Saturday JANUARY 27, 2018

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 Lameiras, Miami Beach, FL

8:55 AM
Endovascular Repair in the Ascending Aorta: Is Endo Bentall a Reality?
Ali Khoynezhad, 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 Armstrong, 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 Vailuan Jeevanandarn, Chicago, IL
11:23 AM Coronary Artery Bypass Grafting (CABG) or Percutaneous Coronary Intervention for Ischemic Cardiomyopathy? David P. Tagger, Oxford, United Kingdom
11:31 AM External Stent for Saphenous Vein Grafts in CABG David P. Tagger, 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. Luketch, 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

“SHARK TANK” 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. Mehtahey, 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