

# SCA 2023 Annual Meeting & Workshops Program

Dates: May 6 -9, 2023

Portland, Oregon



**6-May-23 Saturday 8:00 AM - 10:00 AM**

## Refresher Course Lectures

**Moderator:**

Mary Beth Brady, MD, FASE

***Managing Adult Congenital Heart Disease for Non-Cardiac Surgery: What to Avoid and How to Stay Out of Danger***

Alexander Mittnacht, MD

***Transplantation in the Cardiovascular OR: Past, Present, and Future***

Sharon McCartney, MD

***Pulmonary Hypertension: Old Disease, New Updates and What that Means to Everyday Care! To you!***

Jochen Steppan, MD

***Postoperative Afib: Prevent, Treat, Or Just Learn to Live with It!***

Jochen Muehlschlegel, MD, MMSC, MBA

## ECMO Workshop

6-May-23 Saturday 9:00 AM - 12:00 PM

### Moderators:

Mariya Geube, MD

Nadia Blakemore Hensley, MD

Michael Mazzeffi, MD, MPH

### *Brief Introduction and Overview of Workshop*

Mariya Geube, MD

### Stations

#### *ECMO Program Logistics and Staffing, Mobile ECMO*

Jacob Gutsche MD

Joe Deng-Legacy, MD, MMS

#### *ECMO Circuits and Pumps*

Michael Mazzeffi, MD, MPH

Matthew Shapiro, MS, CCP

#### *ECMO Cannulation PBLD? Complications: Who is a Candidate and Who Decides - Data on Survival Rates for Different Indications (VV ECMO for ARDS/COVID19; VA ECMO for post-cardiotomy cardiogenic shock, etc.,)*

Adam Dalia, MD, MBA

Assad Usman, MD

Jerome Crowley, MD, MPH

#### *VA ECMO- Different Types of Cannulas; Where They Go; How TEE May Guide Placement; Troubleshooting Common Problems*

Mariya Geube MD

Michael Essandoh MD

#### *VV ECMO- Different Types of Cannulas; Where They Go; How TEE May Guide Placement; Troubleshooting Common Problems*

Christina Jelly, MD

Brett Wakefield, MD

#### *PBLD ECMO Cases*

Liliya Pospishil, MD

Nadia Blakemore Hensley, MD

**6-May-23 Saturday 9:00 AM - 12:00 PM**

## **POCUS Workshop One**

### **Moderators:**

Megan Chacon, MD  
Agnieszka Trzcinka, MD

### **Lectures**

#### ***We Should Care About the Future of PoCUS!***

McKenzie Hollon, MD

#### ***How POCUS and TTE Has Expanded My Practice***

Abu Kumareasan, MD

### **Stations**

#### ***The Basic TTE Exam and Comparison TEE Views***

Bradley Coker, MD  
McKenzie Hollon, MD

#### ***Ultrasound for Evaluation of Hypoxia/Dyspnea***

Sheela Pai Cole, MD  
Vidya Rao, MD, MBA

#### ***FAST Examination and Gastric Ultrasound***

Laeben Lester, MD  
Ravi Joshi, MD, MS

#### ***FOCUS Cardiac Examination***

Jacques Neelankavil, MD  
Abu Kumareasan, MD

#### ***Rescue Echo***

Brandon Smoller, MD  
Walker Thomas, MHPTT, RDCS

#### ***Vascular Access and portable/handheld Devices***

Meena Bhatia, MD  
Brian Cho, MD

**6-May 23 Saturday 10:30 AM – 12:00 PM**  
**SOCCA Session**  
**Postoperative Sedation 2.0 – Trust the Science!**

**Moderator:**

Shahzad Shaefi, MD, MPH

***Is Dexmedetomidine the Elixir? Evidence for What Have we Learned***

Christina Boncyk, MD, MPH

***How Much is Too Much – Lessons from COVID and Evidence for Minimal Sedation Practices***

Melissa Ann Vogelsong, MD

***In the Era of ERACS, How Much ICU Sedation Evidence can be Practiced in Postoperative Cardiac Surgery***

Ameeka Pannu, MD

***The Future of Sedation Practices: Drugs, Delivery, and Individualization***

Natalia Ivascu Girardi, MD

**6-May-23 Saturday 10:30 AM - 12:00 PM**  
**Guidelines That Affect your Everyday Life: Summarized by the Experts**

**Moderator:**

Jochen Muehlschlegel, MD, MMSC, MBA

***Creation of Guidelines, Practice Advisories, and Expert Consensus – Where do they Come from? How Are They Written? Why You Should Care!***

Linda Shore-Lesserson, MD

Miklos Kertai, MD, MMHC, PhD

***ACC/AHA Management of Patients with Valvular Heart Disease: Take Home Messages***

Anne Marie Thompson, MD

***ACC/AHA/SCAI Guideline for Coronary Artery Revascularization: Revascularization in a Nutshell***

Michael Conrod Grant, MD, MSE

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

Annette Vegas, MD

***The CPI Preoperative Anemia Management Project: Society Recommendations and Return on Investment***

Jacob Raphael, MD

**6-May-23 Saturday 1:00 PM - 2:30 PM**

## **Heart Failure – Contemporary Approaches to Diagnosis and Treatment**

**Moderator:**

Jiapeng Huang, MD, PhD

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

Kiran Belani, MD

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

Katja Turner, MD

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

Sreekanth Cheruku, MD, MPH

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

Christina Jelly, MD, MS

**6-May-23 Saturday 1:00 PM - 2:30 PM**

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

**Moderator:**

Michele Sumler, MD, MA

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

Peter J. Neuburger, MD

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

Renee Navarro, MD, PharmD

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

Daryl Oakes, MD

*The Business Imperative*

Trevor S. Sutton, MD

**6-May-23      Saturday 1:00 PM - 2:30 PM**

**SCA/STS**

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

**Moderator:**

James (Jake) Abernathy, MD, MPH

*Enhancing Recovery Bundles of Care*

Andrew Shaw, MB

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

Charles Brown, MD

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

Emily Mackay, DO, MS

***Structure, Process, and Outcome: The MPOG – STS Approach***

Michael Mathis, MD

## 6-May-23 Saturday 1:00 PM - 3:30 PM Fellow and Resident Program

### Moderators:

Tara Brakke, MD

Jennifer Hargrave, DO

1:00-2:00 A Career in Cardiothoracic Anesthesiology: Mission Possible

Round table discussions with experts in the field about tips and tricks for a successful transition from residency to fellowship, fellowship to private practice, or fellowship to academics.

2:00- 3:30 PBLD

Practical “real world” cases to review multiple keywords for the 2023 adult cardiac exam.

## 6-May-23 Saturday 4:00 PM – 5:00 PM Fellow and Resident Program Complex Case Discussion

Top four posters and abstracts submitted to the fellow and resident program discussed with an all-star faculty panel from across the nation.

**6-May-23 Saturday 2:30 PM - 5:30 PM**

## **Regional Workshop: Integrating Regional Anesthesia into a Cardiac Anesthesiology Practice**

### **Moderators:**

Himani Bhatt, DO, MPA

Jennifer Hargrave, DO

### **Lectures**

#### ***Welcome and Introduction***

Himani Bhatt, DO, MPA

Jennifer Hargrave, DO

#### ***Just what is ERACS Program? Understanding the Components of A Impactful Program***

Michael Conrad Grant, MD, MSE

#### ***Knowledge is Power: Understanding Chest Wall Innervation and Anatomical Considerations During Regional Anesthesia Approaches to Cardiac Surgery***

Marta Kelava, MD

#### ***Final Thoughts: Practical Use, Handouts/Reference Cards, and Contacts***

Himani Bhatt, DO, MPA

### **Stations**

#### ***Advanced Techniques for Optimizing Your Ultrasound Image***

Nikhil Kumar, MD

Abimbola Faloye, MD

#### ***Pectoral Intercostal Fascial block vs. Transversus Thoracic Plane blocks***

Michael Conrod Grant, MD, MSE

Daniel Tolpin, MD

#### ***PEC I, PEC II***

Benu Makkad, MD

Benjamin Salter, MD

#### ***ESP***

Jessica Brodt, MD

Samhati Mondal, MBBS

#### ***SAP Blocks/Rectus Sheath Blocks***

Marta Kelava, MD

Luca La Colla, MD



**6-May-23 Saturday 2:30 PM - 5:30 PM**

## **Advanced TEE Workshop: Advanced Echo Modalities for Practical Use**

### **Moderators:**

Adam Dalia, MD, MBA

Kelly Ural, MD

### ***Welcome, Introduction of Speakers, Description of Program***

Adam Dalia, MD, MBA

Kelly Ural, MD

### ***Advanced TEE Case Discussion: Demonstrating the Clinical Utility of Advanced Echo Modalities***

Richard Sheu, MD

### **Stations**

#### ***3D Mitral Valve Measurements***

Stanton Shernan, MD

Douglas Shook, MD

#### ***Right Ventricular Quantification***

Feroze Mahmood, MD

Alina Nicoara , MD

#### ***Cardiac Deformation/Strain***

Nelson Burbano Vera, MD

Kathirvel Subramaniam, MD, MPH

#### ***3D Aortic Valve Assessment***

Kiran Belani, MD

Sharon McCartney, MD

**6-May-23 Saturday 3:00 PM - 4:30 PM**

## **Controversies and Dogma in Patient Blood Management for Cardiac Surgical Patients**

**Moderators:**

Michael Eaton, MD

Reed Harvey, MD

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

Nadia Blakemore Hensley, MD

***Treatment for Preop Anemia- Waiting for Elective Surgeries to Treat Preop Anemia: Worth the wait? Or Waste of Time?***

Jacob Raphael, MD

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

Michael Mazzeffi, MD, MPH

***Factor Concentrates used Early for all Patients. What's the Risk? What's the Advantages?***

Jenny Kwak, MD

**6-May-23 Saturday 3:00 PM - 4:30 PM**

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

**Moderators:**

James (Jake) Abernathy, MD, MPH , MD

Agnieszka Trzcinka, MD

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

Karen Domino, MD, MPH

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

Sheila T. Giovannini, JD, MAS

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

Dan Drzymalski, MD

***Medical Error and its Effect on Provider as a Second Victim***

Jo Shapiro, MD

**7-May-23 Sunday 8:00 AM - 9:00 AM**

## Earl Wynands Lecture

**Moderator:**

Mary Beth Brady, MD FASE  
Joyce Wahr, MD

***False Discoveries — How Research Design and Analysis Influences Anesthesia Knowledge***

Philip Jones, MD

**7-May-23 Sunday, 9:00 AM - 10:30 AM**

## **Celebrating 45 years of SCA!**

### **Past, Present and (you are!) the Future**

**Moderators:**

Mary Beth Brady, MD  
Joyce Wahr, MD

***SCA Through the Eyes of One of the Founders***

George Burgess, MD (*past SCA president*)

***SCA Membership – My How we’ve Changed!***

Linda Shore-Lesserson, MD (*past SCA president*)

***Expert’s Perspective on TEE Certification – Where We are and How we Got Here***

Daniel M. Thys, MD (*past SCA president*)

***Research – Part of the Mission, Right from the Start***

Jerry Reves, MD (*past SCA president*)

***Journal Affiliation – When, Why, and Where we are Today***

John Waller, MD (*past SCA president*)

***The Future, like Never Before***

Andrew Shaw, MB (*current president*)  
Kathryn Glas, MD, MBA (*president elect*)  
Stephanie Ibekwe, MD, MPH, MS (*early career BOD member*)

***Panel Discussion – Q and A***

## 7-May-23 Sunday 9:30 AM - 12:30 PM

### 3D TEE Workshop

#### **Moderators:**

Jiapeng Huang, MD, PhD  
Ankit Jain, MD  
Michele Sumler, MD, MA

#### **Lectures**

##### ***3D: Modalities of Acquisition, Advantages, and Disadvantages***

Alina Nicoara, MD

##### ***How Do I Incorporate 3D for Percutaneous Interventions?***

Charles Nyman, MBBCh

##### ***How Do I Incorporate 3D in the Operating Room?***

Feroze Mahmood, MD

##### ***Program Wrap Up***

Jiapeng Huang, MD, PhD

#### **Stations**

##### ***TTE Station***

Anne Cherry, MD

##### ***3D Left and Right Ventricles***

Reed Harvey, MD

##### ***3D Valves***

Andrej Alfirevic, MD

##### ***3D Left and Right Ventricles***

Natalie Silverton, MD

##### ***3D Mitral Valve***

Laeben Lester, MD

##### ***3D Aortic Valve and Tricuspid Valve***

Abimbola Faloye, MD

##### ***Station monitoring***

Promise Ariyo, MD

**7-May-23 Sunday 11:00 AM - 12:30 PM**

**Perioperative Nightmares: Things that Scare EVEN Cardiac Anesthesiologists!**

**Moderator:**

Himani Bhatt, DO, MPA

***I Can't Breathe! – Airway Challenges in Sick Patients***

Megan Kostibas, MD

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

Alessia Pedoto, MD

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

Matthew Shapiro, -MS, CCP

***LVAD Misadventures – What to Do When you Have to Act Fast***

Jenny Kwak, MD

**7-May-23 Sunday 11:00 AM - 12:30 PM**

**Leadership: Principles, Practices and Practical Tools**

**Moderator:**

Dalia Banks, MD

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

Sheela Pai Cole, MD

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

Sasha Shillcutt, MD

***The Globalization of Cardiac Care: How we can Lead the Way***

Madhav Swaminathan, MBBS,MD

***International Perspective on Lung Transplant Leadership***

Julian Fessler, MD

**7-May-23 Sunday 11:00 AM - 12:30 PM**

## **Aortic Dissection Masterclass**

**Moderator:**

Mariya Geube, MD

***The Hyperacute Phase – Perfuse and Protect!***

Worasak Keeyapaj, MD

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

John Augoustides, MD

***Acute Proximal Dissection Repair – Is Less Actually More?***

Marijan Koprivanac, MD

***Malperfusion Syndrome – When it Becomes Complicated...***

Sujatha Bhandary, MD

**7-May-23 Sunday 11:30 AM- 2:30 PM**

## **Fellow/Resident Review**

### **Keys to Success—A Crash Course of Critical Cardiac Anesthesiology Concepts**

**Moderators:**

Tara Brakke, MD

Jennifer Hargrave, DO

***Congenital Heart Disease-- Pathology, Physiology and Echo Considerations***

Tiffany M. Williams, MD, PhD

***All Things Devices: Cardiopulmonary Bypass, Circulatory Assist Devices, and Pacemakers***

Nicholas Markin, MD

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

Ashley Peterson, MD

***Rare Cardiac Diseases—Pathology, Physiology and Echo Considerations***

Megan Kostibas, MD

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

Nelson Burbano Vera, MD

**7-May-23 Sunday 1:30 PM - 3:00 PM**

## **Change in the Financial Landscape - How Recent Changes in the Laws Affect your Bottom Line**

**Moderators:**

Adam Dalia, MD, MBA  
Stephanie Ibekwe, MD, MPH, MS  
Matthew Klopman, MD

***Can They Do That? – Why CPT Codes May Change your Practice***

Gordon Morewood, MD, MBA

***Don't be Surprised by Changes in your Reimbursement Rate***

Christopher Troianos, MD

***SCA Salary Survey 2010-2022- Trends in Compensation and Practice***

Matthew Vanneman, MD

***Will Subspecialty Training Insulate Us From Current Trends in Physician Practice?***

Himani Bhatt, DO, MPA

**7-May-23 Sunday 1:30 PM - 3:00 PM**

## **“I need Cardiac Anesthesia for this Case”: The Legal and Logistical Challenges of this Universal Request**

**Moderators:**

Ankit Jain, MD  
Alycia Wanat-Hawthorne, MD

***Complex Cardiac History: Who Cares for These Patients?***

Lavinia Kolarczyk, MD

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

Josh Cohen, MD

***Documentation and Liability: Ask a Lawyer***

Sheila T. Giovannini, JD, MAS

***Cardiac Anesthesia Consult Service: Needed? Necessary? & Know How to set One Up***

Sinead Nyhan, MD

***Panel Discussion – This is How We do It!***

**7-May-23 Sunday 1:30 PM - 3:00 PM**

## **Hot Topics and Controversies in Adult Congenital Heart Disease**

**Moderators:**

Emily Methangkool, MD, MPH

Jonathan Ho, MD

***Imaging in Unfamiliar Territory: Echo for Adult Congenital Heart Disease***

Tiffany M. Williams, MD, PhD

***When Should I Worry? Perioperative Care of the ACHD Patient***

Gregory M. Janelle, MD

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

Pro: Michael P. Eaton, MD

Con: Jochen Steppan, MD



**7-May-23 Sunday 2:30 PM - 5:30 PM**

## **Professional Development Workshop: Achieving Success in Cardiac Anesthesia: Skill-building Workshop for Professional Development and Career Advancement, and Leadership**

### **Moderators:**

James (Jake) Abernathy, MD, MPH  
Emily Methangkool, MD, MPH

### **Lectures**

#### ***What I Look for in Leaders: How to Choose the Right Person for the Right Task***

David Reich, MD

#### ***How to Deliver a Mind-blowing Presentation***

Madhav Swaminathan, MBBS, MD

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

Sasha Shillcutt, MD

#### ***The Art of Saying No – Essential Time Management Skills***

Lavinia Kolarczyk, MD

### **Stations**

#### ***Networking 101 – How to Perfect Your “Elevator Pitch”***

Jonathan Leff, MD

#### ***Negotiating Tips***

Douglas C. Shook, MD  
Thomas McLoughlin, MD

#### ***1:1 Mentoring for Career Development with SCA Leaders***

Dalia Banks, MD  
Kathryn Glas, MD, MBA  
Gordon Morewood, MD  
Daryl Oakes, MD  
Stanton Shernan, MD  
Linda Shore-Lesserson, MD  
Mark Taylor, MD  
Christopher Troianos, MD  
Mark Taylor, MD

#### ***How to Transform Your Leadership***

James (Jake) Abernathy, MD, MPH

7-May-23 Sunday 3:00 PM - 5:30 PM

## Best of meeting Early Career Investigator

### Moderators:

Jonathan Ho, MD  
Jochen Muehlschlegel, MD  
Lisa Rong, MD MSCE

**7-May-23 Sunday 3:30 PM - 5:30 PM**

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

### Moderators:

Jennifer Hargrave; DO  
Nadia Blakemore Hensley, MD

### ***Spinning Away: Temporary Left Ventricle Support With Microaxial Pumps***

Adam Dalia, MD, MBA

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

Megan Kostibas, MD

### ***Remember The Right Side: Temporarily Supporting the Right Ventricle***

Sreekanth Cheruku, MD

### ***Beyond the Simple: Hybrid and Parallel Extracorporeal Membrane Oxygen Circuits***

Michael Mazzeffi, MD, MPH

### ***The Best of Both Worlds--ECPELLA: Combining ECMO and Microaxial Pumps***

Brett Wakefield, MD

**7-May-23 Sunday 3:30 PM - 5:00 PM**

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

**Moderator:**

Ankit Jain, MD

Kelly Ural, MD

***Mitral Valve Diagnostics...Where it All Begins***

Purvi Parwani, MD

***Perioperative Management and Decision Making – The Anesthesiologist’s Perspective***

Candice Montzingo, MD

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

Laeben Lester, MD

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

Patrick E. Parrino, MD

**7-May-23 Sunday 5:30 PM – 6:30 PM**

**Fellow and Resident Program**

**Mentor- Mentee Session**

**8-May-23 Monday 8:00 AM - 10:00 AM**

**Coronary Artery Disease: A Multidisciplinary Approach to an Age-Old Problem**

**Moderator:**

Tara Brakke, MD

***Medical Management and PCI for Coronary Artery Disease – Classic Treatments, New Perspective***

Purvi Parwani, MD

***Anesthetic Management of High-risk PCI Procedures – Who, How and in What fashion?***

Diana Anca, MD

***CAD? Surgery (CAB) is the Answer – A Surgeon’s Perspective***

Marijan Koprivanac, MD

***CAD? Stents are the Answers – A Cardiologist’s Perspective***

Rani Hasan, MD, MHS

***Cases, Cases, Cases, Cases Show me the Cases!***

Katja Turner, MD

**Plenary – blue, Workshop – Green, General Session – Red, Fellow – Purple, BOM - Gray**

## 8-May-23 Monday 8:00 AM - 11:00 AM POCUS Workshop Two

### **Moderators:**

Alycia Wanat-Hawthorne, MD  
Shahzad Shaefi, MD, MPH

### ***We Should Care About the Future of PoCUS!***

Nicholas W. Markin, MD

### ***How POCUS and TTE Has Expanded My Practice***

Abu Kumareasan, MD

### **Stations**

#### ***The Basic TTE Exam and Comparison TEE Views***

Bradley Coker, MD  
Nicholas W. Markin, MD

#### ***Ultrasound for Evaluation of Hypoxia/Dyspnea***

Sheela Pai Cole, MD  
Ameeka Pannu, MD

#### ***FAST Examination and Gastric Ultrasound***

Lisa Rong, MD, MSCE  
Ravi Joshi, MD, MS

#### ***FOCUS Cardiac Examination***

Jacques Neelankavil, MD  
Abu Kumareasan, MD

#### ***Rescue Echo***

Brandon Smoller, MD  
Walker Thomas, MHPTT, RDCS

#### ***Vascular Access and Portable/Handheld Devices***

Samhati Mondal, MBBS  
Daniel Tolpin, MD

**8-May-23      Monday 10:30 AM -11:00 AM**

## **ASA Update**

**Moderator:**

Andrew Shaw, MB

Michael Champeau, MD FASA  
President of the ASA

**8-May-23      Monday 11:00 AM - 12:00 PM**

## **Keynote: Diversity, Equity & Inclusion**

**Moderator:**

**Andrew Shaw, MB**

***Diversity Equity and Inclusion***

Clyde W. Yancy, MD, MSc, MACC, FAHA, MACP, FHFA, FASPC (Hon.)

**8-May-23      Monday 1:30 PM - 3:00 PM**

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

**Moderator:**

Mary Beth Brady, MD

***LAA Closure Procedures – Tips, Tricks, Troubleshooting***

Nicholas W. Markin, MD

***Interventional Echocardiography for Transcatheter Mitral Valve Repair Walk me Through the Basics***

Candice Morrissey, MD, MSPH

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

Rani Hasan, MD, MHS

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

Burkhard Mackensen, MD

**8-May-23 Monday 1:30 PM - 3:00 PM**  
**Movin' Right Along: ERAS for Cardiac Surgical Cases**

**Moderators:**

Jennifer Hargrave, DO  
Stephanie Ibekwe, MD, MPH, MS

***Pre-Game Planning - Program Development & Implementation***

Alexander Gregory, MD

***Expanding Your Toolbelt- Chest Wall Regional Anesthesia Techniques***

Andrej Alfirevic, MD

***It's a New Day- Opioid Sparing Considerations***

Alexander Mittnacht, MD

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

Amanda Rhee, MD, MS

***Finishing Strong-Post operative Considerations for ERACS Program***

Michael Conrod Grant, MD, MSE

**8-May-23 Monday 1:30 PM - 3:00 PM**

## **EACTAIC Session – Update on Cardiopulmonary Bypass Management**

**Moderator:**

Patrick Wouters, MD, PhD

***Update on the Evidence Based Cardiopulmonary Bypass Guidelines***

Gudrun Kunst, MD, PhD

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

Filip de Somer, PhD

***Kidney Function After Cardiac Surgery and CPB***

Hanne Berg Ravn, DMSc, PhD

***Difficult Weaning off CPB – A Systematic Approach to Common Challenge***

Gianluca Paternoster, MD, PhD

**8-May-23 Monday 3:30 PM - 5:00 PM**

## **TAS Session**

## **What's New in Thoracic Anesthesia in 2023?**

**Moderators:**

Randal S. Blank, MD, PhD

Emily Teeter, MD

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

Randal S. Blank, MD, PhD

***Fluid versus Vasopressors – Managing Hypotension During and after Esophagectomy***

Alessia Pedoto, MD

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

Hyun Joo Ahn, MD, PhD

***Enhanced Recovery after Thoracic Surgery – Outcomes and Recommendations***

Emily Teeter, MD

## 9-May-23 Tuesday 1:00 PM - 2:00 PM

### Complex Cardiac Disease in Pregnancy

**Moderator:**

Candice Montzigo, MD  
Michele Sumler, MD, MA

*Pulmonary Hypertension in Pregnancy: It is Different in Parturient?*

Caroline Hunter, MD

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

Candice Morrissey, MD, MSPH

*Cardiac Surgery During Pregnancy: When two Lives are in the Balance*

Choy R. Lewis, MD

## 8-May-23 Monday 3:30 PM - 5:00 PM

### SUPER ECHO

**Moderators:**

Stephanie Ibekwe, MD, MPH, MS  
Kelly Ural, MD

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

## 8-May-23 Monday 3:30 PM - 5:30 PM

### Best of Meeting 2

**Moderators:**

Jonathan Ho, MD  
Jochen Muehlschlegel, MD  
Lisa Rong, MD, MSCE



## 8-May-23 Monday 3:30 PM - 5:00 PM

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

#### Moderators:

Jiapeng Huang, MD, PhD  
Sharon McCartney, MD

#### *ECMO, CPB, or No Support for Lung Transplant?*

Jessica Spellman, MD

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

Megan Chacon, MD

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

Brandi Bottiger, MD

#### *DCD, PGD Prevention, Volume Management, Pain Control in liver Transplant*

Tetsuro Sakai, MD, PhD, MHA

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

Gebhard Wagener, MD

## 9-May-23 Tuesday 8:00 AM - 10:00 AM

### Perioperative Echocardiography – Things you Should do Every Day but Don't Know How

#### Moderators:

Raghavendra Govinda, MD  
Megan Kostibas, MD

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

Kimberly Howard-Quijano, MD, MS

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

Brian Cho, MD

#### *Basics of 3D Echocardiography – Learn today, Use Tomorrow*

Himani Bhatt, DO, MPA

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

Natalie Silverton, MD

#### *Challenges, Conundrums and Concerns- Lessons Learned from Everyday Cases*

Nicholas W. Markin, MD

**9-May-23      Tuesday 10:30 AM - 12:00 PM**

## **Pushing Boundaries in Cardiac Surgery and Critical Care - Is There a Limit?**

**Moderators:**

Michele Sumler, MD, MA

Emily Methangkool, MD, MPH

***Donation after Circulatory Death***

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

Charles Napolitano, MD, PhD

***CON: DCD Organ Transplants Can be Ethically Problematic***

Peter Neuberger, MD

***Cardiac Surgery and the Frail Patient***

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

Natalia Ivascu Girardi, MD

***CON: Cardiac Surgery for the Frail Patient is NOT Worth the Risk, and Here's What to Do Instead***

Vikram Fielding-Singh, MD, JD

**9-May-23      Tuesday 10:30 AM - 12:00 PM**

## **Managing Right Heart Failure-From Volume to Mechanical Support**

**Moderators:**

Michael Essandoah, MD

Jiapeng Huang, MD, PhD

***Diagnosing Right Heart Failure-From PA Catheter to Echo***

Patrick Wouters, MD

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

Brandi Bottiger, MD

***Pharmaceutical Management of Right Heart Failure***

Andrew Maslow, MD

***Mechanical Circulatory Support for Right Heart Failure***

Katja Turner, MD

## 9-May-23 Tuesday 10:30 AM - 12:00 PM

### The Future Directions of Research in Cardiac Anesthesia

**Moderators:**

Jochen Muehlschlegel, MD, MMSc, MBA

Jessica Spence, MD, PhD

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

Lisa Rong, MD, MSCE

***Novel Statistical Approaches and Big Data***

David Mazer, MD

***How to Leverage Registries, Administrative Databases, and Research Networks to Conduct Retrospective and Prospective Research***

Michael Mathis, MD

***Pragmatic Trials and Other Innovations in Trial Design***

Jessica Spence, MD, PhD

## 9-May-23 Tuesday 1:00 PM - 2:00 PM

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

**Moderator:**

Mariya Geube, MD

***Inotropic Agents Post CPB – A Friend or Foe?***

Andra Duncan, MD, MS

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

Shahzad Shaefi, MD, MPH

***Acute Kidney Injury - Old Disease, New Hope?***

Amanda Fox, MD, MPH

***Acute Coronary Syndrome Post Cardiac Surgery – The Known Unknowns***

Katja Turner, MD

**9-May-23 Tuesday 1:00 PM - 2:00 PM**

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

**Moderator:**

Jennifer Hargrave, DO

**Con: Patient Handoffs May Be Appropriate During Cardiac Surgical Procedures**

James (Jake) Abernathy, MD, MPH

**Pro: Patient Handoffs May Be Appropriate During Cardiac Surgical Procedures**

Amanda Rhee, MD, MS

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

Sasha Shillcutt, MD

**9-May-23 Tuesday 2:00 PM - 3:30 PM**

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

**Moderators:**

Megan Chacon, MD

Jennifer Hargrave, DO

***Unexpected Tricuspid Regurgitation, Now What?: Echo Assessment and Recommendations for Surgical Management***

Jessica Brodt, MD

***Let's Complicate the Question: Tricuspid Valve Assessment and Management During Mitral Valve Surgery***

Michele Sumler, MD, MA

***Simple Solutions on the Horizon? Percutaneous Interventions for the Tricuspid Valve***

Richard Sheu, MD

***In A Field Far, Far Away: Imaging Considerations and Assessment of the Pulmonic Valve***

Liliya Pospishil, MD

***When Less Is More: Percutaneous Interventions Options for Pulmonic Valve Dysfunction***

Johanna Ghobrial, MD, MSc

***Ross, Time for a Comeback?: Update on Utilization of the Ross Procedure***

Tiffany M. Williams, MD, PhD

**9-May-23 Tuesday 2:00 PM - 3:30 PM**

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

**Moderator:**

Jonathan Ho, MD

***Keep up the Pace: Perioperative management of Pacemakers and ICDs***

Anne Marie Thompson, MD

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

Timothy M. Maus, MD

***Catheter Based Ablations and Beyond: Epicardial Mapping and Ablation***

Diana Anca, MD

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

Kimberly Howard-Quijano, MD, MS

**9-May-23 Tuesday 4:00 PM - 5:30 PM**

## **Coagulation Conundrums in Cardiac Surgery Patients – Challenging Cases Simplified by Experts**

**Moderators:**

Mariya Geube, MD

Nadia Blakemore Hensley, MD

***P2Y12 Inhibitors and Platelet Function Testing – Clear, Concise, and Completely Understandable***

Nadia Blakemore Hensley, MD

***Ticagrelor and Emergency Surgery – What Does the Science Show?***

David Mazer, MD

***HITT Help! Diagnosis, Algorithms, and Management***

Michael Mazzeffi, MD, MPH

***DOAC (Direct Oral Anticoagulants) – Answers to your Questions***

Mariya Geube, MD

**9-May-23 Tuesday 4:00 PM - 5:30 PM**

## **The Vulnerable Aging Brain: Optimizing Perioperative Outcomes**

**Moderator:**

Sharon L. McCartney, MD

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

F. Willem Lombard, MBChB

***Perioperative Care – How to Identify Elderly Patients with Vulnerable Brains: Should they be Managed Differently?***

Hilary P. Grocott, MD

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

Karsten Bartels, MD, PhD, MBA

***The Perioperative Brain Health Initiative – Steps to Promote Brain Health in the Elderly before, During and After Cardiac Surgery***

Michael Devinney, MD, PhD

**SCA Annual Meeting PBLDs (7-14)**  
**Sunday, May 7, 2023; 6:45 AM - 8:00 AM**  
*(For PBLDS 1-6, please see TAS meeting)*

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

## SCA Annual Meeting PBLDs (15-22)

### Monday, May 8, 2023, 6:45 am - 8:00 am

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



## SCA Annual Meeting PBLDs (23-30)

### Tuesday, May 9, 2023, 6:45 AM - 8:00 AM

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

James (Jake) Abernathy, MD, MPH  
Johns Hopkins University School of Medicine  
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Clyde W. Yancy, MD, MSc, MACC, FAHA, MACP, FHFA, FASPC (Hon.)  
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