

3rd Annual Thoracic Anesthesia Symposium

March 28–29, 2014 • Sheraton New Orleans • New Orleans, LA

PROGRAM-AT-A-GLANCE

Course Director
Peter D. Slinger, MD

Program Committee

Randal S. Blank, MD, PhD; Javier H. Campos, MD;
Edmond Cohen, MD; Lebron Cooper, MD; Philip Hartigan, MD;
E. Andrew Ochroch, MD; Wanda Popescu, MD; Ferenc Puskas, MD, PhD

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Target Audience

Anesthesiologists who practice anesthesia for noncardiac thoracic surgery. This includes anesthesiologists who practice in both teaching centers and community hospitals and in centers with and without cardiac surgery, as well as anesthesia residents and cardiothoracic anesthesia fellows.

Statement of Need

There have been many recent advances in anesthesia for noncardiac thoracic surgery, including, but not limited to, lung isolation techniques in patients with difficult airways, prevention of hypoxemia during one-lung ventilation, and management of minimally invasive and robotic lung surgery. Discussions with attendees at recent anesthesia meetings and a survey of course evaluations have identified these areas as professional practice gaps, and this program of continuing education is designed to address knowledge and performance deficiencies in these areas.

Anesthesia for thoracic surgery is not a separate subspecialty but is commonly included within the subspecialty of cardiovascular anesthesia; however, many clinicians who provide anesthesia for thoracic surgery do not provide cardiac anesthesia, and a large portion of thoracic surgery is performed in hospitals that do not do cardiac surgery. There has not been an adequate forum at a national specialty or subspecialty anesthesia meeting to allow these practitioners to keep pace with the advances in thoracic anesthesia. This program is designed to be an update and review of thoracic anesthesia for both anesthesiologists who do and do not do cardiac anesthesia.

Goal

To improve the provision of perioperative care for patients having noncardiac thoracic surgery

Objectives

This course will have a limited registration and will attempt to maximize interaction between attendees and faculty with the use of panels, case discussions, workshops, problem-based learning discussions (PBLDs), and debates. After attending this course, attendees should be able to

- identify the important anesthetic management factors in patients with pulmonary hypertension having noncardiac surgery
- evaluate new monitoring systems in thoracic anesthesia such as cerebral oximetry and noninvasive cardiac output
- understand recent developments in techniques of management for postthoracotomy pain including thoracic epidural and paravertebral infusions
- improve their ability to interpret new modalities of chest imaging
- understand recent developments in the physiology of one-lung ventilation and use this information to treat hypoxemia during minimally invasive thoracic surgery
- provide a variety of ventilation options for patients during airway surgery
- improve their ability of to provide safe and reliable lung isolation with double-lumen tubes and bronchial blockers in patients with difficult airways
- discuss recent advances in anesthesia for lung transplantation.

Accreditation

The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation

The Society of Cardiovascular Anesthesiologists designates this live activity for a maximum of 10.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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Ferenc Puskas, MD, PhD

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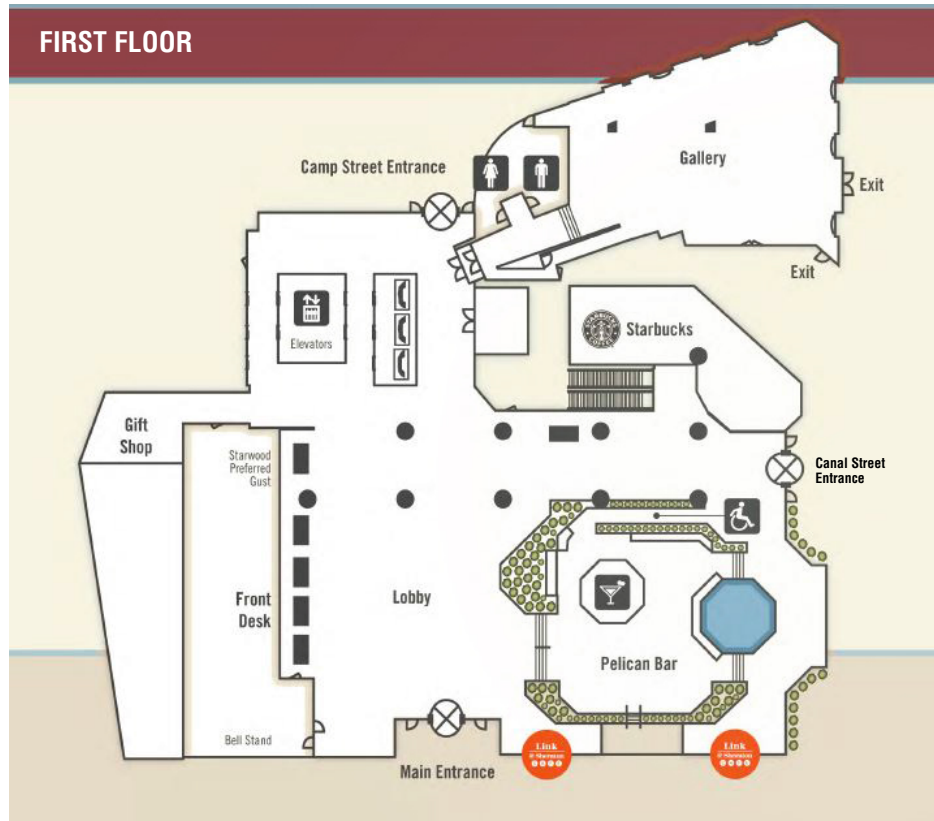
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Andritsos, Michael, MD	1	Nossaman, Bobby, MD	1
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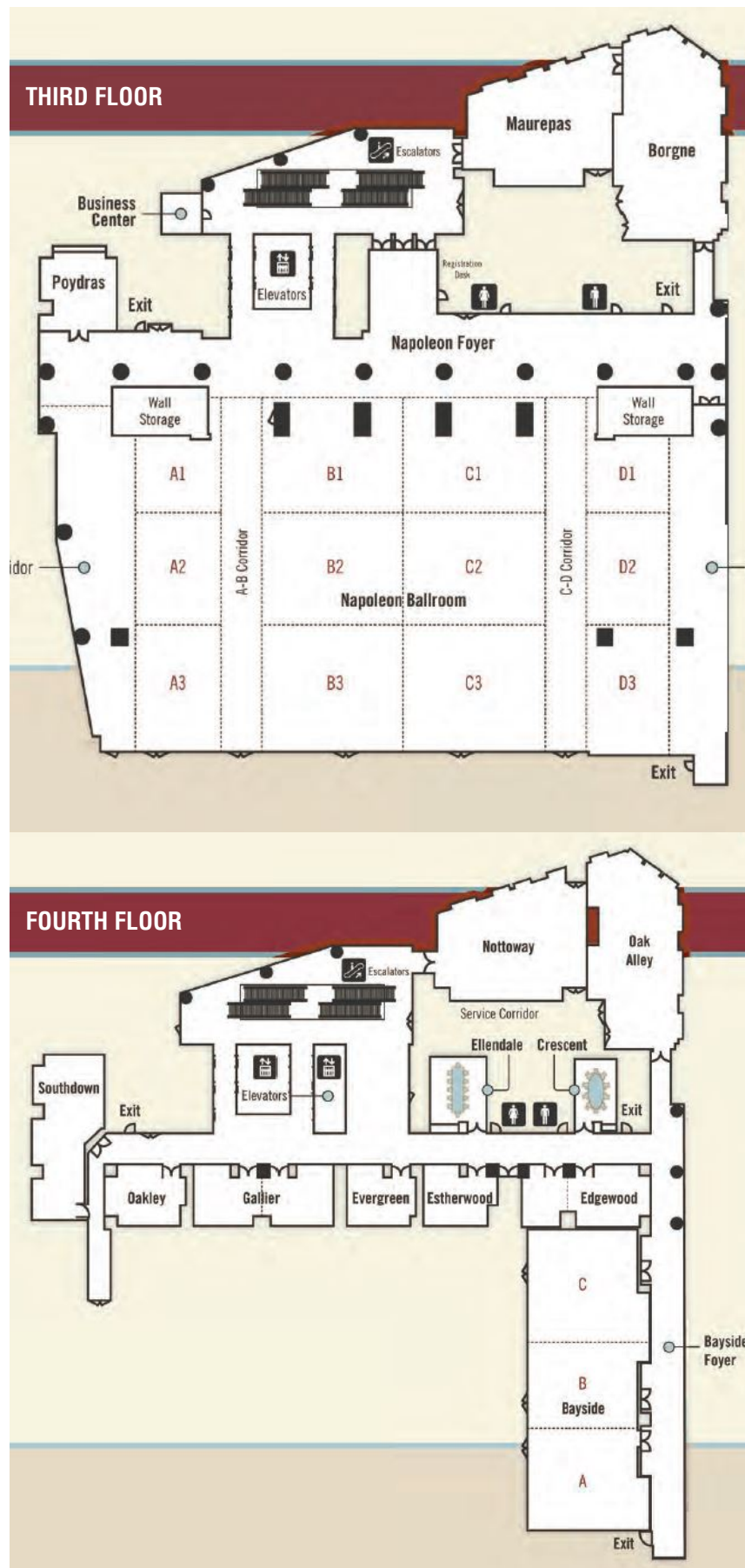
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PROGRAM SCHEDULE

Thursday, March 27, 2014

3–6 pm Registration Desk Open

Friday, March 28, 2014

6:30 am–5:30 pm	Registration Desk Open	
7–7:50 am	Continental Breakfast With Exhibitors	Lagniappe
7:50–8 am	Introduction—Peter D. Slinger, MD	Waterbury
8–9:15 am	Panel 1: Post-Thoracotomy Analgesia —Moderator: Peter D. Slinger, MD <ul style="list-style-type: none"> A 75-Year-Old Patient With COPD for Open Lobectomy <ul style="list-style-type: none"> Why I Prefer Paravertebral Analgesia—Stephen Pennefather, MD Why I Prefer Thoracic Epidural Analgesia—Peter D. Slinger, MD How Can I Decrease Chronic Post-Thoracotomy Pain?—E. Andrew Ochroch, MD 	Waterbury

PBLDs and Seminars

During the concurrent PBLDs and seminars, attendees will participate in the PBLD or seminar preselected for each of the four concurrent sessions. Every registrant will attend three PBLDs and one seminar. The selections were made when completing the meeting registration form and are included with your meeting name badge. Availability is first come, first served.

9:20–10:05 am	Session A: PBLD (See page 8 for list of PBLDs.)	Waterbury
9:20–9:50 am	Session A: Seminar: Dramatic Emergencies in Thoracic Anesthesia—Philip M. Hartigan, MD	Maurepas
9:50–10:30 am	Coffee Break With Exhibitors	Lagniappe
10:30–11:15 am	Session B: PBLD (See page 8 for list of PBLDs.)	Waterbury
10:30–11 am	Session B: Seminar: Esophagectomy—Randal S. Blank, MD, PhD; Benjamin Kozower, MD, MPH	Maurepas
11:20 am–12:35 pm	Panel 2: Difficult Case? No problem!—Moderator: Wanda Popescu, MD	Waterbury
12:35–1:35 pm	Lunch With Exhibitors	Lagniappe
12:35–1:35 pm	Digital Abstract Presentations—Moderator: Ferenc Puskas, MD, PhD	Gallery
1:35–2:50 pm	Panel 3: Airway Surgery —Moderator: Randal S. Blank, MD, PhD <ul style="list-style-type: none"> Tracheobronchial Surgery: A Surgeon's Perspective—Benjamin Kozower MD, MPH <ul style="list-style-type: none"> Anesthesia for Airway Surgery—Paul Alfille, MD Anterior Mediastinal Mass: A Fresh Look at an Old Demon—Philip M. Hartigan, MD Questions and Discussion 	Waterbury
2:55–3:40 pm	Session C: PBLD (See page 8 for list of PBLDs.)	Waterbury
2:55–3:25 pm	Session C: Seminar: Aging and Lung Resection—Paul M. Heerdt, MD, PhD	Maurepas
3:25–3:55 pm	Coffee Break With Exhibitors	Lagniappe
3:55–4:40 pm	Session D: PBLD (See page 8 for list of PBLDs.)	Waterbury
3:55–4:25 pm	Session D: Seminar: New Technologies in Lung Transplantation—ECMO and Ex-Vivo—Andrew J. Roscoe, MBChB, FRCA	Maurepas
4:45–6 pm	Pro-Con Debates —Moderators: Lebron Cooper, MD; Peter D. Slinger, MD Cerebral Oximetry Is Useful During Thoracic Surgery PRO: Jonathan Leff, MD CON: E. Andrew Ochroch, MD Awake-Sedation Is a Useful Technique for VATS PRO: Edmond Cohen, MD CON: Javier H. Campos, MD	Waterbury
6–7 pm	Reception With Exhibitors	Lagniappe

PROGRAM SCHEDULE

Saturday, March 29, 2014

6 am–Noon **Registration Desk Open**
7–8 am **Continental Breakfast With Exhibitors**

Lagniappe

Workshops

All attendees preselected one Pig Lab and two Workshops. Selections were made when completing the meeting registration form and are included with your meeting name badge.

Concurrent Pig Lab and Workshops • 8 am

8–9:30 am **Pig Lab A: Tracheobronchial Anatomy and Lung Isolation Devices** **Waterbury**

8–8:50 am **Workshop Session A** (Workshops 1–4 listed below with room locations)
Registrants will attend one of the four workshops in Workshop Session A if attending Pig Lab B.

8:55–9:45 am **Workshop Session B** (Workshops 1–4 listed below with room locations)
Registrants will attend one of the four workshops in Workshop Session B if attending Pig Lab B.

9:30–10 am **Coffee Break With Exhibitors** **Lagniappe**

Concurrent Pig Lab and Workshops • 10 am

10–11:30 am **Pig Lab B: Tracheobronchial Anatomy and Lung Isolation Devices** **Waterbury**

10–10:50 am **Workshop Session C** (Workshops 1–4 listed below with room locations)
Registrants will attend one of the four workshops in Workshop Session C if attending Pig Lab A.

10:55–11:45 am **Workshop Session D** (Workshops 1–4 listed below with room locations)
Registrants will attend one of the four workshops in Workshop Session D if attending Pig Lab A.

Problem-Based Learning Discussions (1-13)			Room
PBLD 1	Lung Transplantation	Andrew J. Roscoe, MBChB, FRCA; Vera Von Dossow-Hanfisting, MD	Waterbury
PBLD 2	Awake Video Assisted Thoroscopic Surgery (VATS) With MAC	Timothy Jackson, MD; Jagtar Singh Heir, DO	Waterbury
PBLD 3	Extra-Pleural Pneumonectomy	Ju-Mei Ng, MD; Lebron Cooper, MD	Waterbury
PBLD 4	Airway Surgery	Ferenc Puskas, MD, PhD; Paul Alfille, MD	Waterbury
PBLD 5	Esophagectomy	Jens Lohser, MD; Stephen H. Pennefather, MD	Waterbury
PBLD 6	Bronchopleural Fistula	E. Andrew Ochroch, MD; Sherif I. Assaad, MD	Waterbury
PBLD 7	Robotic Thoracic Surgery	Gian P. Paparcuri, MD; Bobby Nossaman, MD	Waterbury
PBLD 8	Perioperative Arrhythmia Management in Thoracic Surgery	David Amar, MD; Alessia Pedoto, MD	Waterbury
PBLD 9	EKG Changes During Thoracotomy	Paul Heerdt, MD, PhD; Marcus Gutzler, MD	Waterbury
PBLD 10	Cardiomyopathy and Pulmonary Resection	Randal S. Blank, MD, PhD; Michael J. Andritsos, MD	Waterbury
PBLD 11	Hemoptysis	Javier H. Campos, MD; Sundar Krishnan, MD	Waterbury
PBLD 12	Leaking Thoracic Aneurysm	Ricardo Martinez-Ruiz, MD; Christina Matadial, MD	Waterbury
PBLD 13	Post-Thoracotomy ICU Management	Andrew C. Steel, MD; Jacob Gutsche, MD	Waterbury
Workshops			Room
Pig Lab A & B: Tracheobronchial Anatomy and Lung Isolation Devices		Javier H. Campos, MD; Edmond Cohen, MD; Lebron Cooper, MD; Kenichi Ueda, MD; Jean Bussi��res, MD, FRCPC; Jennifer Macpherson, MD	Waterbury
Workshop 1: Lung Ultrasound		Massimiliano Meineri, MD; Sundar Krishnan, MD; Katherine Grichnik, MD, FASE	Bayside A (4th Floor)
Workshop 2: Anesthesia for Airway Surgery and Interventional Procedures		Stephen A. Esper, MD, MBA; Kathirvel Subramaniam, MD; Joshua J. Sebranek, MD	Bayside BC (4th Floor)
Workshop 3: Simulator Workshop for Rare and Critical Events in Thoracic Anesthesia		Adam Levine, MD; Alan J. Sim, MD; Samuel DeMaria, Jr., MD; Andrew Schwartz, MD	Maurepas (3rd Floor)
Workshop 4: Paravertebral Blocks		George Kanellakos, MD; Gian P. Paparcuri, MD; Brandi A. Bottiger, MD	Gallery (1st Floor)

ABSTRACT PRESENTATION SCHEDULE AND MONITOR ASSIGNMENT

Monitor 1 Moderator: Lebron Cooper, MD

Time	Title
12:35	Anesthetic Management of a Pregnant Female Undergoing Tracheal Dilation for Severe Recurrent Subglottic Stenosis
12:41	Pseudomonas Aeruginosa Respiratory Tract Infections Associated With Contaminated Ultrasound Gel Used for Transesophageal Echocardiography
12:47	Timely Extubation in a Myasthenic Patient Following Thymectomy via Sternotomy
12:53	Anesthetic Considerations for Pneumonectomy With Left Atrial Resection on Cardiopulmonary Bypass in a Patient With Lung Cancer
12:59	An Approach to Tracheal Stenosis: Two Cases

Monitor 2 Moderator: Peter D. Slinger, MD

Time	Title
12:35	Use of Awake Fiberoptic Intubation in an Adult Patient With Crouzon Syndrome Undergoing Laparoscopic Heller Myotomy for Esophageal Achalasia
12:41	Single Lung Transplantation Complicated by Torsion of the Donor Lung
12:47	Lung Ultrasound Imaging After One Lung Ventilation: A Pilot Study Comparing Low Tidal Volume vs. High Tidal Volume Ventilation
12:53	Predictors for Reperfusion Injury in Patients Undergoing Lung Transplantation: A Single-Center Retrospective Analysis From 2007-2010
12:59	Intraoperative Management of a Patient Undergoing Carcinoid Tumor Resection

Monitor 3 Moderator: Katherine Grichnik, MD, FASE

Time	Title
12:35	Does Non-Restrictive Fluid Protocol Increase Extravascular Lung Water Following Lung Resection?
12:41	Tissue Perfusion Biomarkers in Lung Resection Surgery: Effectiveness of Combined Fluid and Ventilatory Protective Strategies
12:47	An Alternative Method of Confirming Lung Isolation With a Double-Lumen Endotracheal Tube
12:53	The Anesthetic Considerations for Pneumonectomy With Left Atrial Resection on Cardiopulmonary Bypass in a Patient With Lung Cancer
12:59	Anesthetic Considerations for a Patient With Intralobar Pulmonary Sequestration Supplied by a Large Aneurysmal Aberrant Artery: A Case Report

Monitor 4 Moderator: Ferenc Puskas, MD, PhD

Time	Title
12:35	Successful One-Lung Ventilation in a Patient With Fontan Circulation Undergoing Thoracoscopic Procedure
12:41	Unusual Approach to Left Mainstem Tumor Resection: A Right Thoracotomy
12:47	Incidental Finding of Tracheal Bronchus During Anesthetic Management of Left Video-Assisted Thoracoscopic Procedure
12:53	Managing Post-Thoracotomy Pain After Conversion to Open for Bronchial Injury With Preceding Exparel Use
12:59	Unanticipated Superior Vena Cava Resection During a Routine Right Upper Lobectomy

ABSTRACT PRESENTATION SCHEDULE AND MONITOR ASSIGNMENT

Monitor 5 Moderator: Wanda Popescu, MD

Time	Title
12:35	Successful Use of Recombinant Activated Coagulation Factor VII in a Patient Supported With Venovenous ECMO After Lung Transplantation
12:41	Hypoxemia During Single Lung Transplant Performed on Intraoperative Venovenous ECMO
12:47	Tracheal Tear During Surgery for Anastomotic Leak Following Esophagectomy
12:53	Case Report: Flat Trachea Syndrome
12:59	Thoracoscopy for Exclusion of Left Atrial Appendage for Patient With Family History of Malignant Hyperthermia

ORAL ABSTRACT PRESENTATIONS

Monitor 2 Moderator: Peter D. Slinger, MD

1:10 Short-Term Amiodarone Prophylaxis for the Prevention of Atrial Fibrillation After Major Thoracic Surgery

Monitor 3 Moderator: Katherine Grichnik, MD

1:18 Spinal Cord Ischemia Resulting in Paraplegia Following Extrapleural Pneumonectomy

Monitor 4 Moderator: Ferenc Puskas, MD, PhD

1:25 Current Practice of Anesthesiological Management in Patients Undergoing Lung Transplantation in Germany: Results From a Postal Survey

DIFFICULT CASES

Jeffrey Swanson, MD

Lung Isolation in a Patient With a Difficult Airway: Nasal Intubation and Use of the Rusch® EZ-Blocker™ Endobronchial Blocker

Olga Gonzalez, MD

Extracorporeal Membrane Oxygenation and Differential Ventilation in Traumatic Lung Injury

Parker Gaddy, MD

Management of a Severe Obstructing Endotracheal Mass

Carrie Hamby, MD, MPH

Left Lung Isolation During Resection of a Left Endobronchial Tumor Via Right Thoracotomy: Options for Ventilation and Oxygenation

Michael Little, MD

Lung Isolation With an Endobronchial Blocker and One-Lung Ventilation With Jet Ventilation Through an Airway Exchange Catheter in a Patient With a Large Distal Tracheal Tumor

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