



STS/AATS Tech-Con 2018

# Saturday

JANUARY 27, 2018

PLEASE NOTE: CME WILL NOT BE OFFERED FOR TECH-CON.

6:30 AM – 6:00 PM

**Registration**

7:00 AM – 6:30 PM

**Tech-Con Exhibits**

7:00 AM – 8:00 AM

**BREAKFAST—Visit Tech-Con Exhibits**

8:00 AM – 9:30 AM

**Adult Cardiac Track I: Innovations in Aortic Valve and Aortic Aneurysm Management**

**MODERATORS:** *Gorav Ailawadi, Charlottesville, VA, and Wilson Y. Szeto, Philadelphia, PA*

- 8:00 AM **Overview: Current Challenges in Aortic and Endovascular Surgery**  
*Nimesh Desai, Philadelphia, PA*
- 8:04 AM **A Practical Approach to Aortic Valve Repair**  
*Emmanuel Lansac, Paris, France*
- 8:12 AM **Sutureless Aortic Valve Replacement: Prosthesis Selection and Challenging Scenarios**  
*Malak Shrestha, Hanover, Germany*
- 8:20 AM **Submitted Presentation: Bioprosthetic Valve Fracture to Facilitate Valve-in-Valve Transcatheter Aortic Valve Replacement (TAVR)**  
*Keith B. Allen, Kansas City, MO*
- 8:28 AM **Navigating Complex TAVR Scenarios: Managing Left Ventricular Outflow Tract Calcium, Isolated Aortic Insufficiency, Bicuspid Valve, and Others**  
*Arash Salemi, New York, NY*
- 8:36 AM **Panel Discussion**
- 8:47 AM **Submitted Presentation: Advanced Aortic Root Surgery Techniques via Right Minithoracotomy**  
*Joseph Lamelas, Miami Beach, FL*
- 8:55 AM **Endovascular Repair in the Ascending Aorta: Is Endo Bentall a Reality?**  
*Ali Khoynzhad, Los Angeles, CA*
- 9:03 AM **Frozen Elephant Trunk and Evolving Arch Surgery Techniques**  
*Eric E. Roselli, Cleveland, OH*
- 9:11 AM **Branched Endografting Techniques in the Arch and Thoracoabdominal Aorta**  
*Gustavo S. Oderich, Rochester, MN*
- 9:19 AM **Panel Discussion**

8:00 AM – 9:30 AM

**General Thoracic Track I: Emerging and/or Game-Changing Technologies in the Management of Lung Cancer**

**MODERATORS:** *Lisa M. Brown, Sacramento, CA, and Brendon M. Stiles, New York, NY*

- 8:00 AM **Submitted Presentation: Electromagnetic Navigational Video-Assisted Thoracoscopic Surgery (N-VATS) for Precision-Guided Resection of Intrathoracic Lesions**  
*Wissam Raad, New York, NY*
- 8:12 AM **Submitted Presentation: 3D Computed Tomography Reconstruction and Mix Reality for Sublobar Resection**  
*Xinghua Cheng, Shanghai, China*
- 8:24 AM **Submitted Presentation: Robotic Bronchoscopy**  
*Kazuhiro Yasufuku, Toronto, Canada*
- 8:36 AM **Use of Ultrasound Imaging for Localizing Nodules Robotically**  
*John F. Lazar, Mechanicsburg, PA*
- 8:48 AM **Radiofrequency Ablation of Lung Tumors**  
*Katie S. Nason, Pittsburgh, PA*
- 9:00 AM **Cryoablation: Update on SOLSTICE Study—Is It Applicable to Primary Lung Cancer?**  
*Matthew R. Callstrom, Rochester, MN*
- 9:12 AM **Energy Sources for Pulmonary Resection**  
*Moishe A. Liberman, Montreal, Canada*

9:30 AM – 10:15 AM

**BREAK—Visit Tech-Con Exhibits**

10:15 AM – 12:00 PM

**Adult Cardiac Track II: Cutting-Edge Surgery for Heart Failure and Coronary Artery Disease**

**MODERATORS:** *Arash Salemi, New York, NY, and John M. Stulak, Rochester, MN*

- 10:15 AM **Overview: Current Challenges in Heart Failure and Coronary Artery Disease (CAD)**  
*Arash Salemi, New York, NY*
- 10:19 AM **HeartMate 3 Clinical Trial Update**  
*Daniel J. Goldstein, Bronx, NY*
- 10:27 AM **PREVENT II: Rationale and Trial Study Design**  
*Robert Adamson, San Diego, CA*
- 10:35 AM **Thoracotomy Implant of HeartWare HVAD: HVAD LATERAL Study**  
*Simon Maltais, Rochester, MN*



- 10:43 AM Total Artificial Heart Clinical Trial Update  
*Francisco A. Arabia, Los Angeles, CA*
- 10:51 AM Hemocompatibility of Fully Magnetically Levitated Pumps  
*Nir Uriel, Chicago, IL*
- 10:59 AM Panel Discussion
- 11:07 AM **Submitted Presentation:** EpicHeart™ Soft Robotic Device to Support Heart Function  
*William Altman, Houston, TX*
- 11:15 AM **Submitted Presentation:** First-in-Human Clinical Trial of a Minimally Invasive Left Ventricular Assist Device  
*Valluvan Jeevanandam, Chicago, IL*
- 11:23 AM Coronary Artery Bypass Grafting (CABG) or Percutaneous Coronary Intervention for Ischemic Cardiomyopathy?  
*David P. Taggart, Oxford, United Kingdom*
- 11:31 AM External Stent for Saphenous Vein Grafts in CABG  
*David P. Taggart, Oxford, United Kingdom*
- 11:39 AM Robotic-Assisted Totally Endoscopic Coronary Artery Bypass for Multivessel CAD: Beyond Most Surgeons' Reach?  
*Husam H. Balkhy, Chicago, IL*
- 11:47 AM Panel Discussion

10:15 AM – 12:00 PM

**General Thoracic Track II: Emerging and/or Game-Changing Technologies in the Management of Esophageal Diseases**

**MODERATORS:** *Melanie A. Edwards, St Louis, MO, and James D. Luketich, Pittsburgh, PA*

- 10:15 AM Endoscopic Approach to Zenker's Diverticulum  
*Ryan M. Levy, Pittsburgh, PA*
- 10:30 AM Update on Advances in Antireflux Surgery  
*Brian E. Louie, Seattle, WA*
- 10:45 AM Endoluminal Management of Esophageal Leaks  
*David C. Rice, Houston, TX*
- 11:00 AM Advances in Peroral Endoscopic Myotomy Technology and Endoscopic Mucosal Closure  
*TBD*
- 11:15 AM Robotic Esophagectomy  
*Inderpal Sarkaria, Pittsburgh, PA*
- 11:30 AM Endoscopic Techniques in Esophageal Cancer  
*Wayne L. Hofstetter, Houston, TX*
- 11:45 AM **Submitted Presentation:** A Bioengineered Implant for Esophageal Replacement  
*Saverio La Francesca, Holliston, MA*

12:00 PM – 1:00 PM

**LUNCH—Visit Tech-Con Exhibits**

1:00 PM – 2:30 PM

**Adult Cardiac Track III: Contemporary and Future Mitral Valve and Atrial Fibrillation Practice**

**MODERATORS:** *Vinay Badhwar, Morgantown, WV, and Tom C. Nguyen, Houston, TX*

- 1:00 PM Overview: Advances in Surgical Therapy for Mitral Valve Disease and Atrial Fibrillation  
*Vinay Badhwar, Morgantown, WV*
- 1:04 PM Defining the Mitral Valve Surgeon of the Future: Time for an Honest Appraisal  
*T. Sloane Guy, New York, NY*
- 1:12 PM MitraClip, Transcatheter Mitral Valve Repair (TMVR), Robotics, Port Access, and Open Surgery: Can We Do It All?  
*Robert L. Smith, Plano, TX*
- 1:20 PM Robotic Reconstruction for Complex Primary Mitral Regurgitation: No Limits  
*Vinay Badhwar, Morgantown, WV*
- 1:28 PM Robotic/Minimally Invasive Cardiac Surgery Treatment Options for Atrial Fibrillation: Better Than Catheter Ablation?  
*Evelio Rodriguez, Nashville, TN*
- 1:36 PM Panel Discussion
- 1:46 PM Are Apically Delivered Chords Really the Answer?  
*Tirone E. David, Toronto, Canada*
- 1:54 PM Transcatheter Mitral Valve Replacement: Global and Early US Experience  
*Gilbert H. Tang, New York, NY*
- 2:02 PM Pipeline of TMVR: The Train Has Left the Station!  
*Michael J. Mack, Plano, TX*
- 2:10 PM Pipeline of Tricuspid Devices: Fumbling In the Dark or Zeroing In on an Indication?  
*Francesco Maisano, Zurich, Switzerland*
- 2:18 PM Panel Discussion

Please note: Speakers and presentation titles are subject to change.



1:00 PM – 2:30 PM

**General Thoracic Track III: Emerging and/or Game-Changing Minimally Invasive Surgery and Other Technologies**

**MODERATORS:** *Michael F. Reed, Hershey, PA, and Inderpal S. Sarkaria, New York, NY*

- 1:00 PM **Novel Suture Technologies**  
*Michael F. Reed, Hershey, PA*
- 1:12 PM **Chest Wall Reconstruction Technologies**  
*Shanda H. Blackmon, Rochester, MN*
- 1:24 PM **Advanced Imaging Technologies**  
*Yolonda L. Colson, Boston, MA*
- 1:36 PM **Submitted Presentation: Articulated Minimally Invasive Surgery Instrumentation**  
*Joel Dunning, Middlesbrough, United Kingdom*
- 1:48 PM **Submitted Presentation: Immersive Video Operating Room Training**  
*Douglas R. Johnston, Cleveland, OH*
- 2:00 PM **Submitted Presentation: Autonomous Camera System**  
*Traves Crabtree, St Louis, MO*
- 2:12 PM **Submitted Presentation: Alternate New Device for Chest Access**  
*Daniel L. Miller, Marietta, GA*

2:30 PM – 3:00 PM

**BREAK—Visit Tech-Con Exhibits**

3:00 PM – 5:00 PM

**Joint Session: Robotic Cardiothoracic Innovations and “Shark Tank” —Rapid-Fire Pitches of Revolutionary Technology**

**MODERATORS:** *Richard Lee, St Louis, MO, and James D. Luketich, Pittsburgh, PA*

**“SHARKTANK” JUDGES:** *Rick Anderson, Austin, TX, Steven F. Bolling, Ann Arbor, MI, and William E. Cohn, Houston, TX*

- 3:00 PM **Debate: Robotic Mitral Valve Repair Is a Critical Part of the Future of Our Specialty**  
*CON: David H. Adams, New York, NY*  
*PRO: T. Sloane Guy, New York, NY*
- 3:30 PM **Debate: Robotic Thoracic Surgery Is a Critical Part of the Future of Our Specialty**  
*CON: Mark S. Allen, Rochester, MN*  
*PRO: Robert J. Cerfolio, New York, NY*
- 3:50 PM **What’s New in Robotic Cardiothoracic Surgical Technology: Updates From Robotic Companies That Are Leading the Way—Intuitive Surgical**  
*David Stoffel, San Francisco, CA*
- 4:00 PM **What’s New in Robotic Cardiothoracic Surgical Technology: Updates From Robotic Companies That Are Leading the Way—Medtronic**  
*Paul Hermes, North Haven, CT*
- 4:10 PM **What’s New in Robotic Cardiothoracic Surgical Technology: Updates From Robotic Companies That Are Leading the Way—Verb Surgical**  
*Scott Huennekens, Mountain View, CA*
- 4:20 PM **Submitted Presentation: Novel Nanoparticle for Enhanced Pulmonary Nodule Identification**  
*Jeff Port, New York, NY*
- 4:30 PM **Submitted Presentation: Left Ventricular Inflow Stent Reduces Suction Events and Improves Mechanical Circulatory Support**  
*James H. Mehaffey, Charlottesville, VA*
- 4:40 PM **Submitted Presentation: Videoscope Cleaning Trocar for Minimally Invasive Surgery**  
*Bryan Burt, Houston, TX*

5:00 PM – 6:30 PM

**RECEPTION—Visit Tech-Con Exhibits**