

SCA 2024 ANNUAL MEETING & WORKSHOPS



IN COLLABORATION WITH



April 27-30, 2024 • Toronto, Canada

Save the Date

Preliminary Program

Saturday, April 27, 2024

Saturday, April 27 | 6:30 AM - 7:30 AM

Problem Based Learning Discussions (PBLDs)

See PBLD List on <https://scahq.org/education/meetings-and-events/annual-meetings-workshops/> for additional details.

Saturday, April 27 | 7:30 AM - 9:30 AM

Refreshing Look at Refresher Course Lectures: A Multidisciplinary Approach

Artificial Intelligence - Everyone's Talking about AI, but What Does It Mean to Me?

The Cardiothoracic Anesthesiologist as a Perioperative Consultant - Worth the Staffing Headache or Totally Impractical?

Thoracic Surgery Update - Secrets from an Expert

Hypertrophic Cardiomyopathy - What's New? What's Old? What You Might Not Know.

Saturday, April 27 | 7:00 AM - 10:00 AM

ECMO Workshop

See Workshop List on <https://scahq.org/education/meetings-and-events/annual-meetings-workshops/> for additional details.

Saturday, April 27 | 9:45 AM - 10:45 AM

AATS: Leadership Plenary Session

Governor Arnold Schwarzenegger | **My Journey Leading in America**

Saturday, April 27 | 11:00 AM - 12:00 PM

Earl Wynand Lecture

Saturday, April 27 | 11:00 AM - 12:00 PM

Fellow and Resident Posters: Session 1

Saturday, April 27 | 1:00 PM - 2:00 PM

Fellow and Resident Program Mission Possible

Saturday, April 27 | 1:00 PM - 2:15 PM

SOCCA - How I Approach a Frail Patient for Cardiac Surgery: Three Perspectives

The Anesthesiologist's Approach to the Frail Cardiac Surgery Patient

The Surgeon's Approach to the Frail Cardiac Surgery Patient

The Intensivist's Approach to the Frail Cardiac Surgery Patient

Saturday, April 27 | 1:00 PM - 2:15 PM

Structural Echo Like Never Before! Multidisciplinary Panel of Experts

Transcatheter Mitral Valve Solutions – Options, Research, Future Directions

Tricuspid Valve Anatomy - Old Valve, New Insight, Procedural Imaging Clarified

Surgeon's Perspective of Transcatheter Aortic Valve Replacement - A New Look at an Old Friend

Saturday, April 27 | 1:30 PM - 4:30 PM

POCUS Workshop

See Workshop List on <https://scahq.org/education/meetings-and-events/annual-meetings-workshops/> for additional details.

Saturday, April 27 | 2:00 PM - 3:30 PM

Fellow and Resident Program PBLD - Case Based

Saturday, April 27 | 2:30 PM - 3:45 PM

Acute Kidney Injury – Predict, Avoid, Manage, and Treat

AKI - A Rationale Approach to Preoperative Evaluation - What Says the Science?

Can CBP Play Nice with the Kidney? Intraoperative Strategies for Kidney Protection During CPB

Caring for the Kidney in the ICU

AKI Biomarkers: Should They be Used Routinely in Daily Clinical Practice?

New Horizons: Recent Promising Clinical Trials of Cardiac Surgery Associated Acute Kidney Injury

Saturday, April 27 | 2:30 PM - 3:45 PM

Cardiovascular Dilemmas: Everyone Loves a Good Controversy!

Dilemma One:

Coronary Artery Disease, Dilemmas, Debates: Grab a Knife, this Patient Needs Surgery

Coronary Artery Disease, Dilemmas, Debates: Put Down that Saw! Cardiac Stents to the Rescue

Dilemma Two:

When the Cardiac Anesthesiologist and the Cardiac Surgeon Don't Agree - How do we move forward professionally?

Saturday, April 27 | 4:00 PM - 5:00 PM

Fellow and Resident Posters: Session 2

Saturday, April 27 | 4:15 PM - 5:30 PM

Anesthesia for Thoracic Surgery: The ABBCs (TAS Session)

A: Airway: Lung Isolation – What if it's Difficult?

B: Breathing – Oxygen and One Lung Ventilation – How Much is Enough? How Much is Too Much?

B: Breathing: Ventilation – Do Mechanical Power and Energy Matter?

C: Circulation: When One Lung Ventilation Affects Hemodynamics: What Should I Do?

Saturday, April 27 | 4:15 PM - 5:30 PM

When the Unexpected Occurs: Keys to Surviving a Malpractice Lawsuit

Something Happened: First Steps Following an Undesirable Outcome

The Letter Arrives: Responding to A Notification of Legal Proceedings

Preparation: Depositions and Testifying

After the Party is Over: Starting Over after an Unexpected Event

Saturday, April 27 | 5:00 PM - 6:00 PM

Fellow and Resident Mentor/Mentee Session

Sunday, April 28, 2024

Sunday, April 28 | 6:30 AM - 7:30 AM

Problem Based Learning Discussions (PBLDs)

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Sunday, April 28 | 7:30 AM - 9:00 AM

Multidisciplinary Case Conversations: Intraoperative Decision Making with the Experts

Cases

Mitral Valve – Functional MR Case

Mitral Valve – Primary MR Case

Aortic Valve – Repair Case or an AVR Case Requiring Aortic Root Enlargement.

Tricuspid Valve – Functional TR Case

Sunday, April 28 | 8:00 AM - 9:00 AM

Fellow and Resident Posters: Session 3

Sunday, April 28 | 9:00 AM - 12:00 PM

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

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Sunday, April 28 | 9:30 AM - 10:30 AM

**Late Breaking Updates in Cardiac Anesthesiology: What's New in 2024?
(Research Session)**

Regional Anesthesia for Cardiac Surgery: What's New in 2024?

Patient Blood Management and Coagulation: What's new in 2024?

Atrial Fibrillation and Cardiac Surgery: What's New in 2024

Sunday, April 28 | 9:30 AM - 10:30 AM

Providing Care to Vulnerable Populations

Improving Anesthesia Care Quality in Low Resource Centers – Building International Anesthesiology Capacity Through Education

Health Services Research - What Does this Mean and Why Might it be Helpful in Perioperative Cardiovascular Medicine?

Considering the Perspectives of Patients from Vulnerable Communities - Why are Patient's Concerns Relevant to Healthcare Outcomes?

Sunday, April 28 | 9:30 AM - 10:30 AM

Fellow Complex Cases

Sunday, April 28 | 10:45 AM - 12:00 PM

Cardiac Anesthesiologist as the Preventionist: You Can Make the Difference

Reducing Transfusions: Strategies for Preoperative Anemia

Out of Rhythm: Preparing AFIB Patients for CT Surgery

Assessing and Optimizing Preoperative Nutrition: Big Doesn't Mean Well Fed

Update on the Prevention of Vasoplegia: Insights from the Data

Sunday, April 28 | 10:45 AM - 12:00 PM

Multidisciplinary Approach to Adult Congenital Heart Disease: What You Should Know but May Not (STS session)

The Adult Congenital Patient in the Operating Room – What Do I Need to Know So I Am Less Afraid?

TEE for the Adult Congenital Patient - Short and Sweet from the Expert

Adult Congenital Heart Disease Surgical Controversies - A Surgeon's Perspective

Postoperative Care of the Adult with Congenital Heart Disease - Where? By Whom? And How to?

Today's Look at Predicting Risk for Those with ACHD – The 2023 STS Prediction Model

Sunday, April 28 | 10:45 AM - 1:45 PM

Fellow and Resident Review Course

Sunday, April 28 | 1:00 PM - 2:00 PM

Heart/Lung/Liver Transplantation - Contemporary Considerations, Concerns, Cases

Have Efforts to Expand the Organ Donor Pool in Heart and Lung Transplantation Been Safe and Successful – What Does the Evidence Say?

Organ Allocation and Wait List Management – Has Restructuring the Status of the Heart Transplant Wait List Changed the Way We Manage Acute Heart Failure?

Intraoperative ECLS for Liver Transplantation – Expertise Beyond the Cardiac Operating Room?

Sunday, April 28 | 1:00 PM - 2:00 PM

“Hot Topics” in Cardiac Anesthesia: 20 years later... EACTAIC Session

What Happened to Preconditioning?

Is Intraoperative Glycemic Control Mandatory?

Beta Blockers: First, Do No Harm!

Sunday, April 28 | 1:30 PM - 4:30 PM

3D TEE Workshop

See Workshop List on <https://scahq.org/education/meetings-and-events/annual-meetings-workshops/> for additional details.

Sunday, April 28 | 2:15 PM - 3:15 PM

Leadership Summit: First of Its Kind! You Don't Want to Miss This!

Sunday, April 28 | 3:15 PM - 3:45 PM

ASA Presidential Update

Sunday, April 28 | 3:00 PM - 5:30 PM

Best of Meeting Oral Abstracts: Session 1 and Early Career Investigator Awards

Sunday, April 28 | 4:15 PM - 5:30 PM

Complex Thoracic Aortic Surgery: How to Tame the Beast

New Horizons for Hybrid Aortic Arch Reconstruction

Ice, Ice, Baby! Optimizing Brain Protection, Cooling and Beyond...

Save the Spinal Cord! Techniques to Optimize Perfusion During TAAA Repair

Endovascular versus Open TAAA Repair. Are Open Repairs Still Worth the Risk?

Sunday, April 28 | 4:15 PM - 5:30 PM

Whether in Private Practice or Academics: Building a Successful Cardiac Anesthesiology Group

Doing More with Less - How Do We Ensure Quality and Safety?

Reimbursement in Academic and Private Practice: Are They the Same?

Credentialing in the Era of the Adult Cardiac Anesthesiology Subspecialty Certification: Current and Future Implications for a Cardiac Anesthesia Service

You Have Your Workforce, Now Let's Keep Them!

Monday, April 29, 2024

Monday, April 28 | 6:30 AM - 7:30 AM

Problem Based Learning Discussions (PBLDs)

See PBLD List on <https://scahq.org/education/meetings-and-events/annual-meetings-workshops/> for additional details.

Monday, April 29 | 7:30 AM - 9:00 AM

Right Ventricle: How to Access, Treat and Keep Your Patient Alive!

New Developments in Understanding Right Ventricular Function in the Perioperative Setting

Managing the Failing Right Heart in the Critical Care Arena

Surgical Treatment for Chronic Thromboembolic Pulmonary Hypertension (CTEPH) Disease:

An Update on Pulmonary Thromboendarterectomy

Anesthetic Management on Pulmonary Thromboendarterectomy

Monday, April 29 | 7:30 AM - 9:00 AM

When Cardiac Anesthesiologists Consult Others: Experts Answering Complex Intraoperative Conundrums

Dreaded MR Following Mitral Valve Repair – When is Too Much MR Too Much?

Hey, the Heart is Still Beating: Myocardial Protection Struggles and Solutions

Glycemic Control - Too High? Too Low? Does It Really Make a Difference?

Surprise! “Could You Take A Look at the Aorta?” Diagnosis and Management of Iatrogenic Aortic Dissection

Intraoperative Dialysis: “Potassium is Elevated. Should We Start Dialysis in the OR”

Monday, April 29 | 9:00 AM - 12:00 PM

Advanced TEE Workshop: Advanced Echo Modalities for Practical Use

See Workshop List on <https://scahq.org/education/meetings-and-events/annual-meetings-workshops/> for additional details.

Monday, April 29 | 9:30 AM - 10:30 AM

Changing Paradigms in the Practice of CT Anesthesiology: The SCA/STS Participant User File Research Program (QSV session)

The SCA/STS Participant User File Research Program

Training and Validation of Novel Cardiac Surgical Risk Models Incorporating Right Ventricular Function from the STS Adult Cardiac Surgery Database

Multimodal Analgesia and Outcomes after Cardiac Surgery: A Retrospective Cohort

Assessment of a Tree-Based, Machine Learning Algorithm to Optimize Intraoperative Transesophageal Echocardiography Allocation for Isolated Coronary Artery Bypass Graft Surgery - A Precision Medicine Application

Perioperative Acetaminophen and Decreased Postoperative Acute Kidney Injury (AKI) After Cardiac Surgery

Monday, April 29 | 9:30 AM - 10:30 AM

Unsolved Controversies in Temporary Mechanical Circulatory Support

Bridging Patients to Lung Transplantation with VA vs. VV ECMO

First Line Anticoagulation with Direct Thrombin Inhibitors: Fad or the Future?

Is LV Venting with Percutaneous LVADs Worth the Cost and Hassle?

Ambulation on Peripheral VA ECMO: Can All Centers Do It Safely?

Monday, April 29 | 10:30 AM - 11:00 AM

Business Meeting and Awards

Monday, April 29 | 11:00 AM - 12:00 PM

Keynote Address

Monday, April 29 | 1:00 PM - 2:15 PM

Perioperative Echocardiography: Dilemmas, Discussion and Dialogue – Now That's 3D!

Converting TEE knowledge into TTE Utilization: It's Not as Hard as You Think!

Incidental Findings; Assess, Ignore or Address

ECMO on Echo: Does That Look Right to You?

Cases, Cases, Cases – Nothing but Cases

Monday, April 29 | 1:00 PM - 2:15 PM

The Times, They Are a Changin': Hot Topics in Certification and Education

Could ACGME Milestone Competency vs. Length of Program Solve the Anesthesiology/Cardiac Anesthesiology Workforce Shortage?

Lessons Learned from the First Round of ABA Cardiac Anesthesiology Board Examinees

Echo Education: Have We Stalled as Educators, Is It Time for Increased Standardization and What Is New on the Horizon?

Dealing with the Disinterested Learner: Every Educators' Worst Nightmare

When Your Faculty Is in "A Burning Ring of Fire": Acknowledging Burnout and Helping Your Faculty Stay Engaged

Monday, April 29 | 2:30 PM - 3:45 PM

Multidisciplinary Symposium on Perioperative Management of Heart Failure: Meds, Management, Mistakes and Sometimes Magic!"

Diagnosis and Preop Optimization: Staging Heart Failure and Perioperative Implications

Staffing of The Heart Failure patient for Non-Cardiac Surgery - Who? Where? Why? And how?

Something, Anything, to Pump the Blood: Devices Used in Heart Failure Management

What Happens Next: Outcomes After Heart Transplantation

Monday, April 29 | 2:30 PM - 3:45 PM

Patient Safety in the Cardiac Operating Rooms: Lessons Learned and Future Opportunities

Measure What Matters: Meaningful Cardiac Anesthesia Benchmarks and Public Reporting

All Hands on Deck: The Role of Multispecialty Alliance on Improvement of Quality and Patient Safety in the Cardiac Operating Rooms

Not Zero Errors, but Zero Patient Harm! Are We There Yet?

The Double-edged Sword of Production Pressure – Great for our Field or Too Much, Too Fast?

Monday, April 29 | 2:30 PM - 5:30 PM

Regional Workshop: Integrating Regional Anesthesia into a Cardiac Anesthesiology Practice

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Monday, April 29 | 3:30 PM - 5:30 PM

Best of Meeting Oral Abstracts: Session 2

Monday, April 29 | 4:15 PM - 5:30 PM

Down to the “Root” of Aortic Disease: Decades of Advice, Considerations and Experience

“Personalized” Aortic Root Procedure Planning: Through the Eyes of the Echocardiographer

Keep It or Can It? Intraoperative TEE Decision Making for Successful Aortic Valve Surgery

Surgical Options for the Young Patient with Dilated Aortic Root

Tuesday, April 30, 2024

Tuesday, April 30 | 7:30 AM - 9:30 AM

Please Make It Clot: How to Manage Challenging Coagulation Scenarios

Doses and Thrombosis: Low vs. High Dose Coagulation Factor Therapy

Stop the Bleeding Not the Pump

The Cryo-ing Game: Innovations in Fibrinogen Replacement

Magic Potions or Bitter Bills? DOAC Reversal

Case Discussions

Tuesday, April 30 | 7:30 AM - 9:30 AM

Super Echo

Tuesday, April 30 | 9:45 - 11:45 AM

Multidisciplinary Mitral Valve Extravaganza: Diagnosis, Outcomes, and Everything in Between

Perioperative Decision Making: When is It time to Intervene on Mitral Regurgitation?

Transcatheter Mitral Valve Therapy: Why, For Which Patients, What are the Outcomes?

Mitral Valve Disease? Why Surgery, What Surgery and For Which Patients?

Real Time Heart Team Case Round Table - Be a fly on the wall for Case Review, Discussion, and Solution

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