Poster 2	Christine Shen, MD	Right Ventricular Volume Overload in the Setting of a Superior Sinus Venosus Atrial Septal Defect	
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Poster 6 Miles McNeir, D0 Outpatient Cryoablation for Lumbar Spondylosis in a Patient with Left Ventricular Assist Device as Destination Therapy Poster 7 Henry "Sandy" Sanders, Oxygenator Failure Before Reperfusion in Heart - Lung Transplant	Poster 4	Michael Schultz, DO	Not All Ventricular Septal Defects Created Equally: Impella Bridge to Surgical Repair	
Assist Device as Destination Therapy Poster 7 Henry "Sandy" Sanders, Oxygenator Failure Before Reperfusion in Heart - Lung Transplant	Poster 5	Cheng-Hao Jacky Chen, MD		
	Poster 6	Miles McNeir, DO		
	Poster 7		1,5	

Poster 3 - Sunday, April 27 - 11:00am-12:00pm

KIOSK 13

Moderator: Yong Peng, MD, PhD

Poster 1	Thomas Cho, DO	Vancomycin Induced Anaphylaxis During a Bilateral Orthotopic Lung Transplant	
Poster 2	Ario Ramezani, DO	Severe Right Heart Failure from Ventricular Septal Defect and Aorto-Pulmonary	
		Fistula as a Complication of Infective Endocarditis	
Poster 3	Michael Leary, MD	Tricuspid Valve Lipoma: A Case Report	
Poster 4	Jamal Egbaria, MD	Adrenalectomy in a Patient with a Pheochromocytoma and Left Ventricular Ejection	
		Fraction of 4%	
Poster 5	Angel Pagan, MD	A Continuum with Consequences: When Emergency ECMO Becomes E-CPR:	
		A Case Report	
Poster 6	Muna Oli, MD, MPH	TEE Guidance for Impella Bridge Therapy in Post Myocardial Infarction Ventricular	
		Septal Rupture	
Poster 7	Tyler Tupper, MD	Pacemaker Lead Perforation of the Interventricular Septum Resulting in Mitral	
		Valve Injury	

KIOSK 14

Moderator: Shanna Hill Sykes, MD

Poster 1 Sara Kaliszak, MD A Case of Coxiella Burnetti Endocarditis Requir		A Case of Coxiella Burnetti Endocarditis Requiring Combined Multidisciplinary	
		Surgery for Splenectomy and Aortic Valve Replacement	
Poster 2	Blaire Lutes, DO	Successful LVAD Implantation in a Patient with Severe Myasthenia Gravis and	
		Complex Comorbidities: A Multidisciplinary Approach	
Poster 3	Ye Rin Koh, MD	Anesthetic Considerations for Propionic Acidemia Patients Undergoing Heart	
		Transplantation	
Poster 4	Carter Abicht, DO	Coronary Artery Occlusion During Orthotopic Heart Transplantation	
Poster 5 Jean Yang, MD An Uncommon Left Atrial Appendage Membrane in a Jeho		An Uncommon Left Atrial Appendage Membrane in a Jehovah's Witness Undergoing	
		Aortic Valve Replacement: A Rare Case with Unique Surgical Insights	
Poster 6	Turki Almutairi, MD	Too Close for Comfort: Implications of Left Circumflex Artery Injury in a Patient	
		Undergoing Mitral Valve Repair	
Poster 7	Nirav Mathur, MD	Systolic Anterior Motion of the Mitral Valve Post Heart Transplant Secondary to an	
		Unusual Mechanism	

KIOSK 15

Moderator: Albert Tsai, MD

Poster 1	Jennifer Bromwell, DO	Ascending Aortic Rupture with Dissection Secondary to TAVR Injury	
Poster 2	Travis Barker, MD	Which to Address First? A Case of a Type a Thoracic Aortic Dissection Complicated	
		by Ischemic Stroke and a Novel Approach to Treatment	
Poster 3	Emily Nagourney, MD, MSPH	Disruption of Leadless Pacemaker Positioning During TriClip Placement	
Poster 4	Jeric Israel Julian, DO	Perioperative Complication in a Parturient with Aortic Dissection and MYH11 Gene	
		Mutation	
Poster 5	Ashfique Nazib, DO	Case Report: Incidental Finding of Aortic Valve Mass via Transesophageal	
		Echocardiogram During Elective Coronary Artery Bypass Graft	
Poster 6	Quan Pham, MD	Diffuse Coronary Artery Spasm After Cardiopulmonary Bypass for Aortic Valve	
		Replacement	
Poster 7	Allyson Tragesser, MD	Two Tales of "CPP" During Transcatheter Aortic Valve Replacement (TAVR)	

Poster 3 - Sunday, April 27 - 11:00am-12:00pm

KIOSK 16

Moderator: Shanna Hill Sykes, MD

D 1 1			
Poster 1	Afif Kraitem, MD	Assessing Paravalvular Leak in a Prosthetic Mitral Valve: To Reoperate, or Not to Reoperate?	
Poster 2	Kayla Robinson, MD, MS	Every Cell Counts! Setting up for Successful LVAD Implantation in Jehovah's Witnes	
		Patient	
Poster 3	Jay Shah, MD	Excision of Right Atrial Tumor with Complete Superior Vena Cava Obstruction:	
		A Case Report	
Poster 4	Jerry Cuenca	Pulmonary Valve Replacement Following Tetralogy of Fallot Repair: Is There a Right Time?	
Poster 5	John Wolf, MD	Cerebral Oximetry, Worth the Headache?	
Poster 6	Marcus Cluse, MD, MPH	Hemodynamic Rollercoaster During Carotid Body Tumor Resection	
Poster 7	Stephen Lockwood, MD	A Case of Left Ventricle Inferior Wall Aneurysm with Thrombus	
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Moder	ator: Ellen Richter, M	D, FASE	
Poster 1	Aakash Saxena, DO Complex Adult Congenital Endocarditis: Heart Transplant Hail Mary		
Poster 2	Mohammad Siddiqi, MD	Anesthetic Considerations for a Patient with Fontan Physiology and Pacemaker Malfunction	
Poster 3	Brett Wester, MD	Expanding Epicardial Hematoma After CABG	
Poster 4	Mark Danila, MD	Severe Disseminated Intravascular Coagulation After Prolonged Cardiopulmonary	
		Bypass Time from Adult Congenital Heart Reconstruction	
Poster 5	Vaibhav Murali, MD	Complete Heart Block Triggered by Interbody Disc Space Expansion During Lumbar	
		Spine Surgery	
Poster 6	Drew Morgan, MD	Heparin Resistance in the Patient with Multiple Sclerosis: When ATIII Is Not the	
		Answer	
Poster 7	Brian Barron, MD	Intraoperative Lead Dislodgement in a Patient with Preferential Left Ventricular	

KIOSK 18

Moderator: Stuart Sacks, MD

Poster 1	Sheddie Gonzalez-Castillo, MD	In the or No One Can Hear You Scream: Resection of a Massive Mediastinal Mass	
Poster 2	Charlie Thai, DO	Heart in Crisis: Perioperative Anesthetic Approach to LVAD-Induced Ventricular Perforation	
Poster 3	Parthik Patel, MD	Perioperative Management of a Cardiac Surgery Patient on High Dose Buprenorphine-Naloxone	
Poster 4	Nicholas Cavanaugh, DO	Valve Sparing Aortic Root Replacement and Pulmonary Homograft Replacement Following Prior Ross Procedure	
Poster 5	Kevin Rivera, MD, MA	Evaluation of Intraoperative ST Elevation Myocardial Infarction	
Poster 6	Kellen Creech, DO	Opioid Free Anesthesia for Bilateral Lung Transplantation	
Poster 7	Ricardo Kaempfen, MD	Resection of Left Atrial Myxoma with Prolapse Through the Mitral Valve	

Poster 3 - Sunday, April 27 - 11:00am-12:00pm

KIOSK 19 - FR PS3

Moderator: Louis Saddic, MD, PhD

Poster 1	Dip Patel, DO	Intraoperative TEE in Radical Nephrectomy with IVC Thrombus	
Poster 2	Andrew Sinson, DO, MS	Management of VA ECMO in the Setting of Severe Pulmonary Hypertension and	
		Right Ventricular Injury	
Poster 3	Jeffrey Chen, MD	Repair of Partial Anomalous Pulmonary Venous Return and Sinus Venosus At	
		Septal Defect	
Poster 4	Subasish Bhowmik, MD	Valve-Sparing Aortic Root Replacement in a Pregnant Patient with Marfan	
		Syndrome	
Poster 5	Akaash Sheth, MD	Sorting Through Obstructions to Laminar LV Outflow	
Poster 6	Tyler Mattingly, MD	Sub-Valvular Mitral Stenosis Following Mitral Valve Replacement in Patient with a	
		Persistent Left Superior Vena Cava	
Poster 7	Kyle Farrell, MD	Robotic Mitral Valve Repair in a Patient with Prior Ante-Sternal Colonic Interposition	
Poster 1	rator: Jennie Ngai, MD Rachelle Palmieri-McBride,	Spontaneous Coronary Artery Dissection in Pregnancy	
Poster 2	MD San Yoon, MD	Sinus of Valcalya Anguryem Punturo in the Adult a Para Complication	
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	Zachary Miller, DO	Transcatheter Aortic Valve Replacement: When the Valve Decides to Go Rogue	
Poster 4	Yen-Yen Gee, MD	When You Can't See the IVC: An Interrupted Inferior Vena Cava with Azygous	
	M. J. N MD	Continuation	
Poster 5	Maria Nanez, MD	Transcatheter Aortic Valve Replacement in a Patient with Bicuspid Aortic Valve	
		Stenosis on Veno-Arterial Extracorporeal Membrane Oxygenation Complicated by	
		Aorto-Right Ventricular Fistula	
Poster 6	Blake Primi, MD	The Impact of Cortriatriatum Sinister on Robotic Mitral Valve Surgery	
Poster 7	William Dillon, MD	Successful Management of Post-Infarction Ventricular Septal Rupture with Delaye	
		Surgical Intervention	

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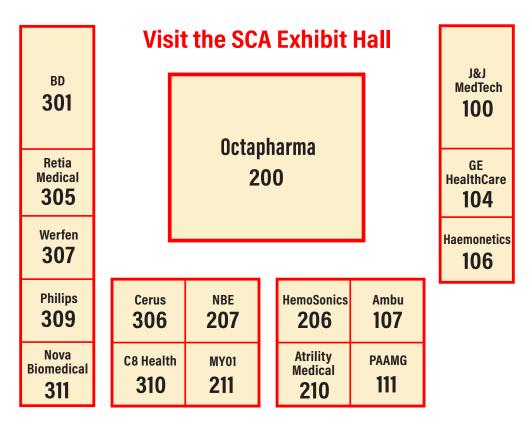


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