SCA 6th Annual Thoracic Anesthesia Symposium

#SCA2017

APRIL 21, 2017
Loews Royal Pacific Resort
Orlando, FL

WiFi Network Name: SCA2017
Password: ORLANDO

www.scahq.org/2017AnnualMeeting
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Peter D. Slinger, MD
General Information

The Thoracic Anesthesia Symposium (TAS) is a unique educational activity entirely focused on thoracic anesthesia for academic and private practitioners.

Attendees are urged to review general continuing medical education (CME) information for the meeting, including disclosures of relevant financial relationships for all persons who have affected the content of CME, by visiting www.scahq.org/2017annualmeeting.

The registration fee includes breakfast, lunch, coffee breaks, and four workshops. All sessions and panels also are included. Please visit the registration desk if you have questions about your workshop assignments. An optional thoracic-focused Problem-Based Learning Discussion (PBLD) will be held on Saturday, April 22. Separate paid registration is required for the TAS and the thoracic-focused PBLD.

CME Accreditation

The Society of Cardiovascular Anesthesiologists (SCA) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide CME for physicians.

Designation

SCA designates this live activity for a maximum of 9.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclaimer

The material presented in this activity represents the opinion of the speakers and not necessarily the views of SCA.

Claim Your CME

To claim CME credit, visit www.scahq.org/2017annualmeeting to complete your TAS evaluations. You must complete the evaluations to claim your CME credit.

Networkig Reception with Exhibitors

All attendees are welcome to join our exhibitors and sponsors in the exhibit hall from 6:55 to 7:30 pm on Friday, April 21. Light refreshments will be available, and attendees will have the opportunity to network with colleagues and industry partners.

Annual Meeting On Demand

SCA Annual Meeting On Demand is an online library with more than 60 hours of educational content from the meeting, including the TAS! Revisit sessions you attended and participate in those you missed anytime, anywhere. Plus, earn additional CME credits. Visit the SCA Annual Meeting On Demand sales booth located outside the general session room to purchase your copy at special attendee discounts only available during the meeting.

Registration

The registration desk will be located outside the Pacifica Ballroom during the following hours:

Thursday, April 20: 4–7 pm
Friday, April 21: 6:15 am–7:30 pm

Photography

Please be advised that throughout the meeting, photos may be taken for use in SCA marketing materials, including the e-newsletter and SCA Facebook and Twitter pages. If you do not consent to being photographed, please advise the SCA staff in writing at info@scahq.org.

Syllabus and Learning Objectives

Session syllabi and learning objectives are provided to attendees through electronic media only. Learning objectives will be available at www.scahq.org/2017annualmeeting. Any syllabi or handouts provided by speakers will be available via the meeting mobile app.

YOUR MOBILE MEETING

Use your mobile device to access information about the TAS! Download the 2017 meeting mobile app to create a personalized meeting experience at your fingertips. Search SCA 2017 in your app store or visit www.tripbuildermedia.com/apps/sca to download the app today!
Disclosures of Relevant Financial Relationships: Attendees are urged to review general CME information for the conference, including disclosures of relevant financial relationships for all persons who have affected the content of CME, by visiting www.scahq.org/2017annualmeeting.

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Assistant Professor, Division of Cardiothoracic Anesthesiology  
Emory University  
Atlanta, GA
# Schedule

**Co-Directors:** Ochroch, Popescu, Puskas

## Friday, April 21

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<th>Time</th>
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<td><strong>REGISTRATION OPEN</strong></td>
<td>Pacifica 8–10</td>
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<tr>
<td>7–7:50 am</td>
<td><strong>CONTINENTAL BREAKFAST WITH EXHIBITORS</strong></td>
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<tr>
<td>7–7:50 am</td>
<td><strong>POSTER SETUP</strong></td>
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<td>7:50–8 am</td>
<td><strong>OPENING REMARKS/MEETING ORIENTATION</strong></td>
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<tr>
<td>8–9 am</td>
<td><strong>PANEL 1: ADVANCES IN ESOPHAGEAL SURGERY</strong></td>
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<td><strong>Moderator:</strong> Singh</td>
<td>Pacifica 11–12</td>
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<td></td>
<td>8–8:15 am        New Surgical Modalities: What Do They Mean to Us?—Neyrinck</td>
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<td></td>
<td>8:15–8:30 am     Perioperative Approach and Tailoring Our Anesthetic—Singh</td>
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<td></td>
<td>8:30–8:45 am     Traditional Versus Alternative Analgesic Therapies—Ochroch</td>
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<td>8:45–9 am        Audience Q&amp;A</td>
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<tr>
<td>9–10 am</td>
<td><strong>SESSION 1: WHAT’S NEW IN THORACIC ANESTHESIOLOGY?</strong></td>
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<td><strong>Moderator:</strong> Pedoto</td>
<td>Pacifica 11–12</td>
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<td></td>
<td>9–9:20 am        How to Build an Anesthesia-Led ECMO Program for Lung Rescue—Gutsche</td>
<td>Pacifica 11–12</td>
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<td>9:20–9:40 am     Transplant Update—Hartigan</td>
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<td>9:40–10 am       Anesthesia for Endoluminal Procedures—Pedoto</td>
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<td>10–10:15 am</td>
<td><strong>COFFEE BREAK WITH EXHIBITORS</strong></td>
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<td>10:15–11 am</td>
<td><strong>WORKSHOP BREAKOUT</strong></td>
<td>Pacifica 8–10</td>
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<tr>
<td>11:05–11:50 am</td>
<td><strong>WORKSHOP BREAKOUT</strong></td>
<td>Pacifica 8–10</td>
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<tr>
<td>11:50 am–12:45 pm</td>
<td><strong>LUNCH WITH EXHIBITORS</strong></td>
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<tr>
<td>12:45–1:15 pm</td>
<td><strong>TOP ABSTRACTS AND DIFFICULT CASES</strong></td>
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<td>See page 8 for full oral abstract list.</td>
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<tr>
<td>1:20–2:10 pm</td>
<td><strong>POSTER SESSION</strong></td>
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<td>See pages 8–11 for full poster abstract list.</td>
<td>Pacifica 8–10</td>
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<tr>
<td>2:15–3:15 pm</td>
<td><strong>PANEL 2: EVIDENCE-BASED STRATEGIES ON LUNG-PROTECTIVE VENTILATION</strong></td>
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<td><strong>Moderator:</strong> Blank</td>
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<td></td>
<td>2:15–2:30 pm      Preventive Ventilation: Myth or Reality?—Licker</td>
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<td>2:30–2:45 pm      Does Low Tidal Volume Make All the Difference?—Blank</td>
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<td></td>
<td>2:45–3 pm         Pathophysiology of Lung Injury: What the Thoracic Anesthesiologist Needs to Know—Lohse</td>
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<td></td>
<td>3–3:15 pm         Audience Q&amp;A</td>
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<tr>
<td>3:15–4:15 pm</td>
<td><strong>SESSION 2: EXPERTS AND CONTROVERSIES</strong></td>
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<td><strong>Moderator:</strong> Popescu</td>
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<td>3:15–3:30 pm      Pro-Con Debate: Is 100% Oxygen During OLV Really Necessary?</td>
<td>Pacifica 11–12</td>
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<td>3:30–3:45 pm      Pro-Con Debate: Volatile Versus Intravenous Anesthesia During Thoracic Surgery</td>
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<td>3:45–4:15 pm      Town Hall Discussion with Faculty</td>
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<td>4:15–4:30 pm</td>
<td><strong>COFFEE BREAK WITH EXHIBITORS</strong></td>
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<tr>
<td>4:30–5:15 pm</td>
<td><strong>WORKSHOP BREAKOUT</strong></td>
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<tr>
<td>5:20–6:05 pm</td>
<td><strong>WORKSHOP BREAKOUT</strong></td>
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<tr>
<td>6:10–6:55 pm</td>
<td><strong>THORACIC JEOPARDY!</strong></td>
<td>Pacifica 11–12</td>
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<td>Slinger</td>
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<tr>
<td>6:55–7:30 pm</td>
<td><strong>RECEPTION WITH EXHIBITORS</strong></td>
<td>Pacifica 8–10</td>
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</table>

*Workshop information: Attendees will receive their workshop assignments prior to the meeting. Please visit the registration desk onsite with any questions about your workshop assignments or e-mail info@scahq.org.*
Workshops

Attendees will rotate through all four topics during the day. Visit the registration desk if you have any questions about your workshop assignments.

1. LUNG ULTRASOUND
Moderator: Meineri
Faculty: Ross, Steel

2. LUNG ISOLATION IN PATIENTS WITH DIFFICULT AIRWAY
Moderator: Ueda
Faculty: Bussieres, Purugganan, Rajagopal

3. PARAVERTEBRAL BLOCKS
Moderator: Bottiger
Faculty: Kanellakos, Paparcuri

4. ANESTHESIA FOR AIRWAY SURGERY
Moderator: Sebranek
Faculty: Galgon, Jackson, Subramani

Problem-Based Learning Discussions

An additional $45 will be charged for an optional breakfast PBLD session, selected from various thoracic-focused topics, from 6:45 to 8 am on April 22. Please see below for the full list of PBLD topics.

Separate registration required.
Each session is limited to 17 participants and two faculty members to enable small-group interaction, discussion, and exchange of ideas.
Breakfast will be available in Pre-Function West.

Saturday, April 22

6:45–8 am

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<th>PBLD 1</th>
<th>OPTIMAL PAIN MANAGEMENT FOR VATS</th>
<th>Campos, Pedoto</th>
<th>Banda Sea 1</th>
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<td>PBLD 2</td>
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<td>Anca, Popescu</td>
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<td>PBLD 3</td>
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<td>PBLD 4</td>
<td>MASSIVE HEMOPTYSIS</td>
<td>Lohser, Zhukov</td>
<td>Timor Sea 2</td>
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<td>PBLD 5</td>
<td>THE AFIB PROBLEM WITH THORACIC SURGERY</td>
<td>Friedl, Singh</td>
<td>Java Sea 1</td>
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<td>PBLD 6</td>
<td>CARINAL RESECTION: NUTS &amp; BOLTS</td>
<td>Hartigan, Ng</td>
<td>Java Sea 2</td>
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<tr>
<td>PBLD 7</td>
<td>ROBOTIC THYMECTOMY IN A MYASTHENIC</td>
<td>Blank, Collins</td>
<td>Coral Sea 1</td>
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<tr>
<td>PBLD 8</td>
<td>ETHICAL CONUNDRUMS IN THORACIC ANESTHESIA</td>
<td>Ochroch, Sadovnikoff</td>
<td>Coral Sea 2</td>
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</table>

JOIN THE CONVERSATION

Up-to-date information on the meeting can be easily found by following @scahq on Twitter or liking the SCA Facebook page.
(TAS1) A Novel Multisystem Approach to Induction of General Anesthesia in a Patient With a Large Anterior Mediastinal Mass
Sergey Karamnov, MD; Jeffrey Swanson, MD; Akil Farishta, MD; Philip Hartigan, MD; Brigham and Women’s Hospital

(TAS2) Incidence and Risk Factors for Acute Kidney Injury in Thoracic Surgery: It’s a Big Problem
Maricarmen Roche Rodriguez, MD; Kristin Richards, MD; Daniel Boffa; Albert Perrino, MD; Feng Dai, PhD; Wanda Popescu, MD; Yale University/Yale New Haven Hospital; University of Southern California/Children’s Hospital LA

(TAS3) Desaturation in the 6-Minute Walk Test Predicts Hypoxemia During One-Lung Ventilation
Motoki Namekawa, MD; Motoko Kimura, MD; Kosaku Toyota, MD; Kurashiki Central Hospital

Poster Session Abstracts

(TAS4) Impact of Intraoperative Fluid and Vasopressor Use on the Incidence of Anastomotic Leak After Esophagectomy
Alexandra Lewis, MD MSc; Kevin Walsh, MD; David Amar, MD; Kay See Tan, PhD; Alessia Pedoto, MD; Hao Zhang, MD; Dawn Desiderio; David Jones, MD; Memorial Sloan Kettering Cancer Center; Weill Cornell Medical College

(TAS5) Effects of Intercostal Liposomal Bupivacaine on Postoperative Opioid Consumption After Minimally Invasive Thoracic Surgery
Alessia Pedoto, MD; Emilia Rakhamimova; Alexandra Lewis, MD MSc; Dawn Desiderio; Bernard Park; David Amar, MD; Memorial Sloan Kettering Cancer Center

(TAS6) Distal Airway Obstruction by Esophageal Stent
Brian Kelly, DO; Greg Frendl; Philip Hartigan, MD; Brigham and Women’s Hospital

(TAS7) Withdrawn

(TAS8) Continuous Amiodarone Infusion for Prevention of Atrial Fibrillation After Thoracic Surgery
Jeny Ng, MD; David Amar, MD; Hao Zhang, MD; Memorial Sloan Kettering Cancer Center

(TAS9) Complex Evaluation and Management of a Bronchopleural Fistula in the Setting of Spinal Hardware Erosion
Allyson Lemay, MD; Sergey Karamnov, MD; Ross Hanson, MD; Philip Hartigan, MD; Brigham and Women’s Hospital

(TAS10) Pilot Study: Estimation of Stroke Volume and Cardiac Output From Pulse Wave Velocity
Viachaslau Barodka, MD; Yurie Obata, MD; Maki Mizogami, MD; Jochen Steppan, MD DESA; The Johns Hopkins University School of Medicine; University of Fukui Hospital; Johns Hopkins University

(TAS11) Lung Isolation With an Arndt Wire-Guided Endobronchial Blocker Through ProSeal™ Laryngeal Mask Airway for Video-Assisted Thoracoscopic Surgery in a Patient With a Right Upper-Lobe Tumor and Concurrent Tracheal Polyp
Vivekanand Kulkarni, MD PhD FRCA; Christopher Clave, MD; Stanford University School of Medicine; Santa Barbara Cottage Hospital
(TAS12) Lobectomy in a Patient With High Perioperative Cardiac and Pulmonary Risk
Kelly Kohorst, MD; Yafen Liang, MD; Vanderbilt University Medical Center

(TAS13) Thoracotomy With a Paravertebral Nerve Block Provides Postoperative Analgesia That Compares Favorably to That of Minimally Invasive Thoracoscopic Procedures
Rachel NeMoyer, MD; John Langenfeld, MD; Anthony Chirico, MD; Jessica Crystal, MD; Scott Mellender; Joseph Aisner; Etta Anton, BSN RNFA CNOR; Robert Jongco; Rutgers Robert Wood Johnson University Hospital; Rutgers Cancer Institute of New Jersey; Rutgers Robert Wood Johnson Medical School; Robert Wood Johnson University Hospital

(TAS14) Pulmonary Carcinoid Tumor With Intracardiac Invasion Identified by Perioperative Transesophageal Echocardiography
David Brenneman, MD MBA; Albert Robinson, MD; University of Florida; The University of Florida, College of Medicine

(TAS15) Tracheal Mass Resection and Utilization of Veno-Venous Extracorporeal Membrane Oxygenator (VV ECMO): A Case Series
Katayoun Aghajani, MD; Martin Sigurdsson, MD PhD; Desiree Bonadonna, MPS CCP FPP; Rebecca Klinger, MD MS; John Haney, MD; Jorn Karhausen, MD; Duke University Hospital; Duke University Medical Center; Duke University

(TAS16) Creative Airway Management Strategy for Persistent Bronchopleural Fistula
Beth Webber, DO; Yiliam Rodriguez Blanco, MD; University of Miami/Jackson Memorial Hospital; University of Miami – Anesthesiology Department

(TAS17) Severe Stridor Due to Obstructive Fibrinous Tracheal Pseudomembrane Following Rigid Bronchoscopy—Management Strategies
Lori Russo, MD; Gyorgy Frendl, MD PhD; Brigham and Women’s Hospital; Brigham and Women’s Hospital/ Harvard Medical School

(TAS18) Cardiac Herniation After Right-Sided Robotic-Assisted Thymectomy
Stephen Acosta, MD; Lavinia Kolarczyk, MD; University of North Carolina Hospital; University of North Carolina

(TAS19) The Role of Extracorporeal Membrane Oxygenation in Complicated Airway Management
Scott Grubb, MD; Lundy Campbell, MD; University of California, San Francisco

(TAS20) Lobectomy After Prior Contralateral Lobectomy: A Case Series
Rachel Jooste, MBChB FCAI; Niall Fanning, FCARCSI; Joseph Keaveny, MB BCh BAO FCAI; St James’s Hospital, Dublin

(TAS21) Analgesic Techniques for a Thoracic Enhanced Recovery Pathway: Intercostal Blocks Provide Equivocal Analgesia and Shorter Length of Stay Compared to Thoracic Epidurals
Christo Frangopoulos, MD; Bryan Kidd, MD; Lyla Hance, MPH; Larry Michael, MS MPH; Jason Long, MD MPH; Benjamin Haithcock, MD; Emily Teeter, MD FASE; Lavinia Kolarczyk, MD; University of North Carolina Hospitals, University of North Carolina at Chapel Hill

(TAS22) Extracorporeal CO₂ Elimination Using a Pediatric Oxygenator Attached to a Continuous Veno-Venous Hemodialysis System
Arnaldo Vera-Arroyo, MD; Ricardo Martinez-Ruiz; Oscar Aljure, MD; Ali Ghodsizad; Jackson Memorial Hospital; Jackson Memorial Hospital – University of Miami

(TAS23) Lung Herniation Following Mini-Thoracotomy for Mitral Valve Replacement
Meredith Whitacre, MD; Edward McGough, MD; University of Florida; University of Florida, College of Medicine
(TAS24) Pneumonectomy and Pulmonary Endarterectomy for Pulmonary Artery Sarcoma
John Fan, MD; Susan Sankova, MD; Nadia Hensley, MD; Johns Hopkins Hospital; Johns Hopkins University

(TAS25) Airway and Hemodynamic Considerations for the Anesthetic Management of an Undiagnosed Intraluminal Tracheal Mass
Joseph Morabito, DO MS; Colby Simmons; Karsten Bartels, MD; Barbara Wilkey, MD; Giorgio Zanotti; John Mitchell; University of Colorado Hospital; University of Colorado

(TAS26) Preoperative Risk Factor of Prolonged Postoperative Hypoxemia in Octogenarian Patients After Lung Lobectomy
Misuzu Nakanishi, MD; Toshio Fukuoka; Kurashiki Central Hospital

(TAS27) Case Series: Anesthesia for Lung Ablations: Avoidance of General Anesthesia With Paravertebral Blocks
Katherine Arthur, MD; Angela Selzer, MD; Tiffany Tedore, MD; New York Presbyterian Hospital – Weill Cornell; Weill Cornell Medical Center

(TAS28) Mediastinal Mass in the Gravid Female
Jon Holzberger, MD; University of Kentucky

(TAS29) Thoracoscopic Diaphragmatic Plication Complicated by Hemorrhagic Shock
Brantley Gaitan, MD; Tomas Carvajal, MD; Ricardo Weis, MD; Mayo Clinic Hospital; Mayo Clinic; Mayo Clinic Arizona

(TAS30) Lung Isolation in a Patient With Bronchopleural Fistula and Difficult Upper Airway
Qianqian Xu, MD; Wanda Popescu, MD; Jeffrey Schwartz, MD; Yale New Haven Hospital; Yale University School of Medicine; Yale University

(TAS31) Airway Management of a Patient With a Large Post-Intubation Tracheal Tear and Massive Subcutaneous Emphysema
Kathleen Knapp, MD; Neil Venardos, MD; Ferenc Puskas, MD PhD; Robert Meguid, MD MPH FACS; University of Colorado; University of Colorado Denver Hospital; University of Colorado School of Medicine

(TAS32) VATS Resection of an Ectopic Parathyroid Gland Overlying the Main Pulmonary Artery in a 14-Week Pregnant Female
Jan-Pablo Kollmar, MD; Amanda Kleiman, MD; University of Virginia

(TAS33) Airway Management of a Transected Bronchus Intermedius
Leah Gross, MD; Tyler Roe, DO; Naveen Mehra; University of Texas Health Science Center at San Antonio

(TAS34) Combined Mediastinoscopy, Median Sternotomy, and Left Thoracotomy for Carinal Left Pneumonectomy (Sleeve Pneumonectomy) in a Patient With Prior Left Lower Lobe Segmental Resection and Radiation for Metastatic Colon Cancer
Jocelyn Wong, MD; Vivekanand Kulkarni, MD PhD FRCA; Stanford University School of Medicine

(TAS35) Esophageal Perforation and Concurrent Myocardial Infarction: A Complicated and Morbid Combination
Madison Foushee, MD; Graham Berry, MD; Lavinia Kolarczyk, MD; University of North Carolina Hospitals; University of North Carolina
(TAS36) Video-Assisted Thoracoscopic Surgery in Nonintubated Spontaneously Breathing Patients—A Single Institution Experience
Andy Truong, MD1; Shvetank Agarwal, MD2; Manuel Castresana, MD1; Medical College of Georgia1; Augusta University2

(TAS37) Anesthetic Management for the Resection of an Exophytic Tracheal Mass
Caroline Walker, MD1; Wanda Popescu, MD2; William Rosenblatt, MD2; Mathew Pierce; Frank Detterbeck, MD3; Wendell Yarbrough, MD MMHC FACS2; Yale University1; Yale University School of Medicine2; Yale Thoracic Surgery3

(TAS38) Optimal Timing for Emergent Pneumonectomy
Elliot Kay, MD1; Benu Makkad, MD2; University of Cincinnati Medical Center1; University of Cincinnati, Department of Anesthesiology2

(TAS39) Robot-Assisted Thymectomy in a Patient With Myasthenic Crisis
Sanjeev Chhangani, MD MBA1; UF Jacksonville1

(TAS40) Risk-Benefit Considerations of Thoracic Epidural Analgesia for Thoracotomy in a Patient With Thrombocytopenia
Jeny Ng, MD1; David Amar, MD1; Vivek Malhotra; Memorial Sloan Kettering Cancer Center1

(TAS41) Acquired Tracheoesophageal Fistula in an Adult Due to Esophageal Malignancy: A Case Report and Review of Perioperative Implications and Management
Shyamal Asher, MD1; David Silver, MD1; Brigham and Women’s Hospital1

(TAS42) Diagnosis of Unidentified Pulmonary Thromboembolism During Anesthetic Induction
Ann Youn, MD1; Chungnam National University Hospital1

(TAS43) Successful Intraoperative Use of Low-Pressure Continuous Positive Airway Pressure With a Mapleson D Breathing Circuit to Identify an Invisible Bronchopleural Fistula in a Post-Lobectomy Patient
Christopher Lam, MD1; Kevin Wong, DO1; Matthew Facktor, MD2; Xiaopeng Zhang, MD1; Geisinger Medical Center1; Geisinger Health System2

(TAS44) Anterior Mediastinal Mass Resection: Challenging Dogma and Expanding Our Anesthetic Armamentarium
Stephen Collins, MD1; Shauna Spanos; University of Virginia Health System1

(TAS45) A Case of Multilevel Tracheal Stenosis Found During an Elective Asleep Fiber Optic Intubation
Michael Cranney, DO1; University of Kentucky1

(TAS46) Klebsiella Pneumoniae Infection of a Thoracic Endovascular Graft
Catherine Dietrich, MD1; Edward McGough, MD2; University of Florida1; University of Florida, College of Medicine2

(TAS47) Return of Spontaneous Circulation (ROSC) From Release of Auto-PEEP: A Case Report of Suspected Lazarus Phenomenon
Ann Youn, MD1; Chungnam National University Hospital1
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Exhibits Information

Exhibit Schedule

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<th>Time</th>
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<tr>
<td>Exhibits Open</td>
<td>7 am–4:30 pm and 6:55–7:30 pm</td>
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<tr>
<td>Continental Breakfast with Exhibitors</td>
<td>7–7:50 am</td>
</tr>
<tr>
<td>Coffee Breaks with Exhibitors</td>
<td>10–10:15 am and 4:15–4:30 pm</td>
</tr>
<tr>
<td>Lunch with Exhibitors</td>
<td>11:50 am–12:45 pm</td>
</tr>
<tr>
<td>Reception with Exhibitors</td>
<td>6:55–7:30 pm</td>
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The following events will take place in the hall on Friday, April 21:

Exhibitors by Booth Number

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<td>Karl Storz Endoscopy-America, Inc.</td>
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<td>Mennen Medical</td>
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