



Friday, April 25

6:45 AM - 7:45 AM	Breakfast
7:45 AM - 8:00 AM	Welcome and Opening Remarks <i>Rebecca Klinger, MD, MS</i>
8:00 AM - 9:00 AM	PANEL 1: THORACIC SURGERY AT THE EXTREMES <i>Moderators: Edmond Cohen, MD, FASA and Sergey Karamnov, MD</i>
	<ul style="list-style-type: none"> ▪ Age <i>Charles Brown, MD</i> ▪ Body Mass Index <i>Stephen Bender, MD</i> ▪ Cardiac Function <i>Etienne Couture, MD, FRCPC</i>
9:00 AM - 9:45 AM	SESSION 1: ETHICAL ISSUES: A GLOBAL PERSPECTIVE <i>Moderator: Randal S. Blank, MD, PhD</i>
	<ul style="list-style-type: none"> ▪ North American Perspective <i>Ross Blank, MD</i> ▪ European Perspective <i>Massimiliano Meineri, MD, FASE</i> ▪ Asian Perspective <i>Susie Yoon, MD</i>
9:45 AM - 10:00 AM	Break
10:00 AM - 11:00 AM	WORKSHOP 1
	<p>Lung Isolation Workshop</p> <p>Looking to expand your lung isolation practice beyond left sided double lumen tubes? Interested in hands-on practice with bronchial blockers your institution doesn't carry? Keen to debate how to achieve lung isolation in a nasally intubated patient for right-sided thoracoscopic surgery? Look no further than the TAS Lung Isolation Workshop! In 60 minutes of hands-on practice, rotate through 4 stations of lung isolation techniques with experts in thoracic anesthesia.</p> <p><i>Learning Objectives:</i> The learner will apply lung isolation techniques:</p> <ul style="list-style-type: none"> ▪ using right-sided and left-sided double lumen tubes ▪ using bronchial blockers ▪ in challenging cases <p><i>Moderator: Dionne Peacher, MD</i> <i>Faculty: Caryl F. Bailey, MD; Ross Blank, MD; Nicole Ginsberg, MD; and Yasmin Maisonave, MD</i></p> <p>POCUS for Thoracic Workshop</p> <p>Have you wanted to learn about point-of-care ultrasound techniques but haven't found the right course to target these techniques to your practice in thoracic anesthesia? Welcome to the POCUS for Thoracic workshop, where we will spend 60 minutes learning and practicing hands-on ultrasound techniques that you will find useful in your everyday clinical practice. You will rotate through various stations to learn about lung ultrasound, how to perform a brief cardiac assessment, gastric ultrasound to help in decision-making in patients on GLP-1 medications, and more!</p> <p><i>Learning Objectives:</i> The learner will understand and practice:</p> <ul style="list-style-type: none"> ▪ lung ultrasound for determination of pathology including pulmonary edema, pneumothorax, & more ▪ a brief cardiac ultrasound to assess for filling status and biventricular function ▪ gastric ultrasound to determine and quantify gastric volume <p><i>Moderator: Nazish K. Hashmi, MD</i> <i>Faculty: Masmilliano Meineri, MD, FASE; Ingrid Moreno Duarte, MD; Elmarie Neethling, MBChB, FCA, FRCPC, MMED, LMCC; and Roderigo Lami Pereira, MD</i></p>



TAS2025

THORACIC ANESTHESIA SYMPOSIUM & WORKSHOPS

APRIL 25
MONTREAL, CANADA

Friday, April 25 (continued)

10:00 AM - 11:00 AM	WORKSHOP 1
	<p>Regional Anesthesia Workshop Interested in learning how to incorporate regional anesthesia techniques into your thoracic practice? In our workshop you will rotate through multiple stations with live models and ultrasound phantoms to learn from the experts how to select and perform regional anesthesia techniques targeting the chest wall. We will cover serratus anterior plane blocks, erector spinae plane blocks, paravertebral blocks and more! Nothing beats hands-on experience when learning regional techniques and that is exactly what our workshop delivers.</p> <p><i>Learning Objectives:</i> The learner will:</p> <ul style="list-style-type: none"> gain an understanding of the coverage of various regional anesthetic blocks targeting the chest wall, including the pros and cons of each technique understand the sonoanatomy of the various blocks targeting the chest wall practice scanning for the proper block placement location on live human models and practice ultrasound-guided needle placement using phantom models <p><i>Moderator: Angela Pollak, MD</i> <i>Faculty: Jacob Jackson, MD; Luca La Colla, MD, MSHI, ABPM-CI; and Kenneth R. Mullen, MD</i></p>
11:00 AM - 11:30 AM	Difficult Cases <i>Moderators: Diana Anca, MD and Peter Slinger, MD, FRCPC</i>
11:30 AM - 12:00 PM	Top Research Abstracts <i>Moderators: Emily G. Teeter, MD and Dilip Thakar, MD</i>
12:00 PM - 1:00 PM	Lunch
1:00 PM - 1:30 PM	<p>Poster Presentations <i>Moderators: Hyun Joo Ahn, MD, PhD; Caryl F. Bailey, MD; Randal S. Blank, MD, PhD; Sergey Karamnov, MD; Amanda M. Kleiman, MD; Victoria H. Knott, DO; Alessia Pedoto, MD, FASA; Peter Slinger, MD, FRCPC; and Dilip Thakar, MD</i></p>
1:30 PM - 2:30 PM	WORKSHOP 2
	<p>Lung Isolation Workshop <i>Moderator: Dionne Peacher, MD</i> <i>Faculty: Caryl F. Bailey, MD; Ross Blank, MD; Nicole Ginsberg, MD; and Yasmin Maisonave, MD</i></p> <p>POCUS for Thoracic Workshop <i>Moderator: Nazish K. Hashmi, MD</i> <i>Faculty: Masmilliano Meineri, MD, FASE; Ingrid Moreno Duarte, MD; Elmari Neethling, MBChB, FCA, FRCPC, MMED, LMCC; and Roderigo Lami Pereira, MD</i></p> <p>Regional Anesthesia Workshop <i>Moderator: Angela Pollak, MD</i> <i>Faculty: Jacob Jackson, MD; Luca La Colla, MD, MSHI, ABPM-CI; and Kenneth R. Mullen, MD</i></p>
2:30 PM - 3:30 PM	PANEL 2: FRONTIERS IN THORACIC ANESTHESIA - HOW TO INCORPORATE IT INTO YOUR PRACTICE <i>Moderators: Caryl F. Bailey, MD and Peter Slinger, FRCPC, MD</i>
	<ul style="list-style-type: none"> Artificial Intelligence in Thoracic Anesthesia <i>Ryan Melvin, PhD</i> Lung-on-a-Chip and Lung Bioengineering <i>Edmond Cohen, MD, FASA</i> Ultrasound-Guided Thoracic Epidurals <i>Brent MacLellan, MD</i>
3:30 pm - 3:45 pm	Break
3:45 PM - 4:30 PM	SESSION 2: ORGAN PROTECTION IN THORACIC SURGERY <i>Moderators: Hyun Joo Ahn, MD, PhD and Amanda M. Kleiman, MD</i>
	<ul style="list-style-type: none"> Preventing Atrial Fibrillation <i>Nathan H. Waldron, MD, MHS</i> Preventing Acute Kidney Injury <i>Marc-Joseph Licker, MD</i>



Friday, April 25 (continued)

4:30 PM – 5:30 PM WORKSHOP 3	
	<p>Lung Isolation Workshop Moderator: <i>Dionne Peacher, MD</i> Faculty: <i>Caryl F. Bailey, MD; Ross Blank, MD; Nicole Ginsberg, MD; and Yasmin Maisonave, MD</i></p> <p>POCUS for Thoracic Workshop Moderator: <i>Nazish K. Hashmi, MD</i> Faculty: <i>Masmilliano Meineri, MD, FASE; Ingrid Moreno Duarte, MD; Elmari Neethling, MBChB, FCA, FRCPC, MMED, LMCC; and Roderigo Lami Pereira, MD</i></p> <p>Regional Anesthesia Workshop Moderator: <i>Angela Pollak, MD</i> Faculty: <i>Jacob Jackson, MD; Luca La Colla, MD, MSHI, ABPM-CI; and Kenneth R. Mullen, MD</i></p>
5:30 PM - 6:00 PM	<p>Pro/Con Debate – Ideal PEEP: Does It Exist? Moderator: <i>Alessia Pedoto, MD, FASA</i></p> <ul style="list-style-type: none"> • Con – <i>Marcelo Gama de Abreu, MD, MSc, PhD, DESAIC</i> • Pro – <i>Randal S. Blank, MD, PhD</i>
6:00 PM - 7:00 PM	<p>Townhall: Ask the Experts with Refreshments Moderators: <i>Randal S. Blank, MD, PhD; Edmond Cohen, MD, FASA; Marcelo Gama de Abreu, MD, MSc, PhD, DESAIC; Alessia Pedoto, MD FASA; and Peter Slinger, MD, FRCPC</i></p>

Saturday, April 26

6:45 AM - 6:00 AM TAS PROBLEM BASED LEARNING DISCUSSIONS (PBLDS)	
	<ul style="list-style-type: none"> • PBLD #1: Anterior Mediastinal Mass and Airway Compression in the Parturient: What Could Go Wrong? The educational pearls from this incredible complex case involving two high risk patient populations – the pregnant woman and the dreaded anterior mediastinal mass – are innumerable. <i>Educational Objectives:</i> <ul style="list-style-type: none"> • Formulate anesthetic considerations for patients with anterior mediastinal mass • Discuss the planning and coordination with maternal-fetal medicine team • Discuss planning of backup and rescue if hemodynamic instability <i>Moderators: Ross Blank, MD and Meghan Horn, MD</i> • PBLD #2: Cannot Ventilate Intraoperatively: One Patient with Three Etiologies of Air Cover multiple etiologies of air leak all in this dizzying case involving difficulty with intraoperative ventilation. <i>Educational Objectives:</i> <ul style="list-style-type: none"> • Discuss etiology and challenges in management of air leak • Formulate a stepwise approach in management of air leaks during thoracic surgery • Discuss multidisciplinary planning for intra-and post-operative management of air leaks <i>Moderators: Edmond Cohen, MD, FASA, Ahmed Shalabi, MBBCh, M.Sc., FCAI and Manxu Zhao, MD, MS</i>



Saturday, April 26 (continued)

6:45 AM - 6:00 AM

TAS PROBLEM BASED LEARNING DISCUSSIONS (PBLDS)

- PBLD #3: Challenges in Acute Pain Management: The Patient with Cancer Undergoing Minimally Invasive Esophageal Surgery**

Postoperative pain in thoracic surgery is a complex problem facing clinicians. This can be even more difficult in the patient with cancer.

Educational Objectives:

- Formulate anesthetic considerations for minimally invasive esophageal surgery
- Discuss regional anesthetic options for minimally invasive esophageal surgery
- Discuss the options of establishing a pain/regional service for thoracic surgery

Moderators: Kenneth R. Mullen, MD and Alessia Pedoto, MD, FASA

- PBLD #4: It's Only a Simple Procedure - Segmentectomy in a Patient with Severe Pulmonary Hypertension and Right Ventricular Dysfunction**

Right ventricular dysfunction is a common pathology seen in thoracic surgical patients and can be acutely exacerbated with one lung ventilation, to potentially disastrous consequences. Learn how to recognize and manage this complex pathology.

Educational Objectives:

- Discuss the physiology and classification of PHTN
- Formulate anesthetic management for patients with severe PHTN for lung resection
- Discuss rescue options for RV failure in the setting of severe PHTN

Moderators: Caryl F. Bailey, MD and Theresa A. Gelzinis, MD

- PBLD #5: Lung Transplantation with ECMO**

This PBLD has been updated to include discussion of the use of ECMO during and post lung transplantation.

Educational Objectives:

- Discuss anesthetic considerations for lung transplantation
- Discuss risk stratification of patients for lung transplantation and multidisciplinary discussion of backup/rescue planning
- Formulate strategies for pain management for lung transplantation

Moderators: Julian Fessler, MD and Nathan H. Waldron, MD, MHS

- PBLD #6: Massive Hemoptysis in the Interventional Pulmonology Suite**

This PBLD will focus on recognition and management of emergent hemoptysis in the low-resource environment of the interventional pulmonology suite.

Educational Objectives:

- Plan anesthetic management of interventional pulmonology procedures
- Diagnose and manage massive hemoptysis
- Formulate a plan for emergency preparedness for managing massive hemoptysis in Interventional Pulmonology Suite

Moderators: Ju-Mei Ng, MD and Wanda M. Popescu, MD