

Thoracic Anesthesia Symposium & Workshops 2024



April 26, 2024 ■ Toronto, Canada

Metro Toronto Convention Centre

#SCATAS2024

Thoracic Anesthesia Symposium & Workshops



Welcome



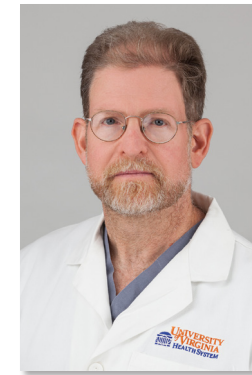
Welcome to Toronto, Canada and thank you for attending SCA's Thoracic Anesthesia Symposium for 2024! We're confident that you will enjoy this meeting with thought leaders providing a deep dive exploration of new topics in thoracic surgery and anesthetic challenges. You'll also appreciate the Hands-on workshop format – with a focus on your clinical interests and exploring what is new with an interactive experience with leaders in the field.

The Thoracic Anesthesia Symposium Planning Committee has created a program that will stimulate ideas, questions, discussion, and friendly debate. Network with other professionals in anesthesiology to help you gain insight into your practice and career.

We hope that you will take advantage of every opportunity to expand your knowledge by attending a variety of sessions and networking with the field's leading professionals. We look forward to seeing you and hope you enjoy your time in Toronto!

Best wishes,

Kathryn Glas, MD
President, 2023-2025



Dear Thoracic Anesthesiology Colleagues,

Welcome to the 12th Annual Thoracic Anesthesia Symposium and Workshops! We are excited that you have joined us and look forward to our mutual exchange of ideas, techniques, and advances in the field of Thoracic Anesthesia.

We recognize how valuable your time is and the wide array of choices available to you for continuing medical education. In addition to didactic sessions presented by international experts in Thoracic Anesthesia, the Thoracic Anesthesia Symposium Planning Committee is also excited to present a newly updated and improved selection of Workshops featuring hands on experience with 3D printed models and an augmented reality technology for regional anesthesia.

Our goals for the Symposium are to provide updates in critical topics in Thoracic Anesthesia, to enhance learning of important techniques and skills, to promote discussion and debate of controversial topics in our field and to facilitate networking. We are also pleased to offer new research and challenging case presentations in both poster and oral presentation formats as well as a selection of new problem-based learning discussions submitted by you, our SCA members.

Each session is designed to present clear and timely information pertinent to our unique specialty. We look forward to reconnecting with old colleagues and meeting new ones. We encourage you to ask questions and offer insight. Please visit the abstract presentations and sign up for the workshops and PBLDs! We are very grateful to our commercial sponsors for their generous and critical support of our educational program and encourage you to take advantage of the exhibits to familiarize yourselves with the newest clinical equipment and supplies pertinent to your Thoracic Anesthesia practice.

On behalf of the SCA and the 12th Annual Thoracic Anesthesia Symposium and Workshops, I enthusiastically welcome you to Toronto, Canada, and the Symposium!

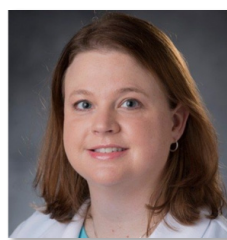
Sincerely,

Randy Blank, MD, PhD
Thoracic Anesthesia Symposium and Workshops Program Chair

LEADERSHIP



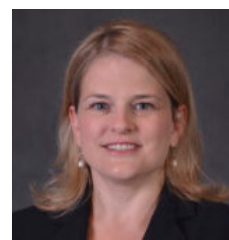
Randal S. Blank
MD, PhD
Chair



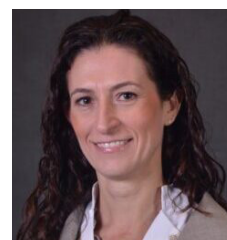
Rebecca Y. Klinger
MD, MS
Vice Chair
and Abstract
Coordinator



Emily Teeter
MD, FASE
Workshop
& PBLD
Coordinator



Amanda A. Fox
MD
Parent-Committee
Chair; SCA Board
Liaison



Alessia Pedoto
MD, FASA
Ex-Officio,
Past-Chair;
Liaison, OESC



Chirojit Mukherjee
FASE, MD, PHD
EACTAIC
Liaison

MEMBERS

Hyun Joo Ahn, MD, PhD
Diana Anca, MD
Caryl F. Bailey, MD

Sergey Karamnov, MD
Amanda M. Kleiman, MD
Victoria H. Knott, MD

Archer Martin, MD
Wanda M. Popescu, MD

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Philadelphia, PA*

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Iowa City, IA*

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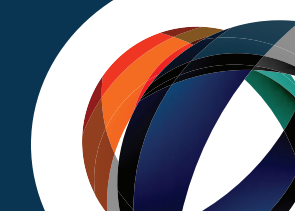
TAS2024 Official Event APP



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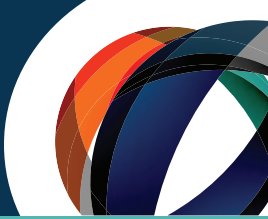





6:00 AM – 7:00 PM	Registration and Information Hours
6:45 AM – 7:45 AM	Breakfast
7:45 AM – 8:00 AM	Welcome and Opening Remarks <i>Randal Blank, MD, PhD</i>
8:00 AM – 9:00 AM	PANEL 1 DISCUSSION: The Right Ventricle, Pulmonary Hypertension and Thoracic Surgery Moderator: <i>Archer Martin, MD</i>
	<ul style="list-style-type: none"> One Lung Ventilation and Hemodynamics <i>Julien Fessler, MD</i> Chronic Thromboembolic Pulmonary Hypertension – Options: Cath Lab to Pulmonary Endarterectomy <i>Amanda Kleiman, MD</i> Pulmonary Hypertension and Thoracic Surgery <i>Archer Martin, MD</i> Q&A
9:00 AM – 9:45 AM	SESSION 1: History and Future of Thoracic Anesthesia Moderators: <i>Diana Anca, MD, Peter Slinger, MD, FRCPC</i>
	<ul style="list-style-type: none"> The Past <i>Alessia Pedoto, MD, FASA</i> The Present and Future <i>Wanda Popescu, MD</i> Q&A
9:45 AM – 10:00 AM	Coffee Break
10:00 AM – 11:00 AM	WORKSHOP #1
	<ul style="list-style-type: none"> Lung Isolation Workshop Moderator: <i>Dionne Peacher, MD</i> Presenters: <i>Caryl Bailey, MD, Ross Blank, MD, Javier Campos, MD, Nicole Ginsburg, MD, Yasmin Maisonave, MD</i> Thoracic Ultrasound: Diagnosis & Management Workshop Moderator: <i>Hyun Joo Ahn, MD, PhD</i> Presenters: <i>Nazish Hashmi, MD, Heejoon Jeong, MD, Elmari Neethling, MBChB, FCA, FRCPC</i> Regional Anesthesia Workshop Moderator: <i>Angela Pollak, MD, FASE</i> Presenters: <i>Brett Elmore, MD, FASE, Jacob Jackson, MD, Luca La Colla, MD, MSHI</i> Critical Procedure Workshop Moderator: <i>Amanda Kleiman, MD</i> Presenters: <i>Andrea Corujo-Rodriguez, MD, Paul Schipper, MD, FACS, FACC, Daniel Smith, MD</i>
11:00 AM – 11:30 AM	DIFFICULT CASES Moderators: <i>Caryl Bailey, MD, Emily Teeter, MD</i>
	Difficult Case: Anesthetic Management of Fourth Reoperative Thoracotomy for Eloesser Flap in a Pneumonectomy Patient <i>Julia Scarpa, MD, PhD; Marguerite Hoyler, MD; Liang Shen, MD; and Matthew Murrell, MD, PhD</i>
	Difficult Case: Erroneous Transection of Main Pulmonary Artery During Open Pneumonectomy <i>Lena Glowka, MD; Wanda Popescu, MD; and Robert Stout, ABA</i>
	Difficult Case: Intraoperative Management of Venoarterial Extracorporeal Membrane Oxygenation in Combined Liver-Lung Transplant <i>Andrea Rivero, DO; and Hong Liang, DO</i>

11:30 AM – 12:00 PM	TOP RESEARCH ABSTRACTS Moderators: <i>Sergey Karamnov, MD, Rebecca Klinger, MD, MS</i>
	Association of Mechanical Energy and Power with Postoperative Pulmonary Complications in Lung Resection Surgery: A Post Hoc Analysis of Randomized Clinical Trial Data <i>Susie Yoon, MD, PhD; Randal Blank, MD, PhD; Hyun Joo Ahn, MD, PhD; and Jae-Hyon Bahk, MD, PhD</i>
	Pain Trajectories Comparing Thoracic Epidural Analgesia, Erector Spinae Plane Block, Intercostal Nerve Block, and Medical Management after Video-Assisted Thoracoscopic Surgical Lobectomy <i>Marina Tumino, DO; Jong Ok La, MS; Betty Tong, MD; and Rebecca Klinger, MD, MS</i>
12:00 PM – 1:00 PM	Lunch
1:00 PM – 1:30 PM	Poster Presentations
1:30 PM – 2:30 PM	WORKSHOP #2
	<ul style="list-style-type: none"> Lung Isolation Workshop Moderator: <i>Dionne Peacher, MD</i> Presenters: <i>Caryl Bailey, MD, Ross Blank, MD, Javier Campos, MD, Nicole Ginsburg, MD, Yasmin Maisonave, MD</i> Thoracic Ultrasound: Diagnosis & Management Workshop Moderator: <i>Hyun Joo Ahn, MD, PhD</i> Presenters: <i>Nazish Hashmi, MD, Heejoon Jeong, MD, Elmari Neethling, MBChB, FCA, FRCPC</i> Regional Anesthesia Workshop Moderator: <i>Angela Pollak, MD, FASE</i> Presenters: <i>Brett Elmore, MD, FASE, Jacob Jackson, MD, Luca La Colla, MD, MSHI</i> Critical Procedure Workshop Moderator: <i>Amanda Kleiman, MD</i> Presenters: <i>Andrea Corujo-Rodriguez, MD, Paul Schipper, MD, FACS, FACC, Daniel Smith, MD</i>
2:30 PM – 3:30 PM	PANEL 2: The Worst Case I Ever Had Moderator: <i>E. Andrew Ochroch, MD</i>
	<ul style="list-style-type: none"> Tracheal Stenting for Mediastinal Mass-mediated Tracheal Compression: The Double Bind <i>Randal Blank, MD, PhD</i> Whole Lung Lavage for Alveolar Proteinosis <i>Peter Slinger, MD, FRCPC</i> Massive Hemoptysis in the Bronchoscopy Suite <i>Diana Anca, MD</i> Q&A
3:30 PM – 3:45 PM	Break
3:45 PM – 4:30 PM	SESSION 2: Thoracic Surgery and Anesthesia Updates Moderator: <i>Hyun Joo Ahn, MD, PhD</i>
	<ul style="list-style-type: none"> Ex Vivo Lung Perfusion: An Update for the Thoracic Anesthesiologist <i>Travis Geraci, MD</i> Recent Studies and Advances in Thoracic Anesthesia: Implications for Your Practice <i>Peter Slinger, MD, FRCPC</i>

(continued)



4:30 PM – 5:30 PM	WORKSHOP #3
	<ul style="list-style-type: none"> Lung Isolation Workshop Moderator: Dionne Peacher, MD Presenters: Caryl Bailey, MD, Ross Blank, MD, Javier Campos, MD, Nicole Ginsburg, MD, Yasmin Maisonave, MD Thoracic Ultrasound: Diagnosis & Management Workshop Moderator: Hyun Joo Ahn, MD, PhD Presenters: Nazish Hashmi, MD, Heejoon Jeong, MD, Elmarí Neethling, MBChB, FCA, FRCPC Regional Anesthesia Workshop Moderator: Angela Pollak, MD, FASE Presenters: Brett Elmore, MD, FASE, Jacob Jackson, MD, Luca La Colla, MD, MSHI Critical Procedure Workshop Moderator: Amanda Kleiman, MD Presenters: Andrea Corujo-Rodriguez, MD, Paul Schipper, MD, FACS, FACC, Daniel Smith, MD
5:30 PM – 6:00 PM	DEBATE: Should Vasopressors be Used to Treat Hypotension in Esophagectomy? Moderator: Julien Fessler, MD <ul style="list-style-type: none"> Con Speaker: Andrew Dhanasopon, MD, FACS Pro Speaker: E. Andrew Ochroch, MD
6:00 PM - 7:00 PM	TOWN HALL: Drinks and Discussions with the Experts Moderators: Hyun Joo Ahn, MD, PhD, Randal Blank, MD, PhD, Rebecca Klinger, MD, MS, Ju-Mei Ng, MD, Alessia Pedoto, MD, FASA, Wanda Popescu, MD, Peter Slinger, MD, FRCPC, Emily Teeter, MD

TAS Problem Based Learning Discussions (PBLDs)

Saturday, April 27, 2024 ▪ 7:00 AM - 8:00 AM

PBLD #1	Lung Transplantation in Kartagener's Syndrome – Mirror, Mirror, on the Wall Presenter: Julien Fessler, MD, Emily Teeter MD, FASE
PBLD #2	Setting up a Regional Anesthetic Service for Thoracic Surgery Presenters: Rebecca Klinger, MD, MS, Angela Pollak, MD
PBLD #3	Massive Hemoptysis in Interventional Pulmonology Suite Presenters: Ju Mei Ng, MD, Wanda Popescu, MD
PBLD #4	It's Only a Simple Procedure – Segmentectomy in a Patient with Severe Pulmonary Hypertension and Right Ventricular Dysfunction Presenters: Caryl Bailey, MD, Theresa Gelzini, MD
PBLD #5	Anesthetic Management for a Patient with an Anterior Mediastinal Mass – When Do You Need Backup? Presenters: Nazish Hashmi, MD, Sergey Karamno, MD
PBLD #6	Challenges in Acute Pain Management: The Patient with Cancer Undergoing Minimally Invasive Esophageal Surgery Presenters: Alessia Pedoto, MD, FASA, Brett Elmore, MD, FASE

KIOSK 1 ▪ Moderator: Caryl F. Bailey, MD

TAS-01	Marcus Cluse, MD, MPH	A Case Of Pulmonary Artery Catheter Entrapment after Mitral Valve Replacement and Coronary Artery Bypass Grafting
TAS-07	June Tong, MD	Difficult Lung Isolation In Patient With Prior Total Laryngectomy
TAS-13	Jennifer Macpherson, MD	Problematic Right Bronchus Anatomy – A Case of Establishing a Safe Lung Isolation and Patient Oxygenation Plan for a Patient Undergoing Left Pneumonectomy Who Has Unusual Right Bronchus Anatomy

KIOSK 2 ▪ Moderator: Sergey Karamnov, MD

TAS-02	Leilani Sampang, MD	A Case Report Discussing Challenges of Jet Ventilation During Surgical Management of Severe Subglottic Stenosis
TAS-08	Tyson Verhaal, MD	Double Chamber Right Ventricle and Perimembranous VSD in a 28 year-old Transgender Male
TAS-014	Bishoi Nassef, MD	Robotic Assisted Tracheal Resection With Extracorporeal Membrane Oxygenation: Sweep Some More!

KIOSK 3 ▪ Moderator: Victoria H. Knott, DO

TAS-03	Laurence Poon, FANZCA, MBBS	A Challenging patient with Previous Pneumectomy and Stenosed Trachea for a Multilevel Spinal Fusion
TAS-09	Lucas Skoda, DO	Extracorporeal Membrane Oxygenation Emergency – Displacement of Venous Cannula During Double Lung Transplant
TAS-015	Shahin Mortazavi, MD	Stress Cardiomyopathy in a Patient with Anterior Mediastinal Mass undergoing Chamberlain Procedure

KIOSK 4 ▪ Moderator: Ju-Mei Ng, MD

TAS-04	Miles McNeir, DO	A Postinduction Can't-Intubate-Can't-Ventilate Scenario Due to in Situ Tracheal Stent Obstruction
TAS-10	Mark Hanlon, MD	Massive Bullae with Cardiac Compression: Anesthetic Approach to a Patient with Vanishing Lung Syndrome Presenting for Pneumonectomy
TAS-16	Mary Arthur, MD, FASE, FASA	The Evolution of Practice Patterns in Double-Lumen Tube Size Selection for Thoracic Surgery: A Retrospective Single Center Observational Study

KIOSK 5 ▪ Moderator: E. Andrew Ochroch, MD

TAS-05	Nil Ural, MD	Anesthesia For Carinal Tumor Resection Via Sternotomy Utilizing Cross-field Ventilation and Intermittent Apnea
TAS-11	Alexander Lewis, MD, MBA, MPH	Novel Anesthetic Management of Lung Isolation During Bronchial Stump Deterioration
TAS-17	Dominick Morrow, MD	Veno-venous Extracorporeal Membrane Oxygenation for Total Intra-Operative Ventilatory Support for Thoracotomy

KIOSK 6 ▪ Moderator: Alessia Pedoto, MD, FASA

TAS-06	Wade Fox, MD, MHA	Bivalirudin Resistance During Lung Transplantation for COVID-19
TAS-12	Daniel Parker, MD	Pneumonectomy as Salvage Therapy in the setting of Acute on Subacute Hypoxic Respiratory Failure During One-Lung Ventilation

ACCREDITATION STATEMENT

ACCREDITATION AND DESIGNATION STATEMENTS

The Society of Cardiovascular Anesthesiologists (SCA) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. SCA designates this live, in person activity for a maximum of *10 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

LEARNING OBJECTIVES

1. Describe the latest advances and research in thoracic anesthesia.
2. Identify current trends in clinical and bench research pertinent to the perioperative care of patients undergoing thoracic surgery and incorporate this knowledge into understanding of the science of thoracic medicine.
3. Evaluate new therapeutic techniques and diagnostic/interventional procedures in thoracic anesthesiology.
4. Discuss advances in procedures related to thoracic anesthesia including regional anesthesia of the chest wall and point-of-care ultrasound and how to use them to improve outcomes in thoracic surgical patients.
5. Acquire skills necessary for career progression in thoracic anesthesia.



HOW TO GET YOUR CME CERTIFICATE

1. **SCAN QR CODE** to get your **CME CERTIFICATE** (link will become active at the conclusion of the meeting).
2. Login and evaluate the meeting.
3. Print all pages of your certificate for your records.

CONTACT INFORMATION If you have questions regarding your CME certificate, please contact Karol Flowers, kflowers@scahq.org.

Thank You

2024 EXHIBITORS

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**SCA
2025**



ANNUAL MEETING
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April 26-29

Montreal, Quebec



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TAS2025

THORACIC ANESTHESIA
SYMPOSIUM & WORKSHOPS

APRIL 25
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