



ADVANCE PROGRAM



SOUTHERN THORACIC SURGICAL ASSOCIATION

65th ANNUAL MEETING & EXHIBITION

MEETING DATES: NOVEMBER 7-10, 2018

EXHIBIT DATES: NOVEMBER 8-9, 2018

OMNI AMELIA ISLAND PLANTATION RESORT | AMELIA ISLAND, FL

LETTER FROM STSA PRESIDENT



Dear Colleague,

As President of the Southern Thoracic Surgical Association, it is my great pleasure to extend this invitation to you to attend the STSA 65th Annual Meeting, November 7-10, 2018 at the Omni Amelia Island Plantation Resort in Amelia Island, FL. Please take a few minutes to review the educational listings in this Advance Program. We are maintaining the same, highly acclaimed schedule as 2017, with one important addition. Wednesday night programming

has been reincorporated to the schedule for 2018. Check in to the hotel, come as you are, and attend the first half of the STSA Postgraduate Program featuring complex case presentations and interactive discussions from STSA experts' reflection on "I Wish I Could Have Done That Case Over." The program will begin with a welcome reception and informal dinner featuring wings, pizza, and refreshments. The STSA Program Committee carefully considered topic suggestions received from last year's attendees when creating the 2018 program. Changes to this year's schedule reflect suggestions direct from our membership and aim to better address the educational needs of our STSA members.

Thursday morning, Nov. 8, will kick off with the Ethics Debate and the Basic Science Forum, followed by General Sessions featuring outstanding paper and video presentations and a lecture by special guest, Coach Lou Holtz. You will not want to miss this engaging presentation from a sports legend! Concurrent subspecialty breakouts on Friday, Nov. 9 will feature cardiac, thoracic, congenital, and surgical transcatheter intervention topics. All sessions have been scheduled to allow for thorough and thoughtful discussion.

We are also pleased to announce that due to the overwhelming submission of video abstracts received, the STSA Program Committee determined it would be beneficial to include the additional highly favored videos as supplemental education during the meeting's break times. Be sure to review the program for details and visit the Exhibit Hall for these interactive video presentations.

The meeting will conclude with the second half of the Postgraduate Program to be held Saturday morning, Nov. 10. The session titled, "The Past, Present and Future," will feature invited guest, Dr. Wayne Sotile, discussing the topic of Physician Resilience. Breakfast will be served and spouses are encouraged to attend. The Postgraduate Program will feature another living legend in cardiothoracic surgery. I am thrilled that this year's spotlight will be on Dr. Alec Patterson from Washington University School of Medicine. The program will close with a special presentation from Dr. David Shahian who will review the issues surrounding surgeon-specific performance in a talk titled "Surgeon Performance Metrics: Why, What, and When?"

In addition to the educational sessions, don't miss this year's social events. The All Attendee Luncheon will be held on Thursday, Nov. 8, and medical students and residents are encouraged to attend the Residents Reception later that evening. Immediately following is the President's Mixer, where all attendees are welcome to attend and catch up with their colleagues. On Friday, Nov. 9, I invite you to join me at the Dinner Gala which will feature evening music from a local band, this year's award presentations, and plenty of time to socialize with fellow members and their families. Although black tie is always in fashion, you are welcome to wear cocktail attire.

Please bring your family and enjoy the amenities and activities offered at the beautiful Omni Amelia Island Plantation Resort. It's the perfect setting for STSA members, family and friends. The luxury resort is nestled on 50 acres at the top of a barrier island just off the Northeast Florida coast offering unparalleled views of the Atlantic Ocean in every room, accompanied by a multi-tiered pool deck, shopping, restaurants and a number of kid-friendly activities.

Make plans now to join your STSA colleagues this November. You can register at www.stsa.org. I look forward to seeing you at the Omni Amelia Island!

Sincerely,

Kevin D. Accola, MD
STSA President

Special thanks to the members of the Program Committee, the and Postgraduate Committee, and all abstract reviewers who volunteered their time, energy, and expertise in developing the STSA 65th Annual Meeting program.

PROGRAM COMMITTEE

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Elizabeth A. David, MD (Co-Chair)
Kevin D. Accola, MD
Harold M. Burkhart, MD
Joseph A. Dearani, MD
Richard K. Freeman, MD
David R. Jones, MD
Scott A. LeMaire, MD
Daniel L. Miller, MD
Daniela Molena, MD
Ourania Preventza, MD

POSTGRADUATE COMMITTEE

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Gorav Ailawadi, MD
Matthew J. Bott, MD
David R. Jones, MD
Ahmet Kilic, MD
Scott A. LeMaire, MD
Todd K. Rosengart, MD
Chad N. Stasik, MD

ABSTRACT REVIEWERS

Kevin D. Accola, MD
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Scott A. LeMaire, MD
Mitchell J. Magee, MD
Daniel L. Miller, MD
Daniela Molena, MD
Ourania Preventza, MD
T. Brett Reece, MD
Edward B. Savage, MD
Asad A. Shah, MD
James D. St. Louis, MD
Randy M. Stevens, MD
Thoralf M. Sundt, MD
Vinod H. Thourani, MD
Benjamin Wei, MD
Grayson H. Wheatley, III, MD

SOUTHERN THORACIC SURGICAL ASSOCIATION EDUCATION DISCLOSURE POLICY

As a sponsor of continuing medical education accredited by the Accreditation Council for Continuing Medical Education (ACCME), The Society of Thoracic Surgeons requires that any individual who is in a position to control the content of an educational activity must disclose all relationships with commercial interests (including known relationships of his or her immediate family, department, and partners). The ACCME defines a commercial interest as "any entity producing, marketing, reselling, or distributing health care goods or services consumed by, or used on, patients. The ACCME does not consider providers of clinical service directly to patients to be commercial interests." The question of whether a disclosed conflict situation could represent undue influence on the educational activity by a commercial interest or whether the disclosed information is sufficient to consider an abstract, presentation, or other educational enduring material to represent potentially biased information must be resolved prior to an individual's involvement in STS educational programming.

Required disclosures include (1) a financial interest of any amount (e.g., through ownership of stock, stock options, or bonds) (2) the receipt of any amount of cash, goods or

services within the current 12-month period (e.g., through research grants, employment, consulting fees, royalties, travel, or gifts) or (3) a nonremunerative position of influence (e.g., as officer, director, trustee or public spokesperson). EXCLUDED from this disclosure requirement are blind trusts or other passive investments such as mutual funds. In the case of a financial or other relationship disclosure, the company, product/service, and specific nature of the relationship must be noted. Disclosure is mandatory for any person involved in the planning, management, presentation, and/or evaluation of STS educational activities.

Failure to disclose all relationships with commercial interests disqualifies the individual from being a planning committee member, a teacher, or an author of educational materials, and this individual cannot have any responsibility for the development, management, presentation, or evaluation of STS educational activities. This requirement is intended neither to imply any impropriety of such relationships nor to prejudice any individual planner, presenter or author. It is merely to identify such relationships through full disclosure, and to allow STS to assess and resolve potential influences on the educational activity prior to the planning and

implementation of an educational activity. If no relationships with commercial interests exist, the individual must indicate this on the disclosure form.

Additionally, the fact that the presentation, paper, or other educational product describes (a) the use of a device, product, or drug that is not FDA approved or (b) an off-label use of an approved device, product, or drug must also be disclosed. This requirement has been adopted in response to FDA policy and case law involving medical societies, and is not intended to prohibit or inhibit independent presentation or discussion regarding the uses of devices, products, and drugs as described in (a) or (b) above.

For live presentations, all disclosures must be stated orally and on a slide at the beginning of the presentation and will be noted in published material related to the activity. Slides, handouts, and other materials utilized as part of an educational activity cannot contain any advertising, trade names or a product group message. Speakers are required to disclose that they have nothing to disclose if this is the case.

*Amended by the STS Executive Committee:
April 11, 2012*

STSA 65th Annual Meeting

This activity will be planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The Society of Thoracic Surgeons and The Southern Thoracic Surgical Association. The Society of Thoracic Surgeons is accredited by the ACCME to provide continuing medical education for physicians. The STS designates this educational activity for a maximum of *17.50 AMA PRA Category 1 Credit(s)™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

SCHEDULE ** WEDNESDAY, NOVEMBER 7, 2018

**Schedule subject to change.

STSA POSTGRADUATE PROGRAM

CME Credits Available: 2.00

6:00 pm – 7:00 pm

WELCOME RECEPTION

Join us Wednesday evening for the meeting's official kick-off with an informal session with "wings n' things." Many of you will have just arrived to the resort; drop your bags, come as you are and participate in a casual session titled "I Wish I Could Have Done That Case Over." Wings, pizza and refreshments will be served.

GENERAL SESSION

I Wish I Could Have Done That Case Over: Complex Case Presentations and Interactive Discussions
Moderators: *Kirk R. Kanter and *Daniel L. Miller

7:00 pm – 7:30 pm

Adult Cardiac: Complicated Endocarditis: Timing, Approaches and Creative Techniques
*Bradley Leshnower
Emory University, Atlanta, GA
*Tomas D. Martin
Florida Hospital, Orlando, FL

7:30 pm – 8:00 pm

Thoracic: Management of Esophageal Perforation: Stent or Primary Repair?
*Richard K. Freeman
St. Vincent's Health and Hospital System, Indianapolis, IN
*Allan Pickens
Emory University Hospital Midtown, Atlanta, GA

8:00 pm – 8:30 pm

Thoracic: Complex Lung Resections: Does Approach Matter?
*M. Blair Marshall
MedStar Georgetown University Hospital, Washington, DC
*Daniela Molena
Memorial Sloan Kettering Cancer Center, New York, NY

8:30 pm – 9:00 pm

TAVR: Sometimes the Simple Becomes Complicated...Lessons Learned and Pitfalls to Avoid
*Vinod H. Thourani
MedStar Heart Institute/Washington Hospital Center, Washington, DC
*Michael J. Reardon
Methodist DeBakey Heart & Vascular Center, Houston, TX

THURSDAY, NOVEMBER 8, 2018

10:00 am - 12:00 pm

1:30 pm - 3:30 pm

EXHIBITS OPEN

7:00 am - 7:50 am

ETHICS DEBATE

CME Credits Available: 1.0

Moderator: *Robert M. Sade

7:00 am - 7:05 am

Case Introduction: The Devoted Grandma: Social Indication for TAVR

7:05 am - 7:15 am

Pro: *Andrea J. Carpenter

University of Texas Health Science Center, San Antonio, TX

7:15 am - 7:25 am

Con: William M. Novick

University of Tennessee, Collierville, TN

7:25 am - 7:30 am

Pro Rebuttal: *Andrea J. Carpenter

University of Texas Health Science Center, San Antonio, TX

7:30 am - 7:35 am

Con Rebuttal: William M. Novick

University of Tennessee, Collierville, TN

7:35 am - 7:50 am

Discussion

7:00 am - 7:50 am

BASIC SCIENCE FORUM

CME Credits Available: 1.0

Moderators: *David R. Jones and *Scott A. LeMaire

7:00 am - 7:08 am

1B. A 40-Year Analysis of NIH-Funded Cardiac Transplantation Research: Surgeons Lead the Way
*Adishesh K. Narahari, *James H. Mehaffey, Anirudha S. Chandrabhatla, Pranav K. Baderdinni, Allison Weiderhold, *Robert B. Hawkins, Mark Roeser, *Irving Kron, *Leora Yarboro, *Gorav Ailawadi, Nicholas R. Teman
University of Virginia, Charlottesville, VA

7:08 am - 7:16 am

2B. VA ECMO Exacerbates LV Distension and Promotes Lung Edema While a LVAD Unloads LV in Severe Cardiogenic Shock: A Numerical Simulation Study
Po-Lin Hsu¹, Yuxin Zhu¹, Dongfang Wang², Cherry Ballard-Croft², Michael Sekela², *Joseph B. Zwischenberger²
¹Soochow University, Suzhou, China; ²University of Kentucky, Lexington, KY

7:16 am - 7:24 am

3B. High Inflammatory Markers in Peripheral Blood are Associated With Recurrence in Patients With pT1 Non-Small Cell Lung Cancer Undergoing Surgical Resection
Anita Sulibhavi¹, Jesse Schacht¹, Benedict Daly², Hiran C. Fernando³, *Virginia R. Little², Kei Suzuki²
¹Boston University School of Medicine, Boston, MA; ²Boston Medical Center, Boston, MA; ³Inova Fairfax Hospital, Fairfax, VA

7:24 am - 7:32 am

4B. 3D Printed Cardiac Patch Augments Angiogenesis and Reduces Scar Tissue Formation in Vivo
Enoch Yeung, Fukunishi Takuma, Yang Bai, Djahida Bedja, Isaree Pitaktong, Gunnar Mattson, Cecillia Lui, Chin Siang Ong, Hiroshi Matsushita, Taka Inoue, Narutoshi Hibino
Johns Hopkins University, Baltimore, MD

7:32 am - 7:40 am

5B. FDG-PET SUVm Does Not Correlate With Glucose Metabolism in Non-Small Cell Lung Cancer
*Kemp H. Kernstine, Brandon Faubert, Christopher Hensley, Ling Cai, Jose Torrealba, Dwight Oliver, Robert E. Lenkinski, Craig R. Malloy, Ralph J. Deberardinis
UT Southwestern Medical Center, Dallas, TX

7:40 am - 7:48 am

6B. Cardiac Biomarkers sST-2 and NT-proBNP Predict Long-Term Survival After Cardiac Surgery
Niveditta Ramkumar¹, *Jeffrey P. Jacobs², Richard B. Berman¹, Devin M. Parker¹, Todd MacKenzie¹, Donald S. Likosky³, Anthony DiScipio⁴, Jeremiah Brown¹
¹The Dartmouth Institute for Health Policy and Clinical Practice, Lebanon, NH; ²Johns Hopkins All Children's Hospital, St. Petersburg, FL; ³University of Michigan, Ann Arbor, MI; ⁴Dartmouth-Hitchcock Medical Center, Lebanon, NH

7:50 am - 8:00 am

BREAK

8:00 am - 10:30 am

FIRST SCIENTIFIC SESSION

CME Credits Available: 2.5

Moderators: *Kevin D. Accola and *Daniel L. Miller

8:00 am - 8:15 am

1. Procedural Volume Does Not Correlate With Publically Reported Outcomes in Adult Cardiac Operations
Valentino Bianco, Edgar Aranda-Michel, Ibrahim Sultan, Thomas G. Gleason, *Danny Chu, Forozan Navid, Arman Kilic
University of Pittsburgh Medical Center, Pittsburgh, PA

8:15 am - 8:30 am

2V. Unicuspid Aortic Valve Repair Using Geometric Ring Annuloplasty
*John V. Conte², S. Michael Roberts², *J.S. Rankin¹, *Vinay Badhwar¹
¹West Virginia University, Morgantown, WV; ²Penn State University, Hershey, PA

8:30 am - 8:45 am

3. Minimally Invasive Esophagectomy is Associated With Superior Long-Term Survival Compared to Open Esophagectomy in a Propensity Matched Analysis of the National Cancer Database
*Mickey Ising, Jaimin R. Trivedi, Robert C. Martin, Prejesh Philips, Victor van Berkel, Matthew Fox
University of Louisville, Louisville, KY

8:45 am - 9:00 am

4. Impact of Microbiological Organism Type on Surgically Managed Endocarditis
Judson B. Williams^{1,2}, *Asad Shah³, *Babatunde A. Yerokun², *Peter K. Smith², *James S. Gammie⁴, *Jeffrey G. Gaca²
¹WakeMed Health and Hospitals, Raleigh, NC; ²Duke University, Durham, NC; ³Rex/UNC Hospital, Raleigh, NC; ⁴University of Maryland School of Medicine, Baltimore, MD

9:00 am - 9:15 am

5. The Importance of Noncardiac Congenital Disease: Refining The Society of Thoracic Surgeons (STS) Congenital Heart Surgery Database (CHSD) Mortality Risk Model With Enhanced Adjustment for Chromosomal Abnormalities, Syndromes, and Noncardiac Congenital Anatomic Abnormalities
*Jeffrey P. Jacobs^{1,2}, Sean M. O'Brien³, Hill Kevin³, *Erle H. Austin^{4,5}, *J. W. Gaynor⁶, *Peter J. Gruber⁷, Richard A. Jonas⁸, Sara Pasquali⁹, Christian Pizarro¹⁰, *James D. St. Louis¹¹, Leo Brothers³, Liqi Feng³, James Meza^{3,12}, Dylan Thibault³, David M. Shahian¹³, *John E. Mayer¹³, Marshall L. Jacobs^{1,2}
¹Johns Hopkins University School of Medicine, Baltimore, MD; ²Johns Hopkins All Children's Hospital, St. Petersburg, Tampa and Orlando, FL; ³Duke Clinical Research Institute, Duke University, Durham, NC; ⁴University of Louisville, Louisville, KY; ⁵Norton Children's Hospital, Louisville, KY; ⁶The Children's Hospital of Philadelphia, Philadelphia, PA; ⁷University of Southern California, Los Angeles, CA; ⁸Children's National Health System, Washington, DC; ⁹University of Michigan, Ann Arbor, MI; ¹⁰Alfred I. duPont Hospital for Children, Wilmington, DE; ¹¹University of Missouri-Kansas City School of Medicine, Kansas City, MO; ¹²The Hospital for Sick Children, Toronto, Ontario, Canada; ¹³Harvard University, Boston, MA

9:15 am - 9:30 am

6. Outcomes of Repair of Kommerell Diverticulum
Anirudh Vinnakota, Jay Idrees, Brad F. Rosinski, Gosta B. Pettersson, Eric E. Roselli, Andrew M. Vekstein, *Robert Stewart, *Siva Raja, Lars G. Svensson
Cleveland Clinic, Cleveland, OH

9:30 am - 9:45 am

7. The Efficacy of Re-Resection is Superior to Non-Surgery for Recurrence/Second Primary Lung Cancer After Initial Curative Treatment
Haitao Zhou, Xiaozheng Kang, Liang Dai, Wanpu Yan, Ke-Neng Chen
Peking University Cancer Hospital, Beijing, China

9:45 am - 10:00 am

8. Cardiac Surgery Trainees as "Skin-to-Skin" Operating Surgeons: Midterm Outcomes
Jordan P. Bloom, Elbert E. Heng, Hugh G. Auchincloss, Serguei Melnitchouk, Mauricio Villavicencio, David D'Alessandro, *Thoralf Sundt, George Tolis
Massachusetts General Hospital, Boston, MA



10:00 am - 10:15 am

9. Progress in Heart Transplantation for Pediatric and Congenital Cardiac Disease: A Comparison of Two Eras Over 22 Years and 179 Transplants at a Single Institution

Genevieve C. Tuite^{1,2}, Alfred Asante-Korang^{1,3}, Sharon R. Ghazarian¹, Bethany Wisotzkey¹, Shawn M. Shah^{1,4}, Gary Stapleton¹, Jamie Decker¹, Carrie Herbert^{1,3}, Vyas Kartha¹, Plato Alexander¹, Jennifer Carapellucci¹, *Diane Krasnopero¹, Jade Hanson¹, Neil Goldenberg^{1,3}, Nhue L. Do^{1,3}, *Constantine Mavroudis^{1,3}, Tom R. Karl^{1,3}, *James A. Quintessenza⁵, *Jeffrey P. Jacobs^{1,3}

¹Johns Hopkins All Children's Hospital, St. Petersburg, FL;

²University of Notre Dame, Notre Dame, IN; ³Johns Hopkins University, Baltimore, MD; ⁴University of Virginia, Charlottesville, VA; ⁵University of Kentucky, Lexington, KY

10:15 am - 10:30 am

10. Improved Mortality Associated With the Use of Extracorporeal Membrane Oxygenation as a Bridge to Lung Transplantation

Alison L. Halpern, Patrick Kohtz, Laura Helmkamp, Mohamed Eldeiry, Maggie M. Hodges, John D. Mitchell, *Muhammad Aftab, *Jay Pal, Joseph C. Cleveland, *Thomas B. Reece, Robert Meguid, *David A. Fullerton, Michael J. Weyant
University of Colorado Denver, Aurora, CO

10:30 am - 10:45 am

BREAK – VISIT EXHIBITS

10:45 am - 12:00 pm

GENERAL SESSION

CME Credits Available: 1.0

10:45 am - 11:20 am

President's Invited Lecturer – Reflections on Leadership
Coach Lou Holtz

11:20 am - 12:00 pm

Presidential Address - Reflection on a Career in Cardiothoracic Surgery: Maintaining Humanistic Values in a Changing Environment

*Kevin D. Accola

Cardiovascular Surgical PA, Orlando, FL

12:00 pm

ALL ATTENDEE LUNCHEON

Dessert served in the Exhibit Hall from
1:30 pm - 2:00 pm

1:30 pm - 2:00 pm

BREAK – VISIT EXHIBITS

2:00 pm - 3:00 pm

SECOND SCIENTIFIC SESSION

CME Credits Available: 1.0

Moderators: *Faisal G. Bakaeen and *Elizabeth A. David

2:00 pm - 2:15 pm

11. 30 Day Surgical Readmission Risk Score in a Statewide Database: Validation of a New Multivariate Risk Model

Scott D. Barnett¹, *Eric L. Sarin¹, *Andy Kiser⁵, *Gorav Ailawadi², *Robert B. Hawkins², Zachary M. Tyerman², Jeffrey B. Rich³, Mohammed Quader⁴, *Alan Speir¹

¹Inova Heart and Vascular Institute, Falls Church, VA; ²University of Virginia, Charlottesville, VA; ³VCSQI, Newport News, VA;

⁴Virginia Commonwealth University, Richmond, VA; ⁵East Carolina Heart Institute, Greenville, NC

2:15 pm - 2:30 pm

12. Surveillance Patterns After Treatment of Non-Small Cell Lung Cancer With Lobectomy and Stereotactic Body Radiotherapy

Kyle G. Mitchell, David Nelson, *Wayne L. Hofstetter, *Reza J. Mehran, Jack A. Roth, *Boris Sepesi, *Stephen G. Swisher, *Ara Vaporciyan, *Garrett L. Walsh, *David C. Rice, *Mara B. Antonoff
University of Texas, MD Anderson Cancer Center, Houston, TX

2:30 pm - 2:45 pm

13. Norwood Palliation in High Risk Neonates With Hypoplastic Left Heart Syndrome

*Vincent K. Tam, Lisa Roten, Eldad Erez, Vinod Sebastian, Hisashi Nikaidoh, *Phil Burch, James Kuo
Cook Children's Medical Center, Fort Worth, TX

2:45 pm - 3:00 pm

14V. Rheumatic Double Valve Repair Using Two Remodeling Annuloplasty Rings

*Richard S. Downey², *J. S. Rankin¹, Lawrence M. Wei¹, *Vinay Badhwar¹

¹West Virginia University, Morgantown, WV; ²University of Michigan, Muskegon, MI

3:00 pm - 3:30 pm

BREAK – VISIT EXHIBITS

3:10 pm - 3:23 pm

NEW - VIDEO ABSTRACT PRESENTATION IN EXHIBIT HALL

Break-V1. VATS Resection for Extralobar Pulmonary Sequestration With a Large Aberrant Artery After Endoluminal Stenting and Plug Occlusion
Gopal Singh, Bianca Bromberger, Richard Green, *Joshua R. Sonett

New York Presbyterian/Columbia University, New York, NY

THURSDAY, NOVEMBER 8, 2018 (CONTINUED)

3:30 pm - 5:30 pm

THIRD SCIENTIFIC SESSION

CME Credits Available: 2.0

Moderators: *M. Blair Marshall and *Vinod H. Thourani

3:30 pm - 3:45 pm

15. Acute Type A Dissection Repair: The Role of Individual Surgeon Experience Versus High Volume Center

*Tom C. Nguyen, Juan B. Umana-Pizano, Charles C. Miller, *Hazim J. Safi, Andrei Loghin, Steven B. Eisenberg, Harleen K. Sandhu, *Anthony L. Estrera
University of Texas Health Science Center at Houston, Houston, TX

3:45 pm - 4:00 pm

16. Surgical Risk Functional Outcomes and Long Term Survival After Lung Volume Reduction Surgery: A 13 Year 119 Patient Single Center Experience

Gopal Singh, Patricia Jellen, Maureen Carrol, Daniel Lambert, John Vandenberg, Byron Thomashow, *Joshua R. Sonett, Mark Ginsburg
New York Presbyterian/Columbia University, New York, NY

4:00 pm - 4:15 pm

17. Readmission Following Pediatric Cardiothoracic Surgery: An Analysis of The Society of Thoracic Surgeons Congenital Heart Surgery Database

*Brian Kogon¹, Matthew E. Oster⁶, Wallace Amelia², Chiswell Karen², Hill Kevin², Morgan L. Cox², *Jeffrey P. Jacobs³, Sara Pasquali⁴, Tara Karamlou⁵, Marshall Jacobs³

¹University of Mississippi Medical Center, Jackson, MS; ²Duke University, Durham, NC; ³Johns Hopkins University School of Medicine, Baltimore, MD; ⁴University of Michigan, Ann Arbor, MI; ⁵Mayo Clinic, Scottsdale, AZ; ⁶Children's Healthcare of Atlanta/Emory University, Atlanta, GA

4:15 pm - 4:30 pm

18. Current Outcomes With Isolated Surgical Mitral Valve Replacement: A Benchmark for Transcatheter Mitral Valve Replacement Technologies

William Z. Chancellor¹, *James H. Mehaffey¹, *Sarah A. Schubert¹, *Robert B. Hawkins¹, Jared P. Beller¹, Jeffrey B. Rich⁴, *Alan Speir³, Mohammed Quader², *Leora Yarboro¹, *Gorav Ailawadi¹

¹University of Virginia, Charlottesville, VA; ²Virginia Commonwealth University, Richmond, VA; ³Inova Fairfax Hospital, Falls Church, VA; ⁴VCSQI, Richmond, VA

4:30 pm - 4:45 pm

19. A Minimally Invasive Approach to Lobectomy After Induction Therapy Does Not Compromise Survival: A National Analysis

Chi-fu Jeffrey Yang², Nicholas R. Mayne¹, Adaora P. Nwosu¹, Vignesh Raman¹, *Thomas A. D'Amico¹, *Mark Berry²

¹Duke University Medical Center, Durham, NC; ²Stanford University, Stanford, CA

4:45 pm - 5:00 pm

20. Vascular Rings in Adults: Outcome of Surgical Management

Nishant Saran, *Sameh Said, *Joseph Dearani, Benish Fatima, Thomas Bower, *Hartzell Schaff, Alberto Pochettino
Mayo Clinic, Rochester, MN

5:00 pm - 5:15 pm

21. CT-Guided Percutaneous Radiotracer Localization and Resection of Indistinct or Small Pulmonary Lesions

Domenico Galetta, Lorenzo Spaggiari
European Institute of Oncology, Milan, Italy

5:15 pm - 5:30 pm

22. Recent Antiplatelet Therapy Does Not Affect Short Term Outcomes Following Non-CABG Cardiac Surgery

Cecillia Lui, Xun Zhou, Alejandro Suarez-Pierre, *Charles D. Fraser, *Kenton J. Zehr, Chun (Dan) W. Choi, *Ahmet Kilic
Johns Hopkins Hospital, Baltimore, MD

5:30 pm - 6:30 pm

2018 CARDIOTHORACIC SURGERY JEOPARDY COMPETITION

Rounds 1 & 2

6:00 pm - 7:00 pm

RESIDENTS RECEPTION

7:00 pm - 9:00 pm

PRESIDENT'S MIXER



FRIDAY, NOVEMBER 9, 2018

7:45 am - 12:00 pm

12:45 pm - 3:30 pm

EXHIBITS OPEN

7:00 am - 8:30 am

FOURTH SCIENTIFIC SESSION A

Simultaneous Adult Cardiac, Thoracic, and
Congenital Breakout Sessions

CME Credits Available: 1.5

ADULT CARDIAC BREAKOUT

Moderators: *Andrea J. Carpenter and *Scott A.
LeMaire

7:00 am - 7:15 am

23. Does Mitral Valve Repair Restore Normal Life
Expectancy?

Tessa Watt¹, Shannon Murray¹, Alexander
Wisniewski², David A. Burn³, *Steven Bolling¹
¹University of Michigan, Ann Arbor, MI; ²University of Toledo,
Toledo, OH; ³Quinnipiac University, Hamden, CT

7:15 am - 7:30 am

24. Clinical Outcomes of Surgical Unroofing of
Myocardial Bridging in Symptomatic Patients
Pouya Hemmati, *Hartzell Schaff, *Joseph Dearani,
Richard Daly, Brian D. Lahr, Amir Lerman
Mayo Clinic, Rochester, MN

7:30 am - 7:45 am

25. Rate of Aortic Annular Enlargement Increasing
in the Current TAVR Era

*Robert B. Hawkins¹, Jared P. Beller¹, *James H.
Mehaffey¹, Eric J. Charles¹, Mohammed Quader³,
*Andy Kiser², Mark Joseph⁴, *Jeffrey B. Rich⁵, *Alan
Speir⁶, *Gorav Ailawadi¹
¹University of Virginia, Charlottesville, VA; ²East Carolina Heart
Institute, Greenville, NC; ³Virginia Commonwealth University,
Richmond, VA; ⁴Carilion Cardiothoracic Surgery, Roanoke, VA;
⁵Virginia Cardiac Services Quality Initiative, Richmond, VA;
⁶INOVA Heart and Vascular Institute, Falls Church, VA

7:45 am - 8:00 am

26. Microplegia is a Safe, Effective, and Economical
Alternative to Modified Buckberg Cardioplegia for
Complex Cardiac Operations: A Propensity Matched
Study

Robert Borden, Clifford Ball, Pat Grady, Andrew
Toth, Cheryl Lober, *Faisal G. Bakaeen, Michael Z.
Tong, Eugene Blackstone, Eric E. Roselli
Cleveland Clinic, Cleveland, OH

8:00 am - 8:15 am

27. Less-Invasive Aortic Valve Replacement:
Trends and Outcomes from The Society of Thoracic
Surgeons Adult Cardiac Surgery Database

Mehrdad Ghoreishi¹, Raveendra Morchi², Malek
Massad³, Morgan L. Cox⁴, Samarth Durgam³, Maria
Grau-Sepulveda⁴, Aditya Mantha², Chetan Pasrija¹,
Luis Vargas⁴, Alessio Pigazzi², *Bartley P. Griffith¹,
*Jeffrey P. Jacobs⁵, *Vinod H. Thourani⁸, *Vinay
Badhwar⁹, *James S. Gammie¹, Lars G. Svensson⁷,
Khaled Abdelhady³, Jeffrey C. Milliken², Zachary
Kon⁶

¹University of Maryland School of Medicine, Baltimore, MD;
²Division of Cardiac Surgery, UC Irvine Medical Center, Irvine,
CA; ³Division of Cardiac Surgery, University of Illinois, Chicago,

Chicago, IL; ⁴Duke University Medical Center, Durham, NC;
⁵Johns Hopkins Heart and Vascular Institute, Baltimore, MD;
⁶NYU-Langone Medical Center, New York, NY; ⁷Division of
Cardiac Surgery, Cleveland Clinic, Cleveland, OH; ⁸Medstar Heart
Institute/Washington Hospital Center, Washington, DC; ⁹West
Virginia University Heart and Vascular Institute, Morgantown, WV

8:15 am - 8:30 am

28V. Apical Myectomy for Nonobstructive
Hypertrophic Cardiomyopathy

Anita Nguyen, *Hartzell Schaff
Mayo Clinic, Rochester, MN

THORACIC BREAKOUT

Moderators: *Traves D. Crabtree and *Daniela
Molena

7:00 am - 7:15 am

29. Robotic-Assisted First Rib Resection: A Single
Center Experience With a Novel Surgical Approach
Stevan S. Pupovac¹, Paul Lee¹, Richard Lazarro²,
David Zeltsman¹, Julissa Jurado¹, Kevin Hyman¹,
Vijay Singh¹

¹Northwell Health, Astoria, NY; ²Lenox Hill Hospital, New York, NY

7:15 am - 7:30 am

30. Impact of Positive Margins and Adjuvant
Radiation on Survival After Resection of Tracheal
Adenoid Cystic Carcinoma

Chi-fu Jeffrey Yang², Shivani Shah², Divya
Ramakrishnan¹, *Thomas A. D'Amico², *Mark Berry¹
¹Stanford University, Stanford, CA; ²Duke University Medical
Center, Durham, NC

7:30 am - 7:45 am

31. Dehydrated Human Amnion/Chorion Membrane
(Placenta) Reduces Anastomotic Leaks After
Esophagectomy

*Daniel L. Miller¹, Kevin T. Watkins², *Gerald A.
Helms¹, *William R. Mayfield¹

¹WellStar Health System, Marietta, GA; ²CTCA, Newnan, GA

7:45 am - 8:00 am

32. Proficiency of Robotic Lobectomy Based on
Prior Surgical Technique in The Society of Thoracic
Surgeons General Thoracic Database

Andrew F. Feczko¹, Hongwei Wang², Katherine
Nishimura², Alexander S. Farivar³, Adam J. Bograd³,
Eric Vallières³, Ralph W. Aye³, Brian E. Louie³
¹Swedish Medical Center, Seattle, WA; ²Cancer Research and
Biostatistics, Seattle, WA; ³Swedish Cancer Institute, Seattle, WA

8:00 am - 8:15 am

33. Technique and Outcomes of Implementing
Endobronchial and Intravenous Indocyanine Green
for Segmentectomy

Travis C. Geraci, Omar Aljuboori, *Robert J. Cerfolio
New York University, New York, NY

8:15 am - 8:30 am

34V. Robotic Assisted Retrosternal Thyroidectomy
Ray K. Chihara, Jessica Liu, Snehal G. Patel, *Manu
Sancheti

Emory University, Atlanta, GA

CONGENITAL BREAKOUT

Moderators: *Harold M. Burkhardt and *John H.
Calhoun

7:00 am - 7:15 am

35. Impact of SVR Trial on Single Ventricle
Outcomes in HLHS at an Institutional Level Extends
Beyond Use of Sano

Ram Kumar Subramanyan, W.H. Gray,
Vaughn A. Starnes
University of Southern California, Los Angeles, CA

7:15 am - 7:30 am

36. Post-Norwood Outcomes Improved With
Pulmonary Circulation Interventions
Lillian Kang, Nicholas C. DuPont, Jacob Miller,
Melanie P. Subramanian, Vipul Sharma, *Pirooz
Eghtesady
Washington University in St. Louis School of Medicine, St. Louis, MO

7:30 am - 7:45 am

37. Outcomes in Management of Neonatal Distal
Aortic Arch Hypoplasia With Coarctation
*Joshua M. Rosenblum, Scott Gillespie, *Kirk R.
Kanter
Emory University, Atlanta, GA

7:45 am - 8:00 am

38V. Challenging Case: VSD Device Removal
*Brian Kogon, Craig Mathis
University of Mississippi Medical Center, Jackson, MS

8:00 am - 8:15 am

39. Mitral Valve Replacement in Infants Using a
15-mm Mechanical Valve
Osama Eltayeb, William J. Readdy, Michael C.
Monge, *Joseph M. Forbess, Anne E. Sarwark, *Carl
L. Backer
Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

8:15 am - 8:30 am

40. Mitral Valvuloplasty and Mitral Valve
Replacement in Infants Less Than One Year Old
Tracy R. Geoffrion¹, *Timothy J. Pirulli¹, Jessica
Pruszynski¹, Adrien K. Dyer¹, *Ryan R. Davies¹,
*Joseph M. Forbess², *Kristine J. Guleserian³
¹University of Texas Southwestern Medical Center, Dallas, TX;
²Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago,
IL; ³Nicklaus Children's Hospital, Miami, FL

8:30 am - 9:00 am

BREAK - VISIT EXHIBITS

8:40 am - 8:53 am

NEW - VIDEO ABSTRACT PRESENTATION IN EXHIBIT HALL

Break-V2. Early Migration of a Self-expanding
Transcatheter Aortic Valve Prosthesis Causing
Coronary Occlusion: A Practical Technique for
Surgical Explantation

Jordan P. Bloom, Michael Kwon, George Tolis
Massachusetts General Hospital, Boston, MA

9:00 am - 10:00 am

FOURTH SCIENTIFIC SESSION B

Simultaneous Adult Cardiac, Thoracic, and
Congenital Breakout Sessions

CME Credits Available: 1.0

ADULT CARDIAC BREAKOUT

Moderators: *Joseph S. Coselli and *Himanshu J.
Patel

FRIDAY, NOVEMBER 9, 2018 (CONTINUED)

9:00 am - 9:15 am

41. Outcomes After Acute Type A Aortic Dissection in Patients With Prior Cardiac Surgery

Elizabeth D. Krebs⁴, *James H. Mehaffey⁴, *Robert B. Hawkins⁴, Jared P. Beller⁴, Clifford Fonner¹, *Andy Kiser², Mark Joseph³, *Leora Yarboro⁴, Nicholas R. Teman⁴, *Gorav Ailawadi⁴

¹Virginia Cardiac Services Quality Initiative, Falls Church, VA; ²East Carolina Heart Institute, Charlottesville, VA; ³Carilion Clinic, Roanoke, VA; ⁴University of Virginia, Charlottesville, VA

9:15 am - 9:30 am

42V. The Buffalo Trunk Technique for Aortic Arch Reconstruction

Mohamed Eldeiry, Edward J. Bergeron, *Muhammad Aftab, *Jay Pal, Joseph C. Cleveland, *David A. Fullerton, *Thomas B. Reece
University of Colorado, Aurora, CO

9:30 am - 9:45 am

43. The Addition of Aortic Root Procedures During Elective Arch Surgery Does Not Confer Added Morbidity nor Mortality

*William B. Keeling¹, David H. Tian², Jakob Heinz³, Malakh Shrestha⁴, Takuya Fujikawa⁵, *Joel Corvera⁶, Marco Di Eusanio⁷, *Bradley G. Leshnower¹, *Edward P. Chen¹

¹Emory University, Atlanta, GA; ²International Aortic Arch Surgery Study Group, MacQuarie Park, New South Wales, Australia; ³University of Essen, Essen, Germany; ⁴University of Hannover, Hannover, Germany; ⁵Kawasaki Aortic Center, Kawasaki, Japan; ⁶Indiana University School of Medicine, Indianapolis, IN; ⁷Politecnica University of Marche, Ancona, Italy

9:45 am - 10:00 am

44. Open Descending and Thoracoabdominal Repairs in Patients Younger Than 50 Years Old

Akiko Tanaka, Rana Afifi, Harleen K. Sandhu, Charles C. Miller, *Hazim J. Safi, *Anthony L. Estrera

McGovern Medical School at UTHealth, Houston, TX

THORACIC BREAKOUT

Moderators: *Melanie A. Edwards and *Mitchell J. Magee

9:00 am - 9:15 am

45. Optimal Surveillance for Node Negative Early Stage Esophageal Adenocarcinoma Following Esophagectomy

Tamar B. Nobel^{1,2}, Arianna Barbetta¹, Meier Hsu¹, Kay See Tan¹, Smita Sihag¹, *Matthew Bott¹, *James M. Isbell¹, Manjit S. Bains¹, *David R. Jones¹, *Daniela Molena¹

¹Memorial Sloan Kettering Cancer Center, New York, NY; ²Mount Sinai Hospital, New York, NY

9:15 am - 9:30 am

46. Enhanced Recovery (ER) After Pulmonary Lobectomy - Eliminating Foley Catheters - Have We Gone Too Far?

Travis C. Geraci, Omar Aljuboori, *Robert J. Cerfolio
New York University, New York, NY

9:30 am - 9:45 am

47. Liposomal Bupivacaine Enhances the Pain-Control Benefits of Uniportal Thoracoscopic Lobectomy

Scott G. Louis, Chase King, Perel Baral, Nirmal Veeramachaneni
The University of Kansas Medical Center, Prairie Village, KS

9:45 am - 10:00 am

48V. Narcotic Free VATS Lobectomy

*Daniel L. Miller
WellStar Health System, Marietta, GA

CONGENITAL BREAKOUT

Moderators: *Kristine J. Guleserian and

*Constantine Mavroudis

9:00 am - 9:15 am

49. Double Aortic Arch With Kommerell Diverticulum

*Carl L. Backer, Sandeep N. Bharadwaj, Osama Eltayeb, *Joseph M. Forbess, Andrada R. Popescu, Michael C. Monge
Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

9:15 am - 9:30 am

50V. Surgical Treatment of Biventricular Outflow Tract Obstruction in Hypertrophic Cardiomyopathy

Ziyad M. Binsalamah, Rodrigo Zea-Vera, Marco A. Rodriguez, Susan W. Denfield, *Jeffrey S. Heinle
Texas Children's Hospital/Baylor College of Medicine, Houston, TX

9:30 am - 9:45 am

51. Factors Associated With Survival Following Extracorporeal Cardiopulmonary Resuscitation in Children

Nicholas Melvan, Michael Heard, Michael Wolf, Joel Davis, *Kirk R. Kanter, Shriprasad R. Deshpande, *Bahaaldin Alsoufi
Emory University School of Medicine, Atlanta, GA

9:45 am - 10:00 am

52V. Correcting a Rare Congenital Anomaly in an Adult - A Case Report

John Duggan², William J. Parker¹, Samuel Richey³, *Charles B. Huddleston³, Junewai Reoma¹

¹Walter Reed National Military Medical Center, Bethesda, MD; ²Uniformed Services University of the Health Sciences, Bethesda, MD; ³St. Louis University School of Medicine, St. Louis, MO

10:00 am - 10:30 am

BREAK - VISIT EXHIBITS

10:10 am - 10:23 am

NEW - VIDEO ABSTRACT PRESENTATION IN EXHIBIT HALL

Break-V3. Giant Left Main Coronary Artery Aneurysm: Evaluation and Surgical Repair

*Faisal G. Bakaeen, Eric E. Roselli, Gosta B. Pettersson, Lars G. Svensson
Cleveland Clinic, Cleveland, OH

10:30 am - 10:50 am

GENERAL SESSION

CME Credits Available: 5

Moderator: *William A. Baumgartner

Kent Trinkle Education Lectureship Panel
New Paradigms in Residency Education: Insights on Current Challenges and Surgical Training

10:31 am - 10:38 am

*John Calhoun
University of Texas Health Science Center, San Antonio, TX

10:38 am - 10:45 am

*John Kern

University of Virginia Health System, Charlottesville, VA

10:45 am - 10:50 am

Open Discussion

10:50 am - 11:00 am

BREAK - VISIT EXHIBITS

11:00 am - 12:00 pm

FOURTH SCIENTIFIC SESSION C

Simultaneous Adult Cardiac, Thoracic, Congenital, and Surgical Transcatheter Interventions Breakout Sessions

CME Credits Available: 1.0

ADULT CARDIAC BREAKOUT

Moderators: *Thomas M. Beaver and

*Jennifer S. Lawton

11:00 am - 11:15 am

53. Early Failure of Tissue Valves Following Aortic Valve Replacement

Nishant Saran, *Sameh Said, Kevin Greason, *John M. Stulak, *Simon Maltais, Alberto Pochettino, Richard Daly, *Joseph Dearani, *Hartzell Schaff
Mayo Clinic, Rochester, MN

11:15 am - 11:30 am

54. Improvement in Left Ventricular Ejection Fraction Following Surgical Ablation of Atrial Fibrillation in Patients With Tachycardia-Induced Cardiomyopathy

Ali J. Khiabani, Taylan Adademir, Matthew R. Schill, Laurie A. Sinn, Richard B. Schuessler, *Marc R. Moon, *Spencer J. Melby, *Ralph J. Damiano
Washington University School of Medicine, St. Louis, MO

11:30 am - 11:45 am

55. Impact of the Use of Novel Oral Anticoagulants Versus Warfarin on Rates of Postoperative Effusions After Coronary Artery Bypass Grafting

Dishen Lin, Michael A. Catalano, Frank Manetta, Hugh Cassiere, Alan R. Hartman, Pey-Jen Yu
Northwell Health, Manhasset, NY

11:45 am - 12:00 pm

56. Extracorporeal Membrane Oxygenation Prior to Ventricular Assist Device Placement is a Risk Factor for Future Pump Thrombus

Jordan Hoffman¹, Navin Vigneshwar¹, Christopher Pierce², Patrick Hosokawa², Joseph C. Cleveland¹
¹University of Colorado, Denver, CO; ²University of Colorado, Aurora, CO

THORACIC BREAKOUT

Moderators: *Mara B. Antonoff and *Erin A. Gillaspie

11:00 am - 11:15 am

57. Postoperative Supplementary Chemotherapy Could Not Improve Survival of Advanced ESCC Patients Underwent Surgery Following Neoadjuvant Chemotherapy

Ke-Neng Chen, Wanpu Yan, Peiliang Zhao, Hao Fu, Yao Lin, Zhongwu Li, Liang Dai, Yongbo Yang, Xiaozheng Kang
Peking University Cancer Hospital, Beijing, China

FRIDAY, NOVEMBER 9, 2018 (CONTINUED)

11:15 am - 11:30 am

58V. Laparoscopic Repair of Paraconduit Herniation After Esophagectomy

Tamar B. Nobel, Arianna Barbetta, Smita Sihag, *Manjit S. Bains, *David R. Jones, *Daniela Molena
Memorial Sloan Kettering Cancer Center, New York, NY

11:30 am - 11:45 am

59. Predictors of Mediastinal Involvement After Neoadjuvant Chemoradiation in Adenocarcinoma of the Gastroesophageal Junction

Kyle G. Mitchell, Naruhiko Ikoma, David Nelson, Dipen M. Maru, Jeremy J. Erasmus, *Ara Vaporciyan, *Mara B. Antonoff, *Reza J. Mehran, *David C. Rice, Jack A. Roth, *Stephen G. Swisher, *Boris Sepesi, *Garrett L. Walsh, Arlene Correa, Brian D. Badgwell, *Wayne L. Hofstetter
University of Texas, MD Anderson Cancer Center, Houston, TX

11:45 am - 12:00 pm

60. Performance of the Trans-Oral Circular Stapler for Thoracic Anastomosis After Induction Therapy for Advanced Esophageal Cancer

Lily Wang, Steven Milman, Thomas Ng
The Warren Alpert Medical School of Brown University, Providence, RI

CONGENITAL BREAKOUT

Moderator: *Kirk R. Kanter

11:00 am - 11:15 am

61. Comprehensive Valve Program in Patients With Congenital Heart Disease Undergoing Re-Entry Right Ventricular Outflow Tract Intervention in the Transcatheter Era: Review of Outcomes and Cost Analysis

Joshua Kalish², Brendan Shafer¹, Lauren Mathis¹, Zahid Amin², *Anastasios C. Polimenakos¹
¹Children's Hospital of Georgia, Augusta, GA; ²Medical College of Georgia, Augusta, GA

11:15 am - 11:30 am

62. Role of Pulmonary Valve Z-Score in Valve-Sparing Surgical Repair of Tetralogy of Fallot - Systematic Review

*Raina Sinha, Vasu Gooty, Subin Jang
University of Minnesota, Minneapolis, MN

11:30 am - 11:45 am

63V. Novel Approach to Repair of Tetralogy of Fallot With Absent Pulmonary Valve Syndrome and Severe Airway Compression

Christina L. Greene, *Richard D. Mainwaring, Frank L. Hanley
Stanford University, Stanford, CA

11:45 am - 12:00 pm

64. Failure to Rescue in Humanitarian Congenital Cardiac Surgery

*Tyler J. Wallen¹, Marci Fults³, Randa Blendon², Janet Nwaukoni³, Marilyn Le³, Nuha Fariha³, Rodrigo Soto²

¹The University of Florida, Gainesville, FL; ²The International Children's Heart Foundation, Memphis, TN; ³Philadelphia College of Osteopathic Medicine, Philadelphia, PA

SURGICAL transcatheter INTERVENTIONS BREAKOUT

Moderator: *Kevin D. Accola

11:00 am - 11:15 am

65. In-Hospital and 2-Year Outcomes Comparing TAVR Using Transcatheter, Transapical and Transaortic Access

Keith B. Allen¹, Adnan K. Chhatrwalla¹, David Cohen¹, Sanjeev Aggarwal¹, Zuhair Hawa¹, John Saxon¹, John R. Davis¹, Alex Pak², Zafir Hawa², Jim Mitchell², *A. Michael Borkon¹

¹St. Luke's Mid America Heart Institute, Kansas City, MO; ²North Kansas City Hospital, North Kansas City, MO

11:15 am - 11:30 am

66. Prevalence of and Risk Factors for Permanent Pacemaker Implantation After Aortic Valve Replacement

Melissa Levack, Samir Kapadia, *Edward Soltesz, A. Marc Gillinov, Penny Houghtaling, *Eugene Blackstone, Lars G. Svensson, Stephanie L. Mick
Cleveland Clinic, Cleveland, OH

11:30 am - 11:45 am

67. Expanding TAVR Indications and the Impact Bicuspid Aortic Stenosis - An Outcomes Based Assessment

Kristen A. Sell-Dottin, Jaimin R. Trivedi, *Mark S. Slaughter
University of Louisville, Louisville, KY

11:45 am - 12:00 pm

68. Does the Integrated Risk Assessment by the Heart Team Predict Outcomes After Transcatheter Aortic Valve Replacement (TAVR)?

Michael A. Catalano, Dishen Lin, Bruce Rutkin, Rick A. Esposito, Gregory Maurer, Alan R. Hartman, Pey-Jen Yu
Northwell Health, Manhasset, NY

12:00 pm - 1:00 pm

EARLY PRACTITIONERS LUNCHEON

Cardiothoracic surgeons in practice less than 10 years are invited to attend this luncheon to network with other early practitioners.

1:00 pm - 1:30 pm

BREAK - VISIT EXHIBITS

1:30 pm - 2:45 pm

GENERAL SESSION

CME Credits Available: 1.25

1:30 pm - 2:15 pm

MANAGING THE NEW ANTICOAGULANTS: SURGICAL PERSPECTIVES AND STRATEGIES

Moderator: *Kevin D. Accola

Jerrold H. Levy, MD
Professor of Anesthesiology / Surgery, Co-Director of Cardiothoracic ICU
Duke University Hospital, Durham, NC

2:15 pm - 2:45 pm

HAROLD URSCHEL HISTORY LECTURESHIP

Moderator: *John W. Hammon

69. One Hundred and Counting: Dr. Dwight C. McGoon's Enduring Legacy

Pouya Hemmati, Arman Arghami, *Joseph Dearani, Richard Daly, *Hartzell Schaff
Mayo Clinic, Rochester, MN

2:45 pm - 3:30 pm

BREAK - VISIT EXHIBITS

NEW - VIDEO ABSTRACT PRESENTATION IN EXHIBIT HALL

Break-V4. Novel Cannulation Technique for Temporary Right Ventricular Assist Device After LVAD Placement

William Z. Chancellor, Jared P. Beller, Emily A. Downs, *Leora Yarboro
University of Virginia, Charlottesville, VA

3:30 pm - 4:30 pm

FIFTH SCIENTIFIC SESSION

CME Credits Available: 1.0

Moderator: *Jeffrey P. Jacobs

3:30 pm - 3:45 pm

70. Novel Preoperative Huddle Email Improves Perioperative Efficiency

*Zachary M. Tyerman, *James H. Mehaffey, *Robert B. Hawkins, *Leora Yarboro, *Gorav Ailawadi, *Nicholas R. Teman
University of Virginia, Charlottesville, VA

3:45 pm - 4:00 pm

71. Lung Cancer Patient Perceptions of the Value of an Outreach Thoracic Surgical Clinic

Zoya Mohammad, Kyle G. Mitchell, David Nelson, Courtney Robb, Claudine Jreissaty, Janet Tu, *Mara B. Antonoff
University of Texas, MD Anderson Cancer Center, Houston, TX

4:00 pm - 4:15 pm

72. Response to Neoadjuvant Treatment for Esophageal Cancer May Predict Increased Incidence of Brain Metastases Compared to Other Metastasis Sites

Tamar B. Nobel^{1,2}, Nikita K. Dave³, Arianna Barbetta¹, Smita Sihag¹, *David R. Jones¹, *Daniela Molena¹

¹Memorial Sloan Kettering Cancer Center, New York, NY; ²Mount Sinai Hospital, New York, NY; ³Rutgers New Jersey School of Medicine, Newark, NJ

4:15 pm - 4:30 pm

73. A 25-Year Experience With the Ross Procedure in Children

*Damien J. LaParo^{1,2}, Eliana Al Haddad¹, *Paul Chai^{1,2}, David Kalfa^{1,2}, Amee M. Shah¹, Maria Thanjan³, Patrick Flynn², Jan M. Quaegebeur¹, Emile A. Bacha^{1,2}

¹Columbia University College of Physicians and Surgeons, New York, NY; ²Weill Cornell College of Medicine, New York, NY; ³New York Presbyterian Hospital, New York, NY

4:30 pm - 5:15 pm

STSA ANNUAL BUSINESS MEETING

Members Only

7:00 pm - 10:00 pm

DINNER GALA

7:00 pm - 8:00 pm

Reception

8:00 pm - 10:00 pm

Dinner Gala

SATURDAY, NOVEMBER 10, 2018

8:00 am - 10:00 am

STSA POSTGRADUATE BREAKFAST SESSION

Spouses and guests encouraged to attend.

CME Credits Available: 2.00

GENERAL SESSION

THE PAST, PRESENT, AND FUTURE

Moderators: *Kevin D. Accola, *Daniel L. Miller and
*Jeffrey P. Jacobs

8:00 am - 8:45 am

Resilience and Burnout: Lessons from Dr. Wayne
Sotile
Sotile Center for Resilience
Davidson, NC

8:45 am - 9:10 am

A Conversation with a Legend: *Dr. Alec Patterson
Washington University School of Medicine
St. Louis, MO

9:10 am - 9:20 am

Open Discussion

9:20 am - 9:50 am

Surgeon Performance Metrics: Why, What,
and When?

David M. Shahian
Massachusetts General Hospital
Boston, MA

9:50 am - 10:00 am

Open Discussion

10:00 am

MEETING ADJOURNED





GENERAL INFORMATION

MEETING LOCATION

Omni Amelia Island Plantation Resort
39 Beach Lagoon Road
Fernandina Beach, Florida 32034
(904) 261-6161

HOTEL INFORMATION & RESERVATIONS

Omni Amelia Island Plantation Resort is nestled at the tip of a barrier island just off the Northeast Florida coast. Enjoy luxurious oceanfront accommodations, world-class resort pools, championship golf, full-service spa, endless dining options and family-friendly activities. Extend your stay and relax on the largest multi-tiered pool deck in northeast Florida, featuring an adults-only infinity edge pool, a 10,000-square-foot family-friendly pool, Splash Park water playground for the kids, two hot tubs and oversized fire pits.

A block of discounted hotel rooms is being held until Monday, October 8, 2018, provided rooms are still available in our room block. After this date, room reservations will be accepted based on availability only.

There are two ways to make reservations:

- **Online:** Visit www.stsa.org/65thannual and click on the direct link to the Omni reservation website, where you can book your hotel reservation any time.
- **Telephone:** Contact the hotel reservations department at (888) 444-6664. To qualify for the special meeting rate, be sure to mention that you are attending the Southern Thoracic Surgical Association Annual Meeting.

Room Rate and Cancellation Information: The rate for a single or double room is \$250/night plus tax, which includes a nightly resort fee covering unlimited high speed internet access, on-property transportation, unlimited use of the Health & Fitness Center, resort beach access, self-parking, local and toll-free calls, and in-room coffee and tea. One night's deposit plus tax is required for

each reservation. The deposit is refundable on reservations cancelled by 12:00 p.m. three days prior to the date of arrival.

Check-in time is 4:00 pm; check-out is 11:00 am

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Stay with Omni. Help end hunger in America. For all group rooms booked, Omni will contribute one meal per actualized reservation. You not only get a sensational meeting, but you can also help make a meaningful difference in local communities. To learn more visit:

<https://www.omnihotels.com/meetings/offers/say-goodnight-to-hunger-group-promo>

CONFERENCE REGISTRATION

Register online at www.stsa.org/65thannual or complete and return the enclosed registration form. Early registration is available until October 8, 2018. After this date, you must register on site at the Annual Meeting. Please note that there will be an additional \$50 charge for attendees registering on site.

Registration and Cancellation Policy: Cancellation requests must be submitted in writing by October 8, 2018; unfortunately, STSA is unable to honor any subsequent requests. Refunds are subject to a \$50 administrative fee.

GETTING AROUND AMELIA ISLAND

The Omni Amelia Island Plantation Resort is an expansive property boasting a long list of activities and attractions for the whole family. The resort provides a complimentary shuttle from 6:00 am to midnight to help you explore all it has to offer. Visit the hotel's website for a full list of [things to do](#).

Airport Transportation

Jacksonville International Airport (airport code JAX) is located 30 miles from the hotel, and is serviced by most major airlines. The resort does not provide

shuttle service from the airport. There are several forms of ground transportation services available at the airport.

Taxi Service

Taxis are readily available at the lower level curbside, outside of baggage claim. Fares to the Omni Amelia Island Plantation Resort are approximately \$70 one way.

Shared or Private Car Service

Super Shuttle services the Jacksonville International Airport with both shared rides and private cars. Reservations can be made online at www.SuperShuttle.com. Shared ride cost to the Omni Amelia Island Plantation Resort is \$46 per person one way, and private cars are available starting at \$86 per person one way.

Private car service is also available through Dana Limousine and Transportation Service. Reservations can be made by calling (904) 744-3333 or emailing reservations@danalimo.com.

Car Rental

A special car rental rate has been negotiated for STSA meeting attendees through Hertz. For reservations in the U.S. and Canada call 800-654-2240; from all other locations call 405-749-4434. Reservations can also be made online at www.hertz.com. Reference CV# 04R50006 when making reservations.

Parking

The Omni Amelia Island Plantation Resort offers complimentary self-parking for STSA guests. Valet parking is \$25 per day.

FOR ADDITIONAL INFORMATION

Contact STSA at (312) 202-5892 or email stsa@stsa.org.

ACTIVITIES AND ENTERTAINMENT

HOSPITALITY SUITE

Thursday, November 8 – Saturday, November 10

Time: 8:00 am – 11:00 am

STSA is providing a hospitality room for your spouse or guest to mingle with other spouses and guests and to make plans for exploring Amelia Island.

RESIDENTS RECEPTION

Thursday, November 8

Cost: Complimentary for Residents

Time: 6:00 pm – 7:00 pm

Residents and medical students are encouraged to attend this function to meet other residents and students, and network with leaders in the field.

PRESIDENT'S MIXER

Thursday, November 8

Time: 7:00 pm – 9:00 pm

Cost: Complimentary

Gather with fellow meeting attendees for an evening of networking and fun. Attendees receive two tickets with registration. Additional tickets may be purchased for \$25.

DINNER GALA

Friday, November 9

Reception: 7:00 pm – 7:30 pm

Dinner: 7:30 pm – 10:00 pm

Cost: \$125 per adult / \$40 per child (ages 12 and younger)

Advanced registration recommended. A limited number of tickets will be sold on site.

Join fellow meeting attendees and their families for the always-memorable Dinner Gala, complete with a cocktail reception, dinner, awards, and music entertainment. A local band has been added to this year's program and will provide easy listening during the dinner hour. Don't miss it! Although black tie is always in fashion, you are welcome to wear cocktail attire. Be comfortable and have fun!

GOLF AT AMELIA ISLAND'S OAK MARSH GOLF

The Oak Marsh Golf Course is one of the truly classic Pete Dye-designed golf courses in the world. The course, built in 1972 shortly after the completion of the Harbour Town Golf Links at Hilton Head Island, South Carolina, is noted for its tight fairways and small greens, meandering along serpentine salt marsh creeks and through the moss draped heritage oaks for which Amelia Island is famous.

At par 72, this 6,500-yard course has 14 holes with water hazards and numerous bulk-headed greens. A variety of bunkers are placed throughout the course to add to the challenge, and a natural approach has been maintained as well with the use of coquina shell cart paths, native plant life and preserved habitats for the local wildlife.

Numerous local championships and resort tournaments are played here. Included in Golf Digest's prestigious list of the "Top 75 Resort Courses in the U.S.," Oak Marsh also was selected by Travel & Leisure Golf as one of "Florida's 50 Finest Courses."

INDIVIDUAL GOLF PLAY

Cost: \$108 (Includes greens fees, cart fees and practice balls.)

Contact the golf shop at (904) 491-4801 to reserve a tee time according to your schedule. Be sure to mention you're an STSA attendee to receive the group discount.

Rental clubs are available for \$65 and include one sleeve of golf balls. Rental items are not included in the cost of individual golf play.

Please note the following dress code: Men must wear collared shirts with long pants or Bermuda length shorts. Ladies must have a collar or sleeves on their top. Dresses, shorts or skirts of appropriate length are allowed. Only soft-spiked shoes are allowed on the course.

RESORT ACTIVITIES AND LOCAL EXCURSIONS

The Omni Amelia Island Plantation Resort features a long list of exciting and rejuvenating on-property activities. On arrival, guests will be provided with a Resort Guide outlining the week's activity schedule, as well as available excursions and dining options. The resort is situated directly on the beach, and offers two swimming pools, a splash park, full service spa, two fitness centers including state-of-the-art Racquet Park Health Club, a championship golf course, and world-renowned tennis facilities. Spend your free time exploring the surrounding maritime forests on rented bicycles or Segways, stroll through the Shops of Amelia Island Plantation and pick up souvenirs, or reserve a private cabana on the beach for you and your family. Visit www.omnihotels.com/hotels/amelia-island-plantation or contact the Concierge team at (904) 432-1467 for more information.

CAMP AMELIA

Camp Amelia gives guests from ages 4–10 the chance to explore the resort and discover nature, science, salt life, and much more! Interactive learning excursions are offered with full-day themed sessions available. Campers will construct a unique craft and create lifelong memories with an award-winning recreation department. Participants must be fully toilet trained. Pre-registration is required. Camp Amelia is conveniently located adjacent to the pool deck. Please call (904) 432-1451 for more information and reservations, or visit the hotel website for additional details.

Hours: Open daily, 9:00 am – 2:00 pm
Evening camp hours are available on Friday and Saturday, 6:00 pm – 9:30 pm. Evening hours may be extended until 10:30 pm for an additional fee of \$20 per child.

Cost: Daytime: \$75 plus tax per child Evening: \$65 plus tax per child (meals are included)

This service is limited, please make reservations in advance. Pre-registration is required at least 24 hours in advance.

CHILDCARE SERVICES

The Omni Amelia Island Plantation Resort recommends the following childcare provider:

Amelia Island Nanny

(904) 742-3481

www.ameliaislandnanny.com