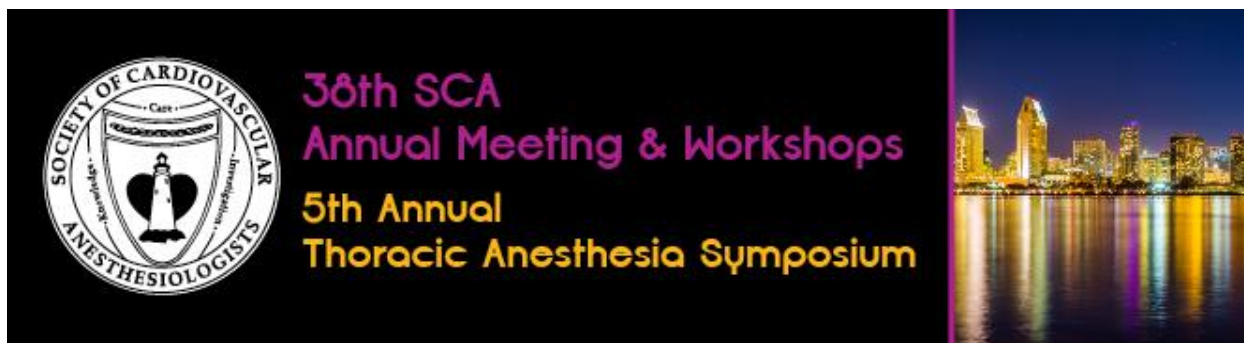




April 1, 2016 • Manchester Grand Hyatt • San Diego, CA

PRELIMINARY PROGRAM AT A GLANCE

Friday, April 1

7:00-7:50 am Breakfast with Exhibitors and Poster Setup

7:50-8:00 am Opening Remarks, Meeting Orientation

8:00-9:00 am Panel 1: Fluid Management and Thoracic Surgery
 Moderator: *R. Lebron Cooper, MD*

Deficit, Vascular Tone and Fluid Responsiveness – *Andrew D. Shaw, MB FRCA FCCM*
 Glycocalyx Interface between Research and Clinical Care – *Jens Lohser, MD MSc FRCPC*
 Dynamic Monitoring and Open Chest: Does it Matter? – *E. Andrew Ochroch, MD MSCE*

At the conclusion of this session, participants will be better able to:

1. Discuss the importance of the endothelial glycocalyx for vascular integrity and outline how breakdown of the glycocalyx may be a central component of lung injury.

9:00-10:00 am Session 1: Cardiac Disease and Pulmonary Hypertension
 Moderator: *Wanda M. Popescu, MD*

Update on Perioperative Management of Pulmonary Hypertension – *Paul M. Heerdt, MD PhD FCCP*
 Patient with Severe Pulmonary Hypertension for Non-Cardiothoracic Surgery: What's Necessary? – *Peter D. Slinger, MD FRCPC*
 Cardiac Stents and Pulmonary Resection: Should We Worry? – *Wanda M. Popescu, MD*

At the conclusion of this session, participants will be better able to:

1. Recall the most recent concepts in managing patients with pulmonary hypertension in the perioperative period.
2. Develop a strategic plan to manage a patient with severe pulmonary hypertension undergoing thoracic surgery.
3. Recall the optimal management of dual antiplatelet therapy in patients with coronary stents presenting for thoracic surgery.

10:00-10:15 am Coffee Break with Exhibitors

10:15-11:00 am *Workshop Choice #1

11:00-11:45 am *Workshop Choice #2

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PRELIMINARY PROGRAM AT A GLANCE

- 11:45 am-12:15 pm** **Top Abstracts and Difficult Cases**
Moderators: *Alessia Pedoto, MD; Wanda M. Popescu, MD*
- 12:15-1:15 pm** **Lunch with Exhibitors**
- 1:15-2:00 pm** **Poster Session**
Moderator: *Alessia Pedoto, MD*
- 2:00-3:00 pm** **Panel 2: Update on One-Lung Ventilation and Hypoxemia**
Moderator: *Ferenc Puskas, MD PhD*
- Cellular Effects of Hypoxemia (Research Update) – *Tobias Eckle, MD*
Management of Hypoxemia: How Low is too Low? – *Ferenc Puskas, MD PhD*
Old Tricks and New Tips – *Javier H. Campos, MD*
- At the conclusion of this session, participants will be better able to:
1. Describe the pathophysiology of hypoxia during one-lung ventilation.
 2. State the effects of hypoxia on inflammatory response and cytokine release during one-lung ventilation.
 3. List the different alternatives on ventilatory management during hypoxemia and OLV including the use of CPAP, PEEP, individual PEEP, alveolar recruitment strategies and oxygen insufflation.
 4. Define the interdependent relationship between hypoxia and inflammation.
 5. State the transcriptional responses to hypoxia.
 6. Discuss the functional role of hypoxia-signaling during acute lung injury.
 7. State the effect of hypoxemia on healthy versus elderly patients with comorbidities.
 8. Discuss the effect of hypoxemia on pulmonary vasculature and circulation.
 9. Describe the potential utility of cerebral oximetry during one lung ventilation.
- 3:00-4:00 pm** **Session 2: Improving Care Quality and Economics of Thoracic Surgery**
Moderator: *Randal S. Blank, MD PhD*
- Enhanced Recovery after Thoracic Surgery: The European Experience – *Donna L. Greenhalgh, MBChB FRCA FFICM*
Preoperative Surgical Home and Pulmonary Prehabilitation: The Future of Thoracic Anesthesiology? – *Randal S. Blank, MD PhD*
What Does Really Matter in Quality? A National Perspective – *Katherine Grichnik, MD FASE*
- At the conclusion of this session, participants will be better able to
1. State the efficacy of ERAS protocols in improving care quality and cost in thoracic surgery.
 2. Examine the potential utility of the perioperative surgical home model and pulmonary prehabilitation in thoracic surgery and anesthesia.
 3. List the quality metrics and their relevance to perioperative care of thoracic surgical patients.
- 4:00-4:15 pm** **Coffee Break with Exhibitors**
- 4:15-5:00 pm** ***Workshop Choice #3**
- 5:00-5:45 pm** ***Workshop Choice #4**

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5:45-6:30 pm **Thoracic Jeopardy!**
Peter D. Slinger, MD FRCPC

6:30-7:30 pm **Reception**

***Workshop Options:**

Paravertebral Blocks

Moderators: *Brandi Bottiger, MD; Javier H. Campos, MD; Timothy Jackson, MD*

Speakers: *George Kanellakos, MD; Gian Paparcuri, MD*

At the conclusion of this session, participants will be better able to: TBD.

Airway Surgery (jet, HFJV, exchange catheters)

Moderators: *Javier H. Campos, MD; Timothy Jackson, MD; Joshua Sebranek, MD; Jagtar Singh Heir, DO*

Speakers: *Richard Galgon, MD; Joshua Sebranek, MD; Jagtar Singh Heir, DO; Sudhakar Subramani, MD*

At the conclusion of this session, participants will be better able to: TBD.

Lung Isolation with the use of Bronchial Blockers in Patients with Difficult Airway (blocker station, DLT station)

Moderators: *Javier H. Campos, MD; Timothy Jackson, MD; Kenichi Ueda, MD*

Speakers: *Jean Bussieres, MD; R. Lebron Cooper, MD; Jennifer Macpherson, MD; Ron Purugganan, MD*

At the conclusion of this session, participants will be better able to:

1. To identify patients with difficult airways and needing lung isolation.
2. To review the indication for the use of endobronchial blockers in patients having difficult airways and needing lung isolation.
3. To review the technique to place Wire Guided Endobronchial in patients with known and unknown difficult airway.
4. The differences between the four models of Bronchial Blockers.
5. The insertion of the Bronchial Blockers.
6. The management of Lung Isolation in presence of Difficult Airway

Lung Ultrasound

Moderators: *Timothy Jackson, MD; Massimiliano Meineri, MD*

Speakers: *Alan Ross, MD; Andrew Steel, BSc MBBS MRCP FRCA FRCPC EDIC*

At the conclusion of this session, participants will be better able to: TBD.

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PRELIMINARY PROGRAM AT A GLANCE

Saturday, April 2

6:20-7:55 am Problem-Based Learning Discussions
PBLD Moderator: *Philip M. Hartigan, MD*

6:20 AM – 7:05 AM		
PBLD 1a	Robotic Thoracic Surgery	Javier H. Campos, MD; Jeffrey Swanson, MD
PBLD 2a	Pediatrics Patient with Mediastinal Mass	Randal S. Blank, MD PhD; Leo Martinez Rowe, MD
PBLD 3a	Esophagectomy	Jens Lohser, MD MSc FRCPC; Jagtar Singh Heir, DO
PBLD 4a	Optimal Pain Management	R. Lebron Cooper, MD; Alessia Pedoto, MD
PBLD 5a	Lung Transplantation	Rebecca Klinger, MD MSc FRCPC; Peter D. Slinger, MD FRCPC
PBLD 6a	Patient with Cardiac Disease Undergoing Thoracic Surgery	Diana Anca, MD; Wanda Popescu, MD
PBLD 7a	ECMO for Lung Rescue	Jacob Gutsche, MD; Andrew Roscoe, FRCA
PBLD 8a	Patient with Obstructive Distal Tracheal Mass	Philip M. Hartigan, MD Ju-Mei Ng, MD
7:15 AM – 7:55 AM		
PBLD 1b	Robotic Thoracic Surgery	Javier H. Campos, MD; Jeffrey Swanson, MD
PBLD 2b	Pediatrics Patient with Mediastinal Mass	Randal S. Blank, MD PhD; Leo Martinez Rowe, MD
PBLD 3b	Esophagectomy	Jens Lohser, MD MSc FRCPC; Jagtar Singh Heir, DO
PBLD 4b	Optimal Pain Management	R. Lebron Cooper, MD; Alessia Pedoto, MD
PBLD 5b	Lung Transplantation	Rebecca Klinger, MD MSc FRCPC; Peter D. Slinger, MD FRCPC
PBLD 6b	Patient with Cardiac Disease Undergoing Thoracic Surgery	Diana Anca, MD; Wanda Popescu, MD
PBLD 7b	ECMO for Lung Rescue	Jacob Gutsche, MD; Andrew Roscoe, FRCA
PBLD 8b	Patient with Obstructive Distal Tracheal Mass	Philip M. Hartigan, MD Ju-Mei Ng, MD