

**ADVANCE
PROGRAM**

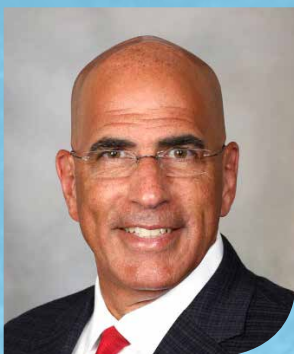


MEETING DATES: NOVEMBER 6-9, 2019
EXHIBITION DATES: NOVEMBER 7-8, 2019

**JW MARRIOTT MARCO ISLAND BEACH RESORT
MARCO ISLAND, FL**



Jeffrey P. Jacobs, MD
STSA President



Joseph A. Dearani, MD
Program Committee
Co-Chair



Daniela Molena, MD
Program Committee
Co-Chair

DEAR COLLEAGUE,

As members of the 2019 STSA Program Committee, it is our pleasure to extend this invitation to you to attend the STSA 66th Annual Meeting, November 6-9, 2019 at the JW Marriott Marco Island Beach Resort in Marco 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 2018. On Wednesday evening, 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 featuring an informal dinner and refreshments. The STSA Program Committee carefully considered topic suggestions received from last year's attendees when creating the 2019 program. Changes to this year's schedule reflect suggestions direct from our membership and hopefully will better address the educational needs of our STSA members.

Thursday morning, Nov. 7, will kick off with the Robert M. Sade Ethics Lectureship and the Basic Science Forum, followed by General Sessions featuring outstanding paper and video presentations and lectures by the STSA President's invited guests, Drs. James Quintessenza and Martin Elliott.

You will not want to miss these presentations! Concurrent subspecialty breakouts on Friday, Nov. 8 will feature cardiac, thoracic, congenital, ECMO and transplant 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 abstracts received, the STSA Program Committee determined it would be beneficial to include additional highly favored submissions as supplemental education in the meeting foyer as scientific posters. Be sure to review the program for additional details and stop by the poster kiosks during the course of the meeting.

The meeting will conclude with the second half of the Postgraduate Program to be held Saturday morning, Nov. 9. The session titled, "Charity, Quality and Innovation," will begin with a special lecture from, Dr. Joseph Dearani, discussing the topic of Charitable Cardiothoracic Surgery. Our Postgraduate Program will feature another living legend in cardiothoracic surgery. We are thrilled that this year's spotlight will be on Dr. Duke Cameron from Massachusetts General Hospital and he will be interviewed by Drs. Marshall Jacobs and Luca Vricella. The program will close with a special presentation from Dr. David Shahian who will reflect on the first four decades of the quality era.

In addition to the educational sessions, don't miss this year's social events. The All Attendee Luncheon will be held on Thursday, Nov. 7, 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 socialize with their colleagues. On Friday, Nov. 8, we invite you to join us at the Annual Dinner Gala which will feature similar music entertainment as last year. In addition, you will have the opportunity to hear this year's award presentations, and ample time to catch up with fellow members and their families. Black tie is always welcome at this event; however, it is not required. Attendees may also wear cocktail attire.

The STSA Annual Meeting is the perfect setting for STSA members, family and friends. Please bring your family to enjoy the amenities and activities offered at the exquisite JW Marriott Marco Island Beach Resort. The resort is located directly on the beach, and offers two swimming pools, a splash park, full service spa, two fitness centers, two private championship golf courses, a state-of-the-art gaming emporium, numerous watersports and excursions that depart directly from the resort.

Make plans now to join your STSA colleagues this November. You can register at www.stsa.org. We look forward to seeing you at the JW Marriott Marco Island Beach Resort.

Sincerely,

Jeffrey P. Jacobs, MD, STSA President

Joseph A. Dearani, MD, Program Committee Co-Chair

Daniela Molena, MD, Program Committee Co-Chair

Special thanks to the members of the Program Committee and Postgraduate Committee and all abstract reviewers who volunteered their time, energy, and expertise in developing the STSA 66th Annual Meeting program.

PROGRAM COMMITTEE

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Todd K. Rosengart, MD
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Vinod H. Thourani, MD

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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.

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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 66TH 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 6, 2019

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 and a light dinner. Many of you will have just arrived to the resort; so drop your bags, come as you are and participate in a casual session titled "I Wish I Could Have Done That Case Over: Complex Case Presentations Involving Patients that Required Multiple Operations and Interactive Discussions." A light dinner and refreshments will be served.

GENERAL SESSION

I Wish I Could Have Done That Case Over: Complex Case Presentations Involving Patients That Required Multiple Operations and Interactive Discussions

Moderators: *Matthew J. Bott and *Ahmet Kilic

7:00 pm - 7:30 pm

Cardiac Transplantation Case Presentation

*Carl L. Backer

Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

7:30 pm - 7:45 pm

Aortic Surgery Case Presentation

*Constantine Mavroudis

Johns Hopkins University School of Medicine, St. Petersburg, FL

*Tomas D. Martin

Florida Hospital, Orlando, FL

7:45 pm - 7:50 pm

Aortic Surgery: The Science Behind the Case

*Scott A. LeMaire

Baylor College of Medicine, Texas Heart Institute, Houston, TX

7:50 pm - 8:00 pm

Open Discussion

8:00 pm - 8:05 pm

Thoracic Surgery with 3-Dimensional Modeling Case Presentation

*Shanda H. Blackmon

Mayo Clinic, Rochester, MN

8:05 pm - 8:10 pm

Robotic Thoracic Surgery Case Presentation

*Robert J. Cerfolio

NYU Langone Health, New York City, NY

8:10 pm - 8:15 pm

Esophageal Surgery Case Presentation

*Christine L. Lau

University of Virginia, Charlottesville, VA

8:15 pm - 8:30 pm

Open Discussion

8:30 pm - 8:35 pm

Mitral Surgery Case Presentation 1

*Vinay Badhwar

West Virginia University, Morgantown, WV

8:35 pm - 8:40 pm

Mitral Surgery Case Presentation 2

*Vinod H. Thourani

MedStar Heart and Vascular Institute and Georgetown University, Washington, DC

8:40 pm - 8:45 pm

Mitral Surgery Case Presentation 3

*Kevin D. Accola

Cardiovascular Surgeons, P.A., Orlando, FL

8:45 pm - 9:00 pm

Open Discussion



THURSDAY, NOVEMBER 7, 2019

10:00 am - 12:00 pm

1:30 pm - 3:30 pm

EXHIBITS OPEN

7:00 am - 7:50 am

ROBERT M. SADE ETHICS LECTURESHIP

CME Credits Available: .75

Moderator: *Robert M. Sade

7:00 am - 7:05 am

Case Introduction: Painting a Vivid Picture: Persuasion versus Manipulation in the Consent Process

*Robert M. Sade

Medical University of South Carolina, Charleston, SC

7:05 am - 7:20 am

Pro: Emile A. Bacha

Columbia University College of Physicians and Surgeons,
Weill Cornell College of Medicine, New York, NY

7:20 am - 7:35 am

Con: *John E. Mayer, Jr.

Boston Children's Hospital, Boston, MA

7:35 am - 7:50 am

Panel Discussion

7:00 am - 7:50 am

BASIC SCIENCE FORUM

CME Credits Available: .75

Moderators: *Matthew J. Bott, *James D. St. Louis and
*Todd K. Rosengart

7:00 AM - 7:12 AM

1B. Impact of Social Determinants of Health on Non-small Cell Lung Cancer Aggressive Somatic Phenotypes

Loretta Erhunmwunsee¹, Hengrui Hu², Catherine Raquel²,
Lisa Lopez², Jenny Shen², Lennie Wong², Jae Kim², Dan Raz²,
Karen Reckamp², Ravi Salgia², Stacy Gray²

¹City of Hope Cancer Center, Duarte, CA; ²City of Hope Medical Center, Duarte, CA

7:12 AM - 7:24 AM

2B. Pretreatment With Nicorandil Preserves Motor Function After Spinal Cord Ischemia-Reperfusion Injury

Yuki Ikeno¹, Christian Ghincea¹, Gavriel Roda¹, Linling Cheng¹,
*Muhammad Aftab², Xianzhong Meng¹, Michael Weyant²,
Joseph Cleveland, Jr.¹, *David Fullerton², *Thomas Reece²

¹University of Colorado, Aurora, CO; ²University of Colorado Denver, Aurora, CO

7:24 AM - 7:36 AM

3B. High Mutational Concordance Between Next Generation Sequencing Profiles of Colorectal Cancer and Pulmonary Metastases

Saumil Datar¹, *Erin Corsini¹, Kyle Mitchell¹, *Reza Mehran¹,
*David Rice¹, *Boris Sepesi¹, *Garrett Walsh¹, *Stephen Swisher¹, Jack Roth¹, *Ara Vaporicyan¹, *Wayne Hofstetter¹,
Jonathan Loree², Van Morris¹, *Mara Antonoff¹

¹University of Texas, MD Anderson Cancer Center, Houston, TX;

²BC Cancer, Vancouver, BC, Canada

7:36 AM - 7:48 AM

4B. ST2 as a Predictor of Long-Term Risk of Unplanned Readmission After Pediatric Congenital Heart Surgery

Devin Parker¹, Allen Everett², Marshall Jacobs², *Jeffrey Jacobs, *Luca Vricella³, Chirag Parikh³, Jeremiah Brown¹

¹The Dartmouth Institute for Health Policy and Clinical Practice, Lebanon, NH; ²Johns Hopkins University School of Medicine, Baltimore, MD; ³Johns Hopkins University, Baltimore, MD

7:50 am - 8:00 am

BREAK

8:00 am - 10:15 am

FIRST SCIENTIFIC SESSION

CME Credits Available: 2.25

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

*Vinod H. Thourani

8:00 AM - 8:15 AM

1. Fate of the Preserved Sinuses of Valsalva After Emergency Repair for Acute Type A Aortic Dissection

Markian Bojko¹, Maham Suhail², Joseph Bavaria³,
Andreas Habbertheuer³, Robert Hu³, Joey Harmon³,
Nimesh Desai³, Rita Milewski³, *Matthew Williams³,
Wilson Szeto³, Jana Mossey⁴, Prashanth Vallabhajosyula³

¹Drexel University College of Medicine, Philadelphia, PA; ²Rowan University, College of Osteopathic Medicine, Stratford, NJ;

³University of Pennsylvania, Philadelphia, PA; ⁴Dornsife School of Public Health, Drexel University, Philadelphia, PA

8:15 AM - 8:30 AM

2. Surgical Outcomes of Combined Neoadjuvant Atezolizumab and Chemotherapy in Resectable Non-Small Cell Lung Cancer

Richard Dubois¹, Catherine Shu¹, Lexi Cao¹, Adrian Sacher¹,
Stephanie Smith-Marrone¹, Mark Stoopler¹,

*Joshua Sonett², Frank D'Ovidio¹, Matthew Bacchetta³,
Anjali Saqi¹, Naiyernaier Rizvi¹, B. Payne Stanifer¹

¹Columbia University Medical Center, New York, NY; ²New York Presbyterian/ Columbia University, Pomona, NY; ³Vanderbilt University Medical Center, Nashville, TN

THURSDAY, NOVEMBER 7, 2019, CONTINUED**8:30 AM - 8:45 AM****3. Hypoplastic Left Heart Syndrome – Twenty Years Follow-up in Norway**Tom Hoel¹, Egil Seem¹, Britt Fredriksen¹, Sigurd Birkeland¹, Kjell Saatvedt¹, *Harald Lindberg¹¹Oslo University Hospital, Oslo, Norway**8:45 AM - 9:00 AM****4. Effect of Ascending Aorta Size on Outcomes Following the Norwood Procedure**Horacio Carvajal¹, Matthew Canter², *Pirooz Eghtesady¹¹Washington University School of Medicine, St. Louis, MO;²Washington University in St. Louis, St. Louis, MO**9:00 AM - 9:15 AM****5. Clinical Predictors of In-Hospital Mortality in Venoarterial Extracorporeal Membrane Oxygenation in Patients With Refractory Cardiogenic Shock**Navin Vigneshwar¹, Mark Lucas¹, Patrick Kohtz², Michael Bronsert³, Muhammad Masood⁴, Akinobu Itoh⁴, Michael Weyant², *Thomas Reece², *Jay Pal², Joseph Cleveland, Jr.¹, *David Fullerton², *Muhammad Aftab²¹University of Colorado, Aurora, CO; ²University of Colorado Denver, Aurora, CO; ³Adult and Child Consortium for Health Outcomes Research and Delivery Science, Aurora, CO;⁴Washington University School of Medicine, St. Louis, MO**9:15 AM - 9:30 AM****6. National Prevalence and Overall Survival of Primary Stereotactic Body Radiation Therapy for Operable Early-Stage Non-Small Cell Lung Cancer**

Rhami Khorfan, Tim Kruser, Ankit Bharat, Karl Bilimoria, David Odell

Northwestern University, Chicago, IL

9:30 AM - 9:45 AM**7. Culture of Safety Improvement in a High-Volume Cardiothoracic Surgery Center**Matthew Henn¹, Clare Ridley¹, *Hersh Maniar², Aaron Dahl³, Aaron Steinberg², Michael Avidan¹, *Ralph Damiano²,*G. Alexander Patterson², *Marc Moon²¹Washington University School of Medicine, Barnes-Jewish Hospital, St. Louis, MO; ²Washington University School of Medicine, St. Louis, MO; ³University of Chicago, Chicago, IL**9:45 AM - 10:00 AM****8. Academic Representation of Women in the Southern Thoracic Surgical Association: Evidence for Positive Change**Jacqueline Olive¹, Niki Iranpour¹, *Ourania Preventza¹, *Shanda Blackmon², *Mara Antonoff³¹Baylor College of Medicine, Houston, TX; ²Mayo Clinic, Rochester, MN; ³University of Texas, MD Anderson Cancer Center, Houston, TX**HAROLD URSCHEL HISTORY LECTURESHIP**

Moderator: John W. Hammon

10:00 AM - 10:15 AM**9. Max Brödel: Father of American Surgical Illustration Did He Help Make Cardiac Surgeons Famous?**

W. Randolph Chitwood, Jr.

East Carolina University, Greenville, NC

10:15 am - 10:30 am**BREAK – VISIT EXHIBITS****10:30 am - 12:00 pm****GENERAL SESSION**

CME Credits Available: 1.5

10:30 am - 10:55 am**President's Invited Lecturer – Decision Making in Pediatric Cardiac Surgery... The Rational or Irrational Basis for Why We Do What We Do**

James A. Quintessenza

Kentucky Children's Hospital, Lexington, KY

10:55 am - 11:20 am**President's Invited Keynote – Why BE a Cardiothoracic Surgeon... Nice Work if You Can Get It; A Life of Privilege**

Martin J. Elliott

The Great Ormond Street Hospital for Children, London, United Kingdom

11:20 am - 12:00 pm**Presidential Address – “Y”**

*Jeffrey P. Jacobs

THURSDAY, NOVEMBER 7, 2019, CONTINUED**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****2019 CARDIOTHORACIC SURGERY
JEOPARDY COMPETITION**

Round 1 (in the Exhibit Hall)

2:00 pm - 3:00 pm**SECOND SCIENTIFIC SESSION**

CME Credits Available: 1.0

Moderators: *Joseph A. Dearani and *Daniela Molena

Resident Moderator: Kimberly A. Holst

2:00 PM - 2:15 PM**10. Comparative Effectiveness of Mechanical Valves, Bioprosthetic Valves and Homografts in the Management of Complex Aortic Endocarditis**Zaid Abdelsattar, Mohamed Elsisy, *Hartzell Schaff, Kevin Greason, Richard Daly, M. Sertac Cicek, *John Stulak, *Joseph Dearani, Alberto Pochettino, Vishal Khullar, Phillip Rowse, Gabor Bagameri, Arman Arghami, Juan Crestanello
*Mayo Clinic, Rochester, MN***2:15 PM - 2:30 PM****11. Mobile Lung Screening: Should We All Get on the Bus?***Ashley Miller¹, *James Headrick¹, *Jeremy Smith¹, Olivia Morin²¹CHI Memorial Chest and Lung Cancer Center, Chattanooga, TN; ²University of Tennessee College of Medicine Chattanooga, Chattanooga, TN**2:30 PM - 2:45 PM****12. ABO Incompatible Heart Transplant in Infants - A UNOS Registry Review***Deborah Kozik¹, Jaimin Trivedi¹, Joshua Sparks¹, *Mark Slaughter¹, *Bahaaldin Alsoufi¹, *Erle Austin²¹University of Louisville, Louisville, KY; ²University of Louisville, Kosair Children's Hospital, Louisville, KY**2:45 PM - 3:00 PM****13. Preoperative Left Atrial Dimension: An Indication for Asymptomatic Mitral Valve Repair?**Tessa Watt, Alexander Brescia, Liza Rosenbloom, Haley Allgeyer, Sonali Reddy, Shannon Murray, Xiaoting Wu, *Steven Bolling
*University of Michigan, Ann Arbor, MI***3:00 pm - 3:30 pm****BREAK – VISIT EXHIBITS****2019 CARDIOTHORACIC SURGERY
JEOPARDY COMPETITION**

Round 2 (in the Exhibit Hall)

3:30 pm - 5:30 pm**THIRD SCIENTIFIC SESSION**

CME Credits Available: 2.0

Moderators: *Andrea J. Carpenter, *John H. Calhoun and *Elizabeth A. David

3:30 PM - 3:45 PM**14. The Role of Frailty in Failure to Rescue After Cardiovascular Surgery: Improved Outcomes Seen at High-Performing Cardiac Surgical Centers**Krish Dewan¹, Suparna Navale², Sameer Hirji³, Siran Koroukian², Karan Dewan¹, Lars Svensson¹, A. Marc Gillinov¹, Eric Roselli¹, Douglas Johnston¹, *Faisal Bakaeen¹, Edward Soltesz¹¹Cleveland Clinic, Cleveland, OH; ²Case Western Reserve University, Cleveland, OH; ³Brigham and Women's Hospital, Boston, MA**3:45 PM - 4:00 PM****15. Concurrent Breast and Lung Cancer is a Common Finding in Women With a History of Smoking**Tamar Nobel, Raul Caso, Giye Choe, Prasad Adusumilli, Manjit Bains, *Matthew Bott, Robert Downey, James Huang, *James Isbell, Bernard Park, Gaetano Rocco, Valerie Rusch, Smita Sihag, *David Jones, *Daniela Molena
*Memorial Sloan Kettering Cancer Center, New York, NY***4:00 PM - 4:15 PM****16. Outcomes of Tricuspid Valve Surgery in Patients with Functional Tricuspid Regurgitation**Siddharth Pahwa, Nishant Saran, Alberto Pochettino, *Hartzell Schaff, *John Stulak, Kevin Greason, Juan Crestanello, Richard Daly, M. Sertac Cicek, Katherine King, *Joseph Dearani
*Mayo Clinic, Rochester, MN***4:15 PM - 4:30 PM****17. Clinical Outcomes of Non-Cardiac Surgery Patients Requiring Postoperative ECMO**Harrison Lang, Mitchell Milanuk, John Brady, Elizabeth Lyden, *HelenMari Merritt Genore
University of Nebraska Medical Center, Omaha, NE

THURSDAY, NOVEMBER 7, 2019, CONTINUED**4:30 PM - 4:45 PM****18. Unicuspid Aortic Valve Repair Using Geometric Ring Annuloplasty**

Ming-Sing Si¹, Jennifer Romano¹, Matthew Romano¹, Nicholas Andersen², *John Conte³, *J. Scott Rankin⁴, Lawrence Wei⁴, *Vinay Badhwar⁴, *Joseph Turek²

¹University of Michigan, Ann Arbor, MI; ²Duke University, Durham, NC; ³Penn State University, Hershey, PA; ⁴West Virginia University, Morgantown, WV

4:45 PM - 5:00 PM**19V. Aortic Valve Neocuspidization (Ozaki Procedure) for Pediatric and Congenital Aortic Valve Disease**

*Damien LaPar¹, Emile Bacha²

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

5:00 PM - 5:15 PM**20. Preoperative Nutrition-Enhanced Recovery After Surgery (N-ERAS) Protocol for Thoracic Cancer Resections**

*Lary Robinson¹, Tawee Tanvetyanon¹, Deanna Grubbs¹, Noah Robinson², Christine Pierce¹, Kevin McCarthy¹, Rosemarie Garcia Getting¹, Sephalie Patel¹

¹Moffitt Cancer Center, Tampa, FL; ²Georgia Institute of Technology, Atlanta, GA

5:15 PM - 5:30 PM**21V. First Successful Implant of Endovascular Aortic Arch Device in the United States**

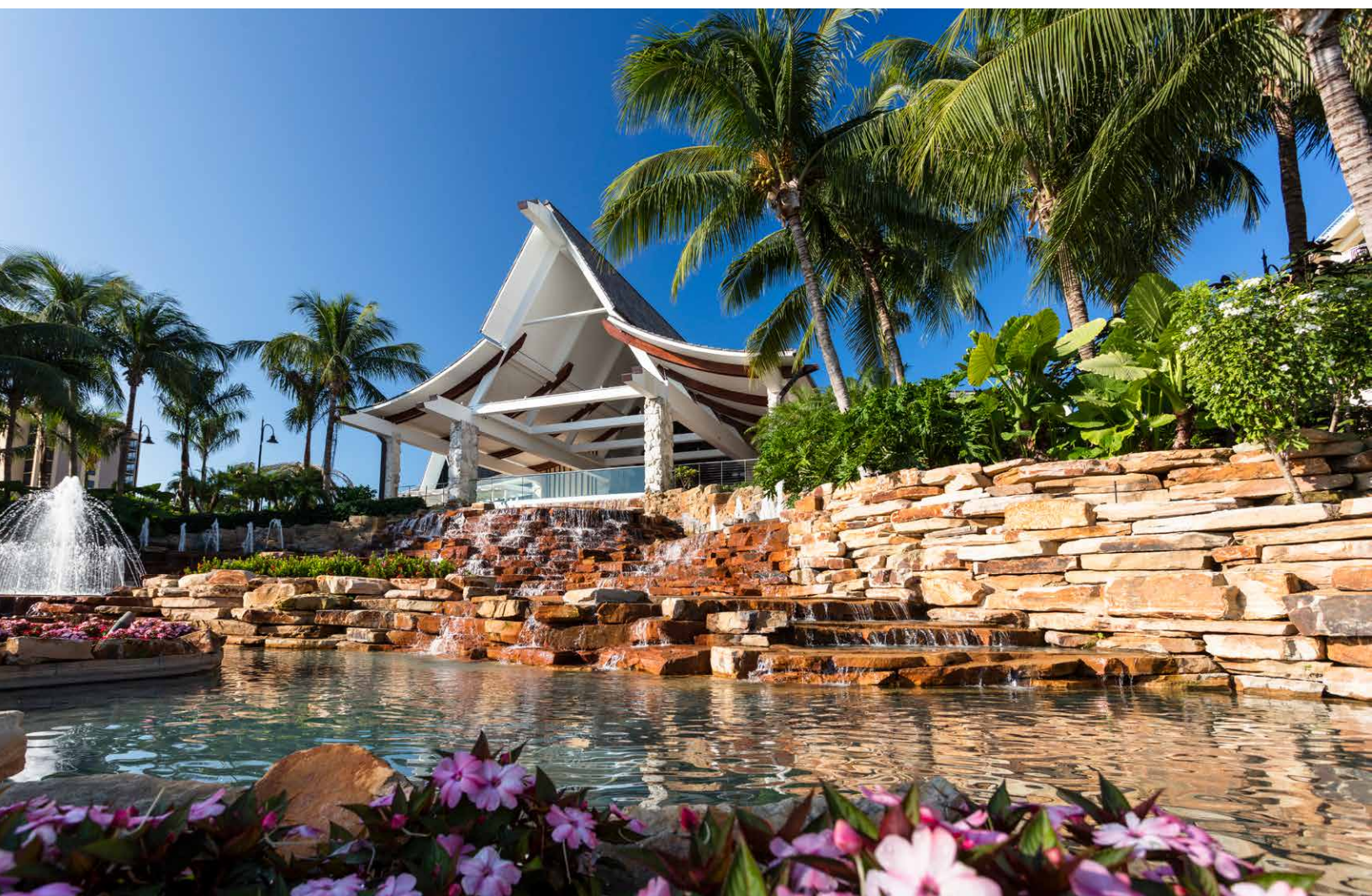
*Puja Kachroo, Rahul Handa, J. Westley Ohman, Luis Sanchez,

*Marc Moon

Washington University School of Medicine, St. Louis, MO

6:00 pm - 7:00 pm**RESIDENTS RECEPTION****7:00 pm - 9:00 pm****PRESIDENT'S MIXER**

*Indicates STSA Member V indicates STSA/CTSNet surgical video



FRIDAY, NOVEMBER 8, 2019

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: *Scott A. LeMaire and *Jennifer S. Lawton
Resident Moderator: *Erin Corsini

7:00 AM - 7:15 AM

22. Patient-Reported Outcomes at One Year Define Successful Cardiac Surgery

Eric Charles¹, *James Mehaffey¹, *Robert Hawkins¹, China Green¹, Ashley Craddock¹, Zachary Tyerman¹, Nathaniel Larson¹, *Irving Kron¹, *Gorav Ailawadi², *Benjamin Kozower³

¹University of Virginia, Charlottesville, VA; ²University of Virginia Health System, Charlottesville, VA; ³Washington University School of Medicine, St. Louis, MO

7:15 AM - 7:30 AM

23. Longer-Term Outcomes of Coronary Bypass Surgery With and Without Mitral Valve Repair in Moderate Ischemic Mitral Regurgitation

Laura Seese, Keith Dufendach, Ibrahim Sultan, Edgar Aranda-Michel, Thomas Gleason, Yisi Wang, Floyd Thoma, Arman Kilic
University of Pittsburgh Medical Center, Pittsburgh, PA

7:30 AM - 7:45 AM

24V. One Stage Repair With Primary Fistula Closure for Huge Aorto-Esophageal Fistula After TEVAR

Toshiki Fujiyoshi¹, Usman Ahmad², Kyle Miletic², Siva Raja¹, Patrick Vargo¹, Emidio Germano¹, Eric Roselli¹

¹Cleveland Clinic, Cleveland, OH; ²Cleveland Clinic Foundation, Cleveland, OH

7:45 AM - 8:00 AM

25. Development of a Readmission Risk Score for Coronary Artery Bypass Graft Surgery

Qianzi Zhang, Rohan Shah, Rodrigo Zea-Vera, *Subhasis Chatterjee, *Matthew Wall, *Todd Rosengart, *Ravi Ghanta

Baylor College of Medicine, Houston, TX

8:00 AM - 8:15 AM

26. Bicuspid Aortic Valve Repair: Causes of Valve Failure and Long Term Outcomes

Sri Harsha Patlolla, *Hartzell Schaff, *John Stulak, Hector Michelena, Nishant Saran, Katherine King, *Joseph Dearani
Mayo Clinic, Rochester, MN

8:15 AM - 8:30 AM

27V. A Transcatheter Solution for Pure Aortic Insufficiency

James Edelman¹, *Christian Shults², Lowell Satler³, I. Itsik Ben-Dor, Toby Rogers, Ron Waksman³, *Vinod Thourani²

¹Medstar Heart and Vascular Institute, Washington, DC;

²MedStar Heart and Vascular Institute/ Georgetown University School of Medicine, Washington, DC; ³MedStar Washington Hospital Center, Washington, DC

THORACIC BREAKOUT

Moderators: *Lisa M. Brown and *Stephen R. Hazelrigg
Resident Moderator: *Meghan Halub

7:00 AM - 7:15 AM

28. Outcomes Following Thoracic Metastasectomy in Patients With Metastatic Germ Cell Tumors

Raul Caso, Gregory Jones, Kay See Tan, Darren Feldman, Samuel Funt, Victor Reuter, Manjit Bains, *David Jones
Memorial Sloan Kettering Cancer Center, New York, NY

7:15 AM - 7:30 AM

29. Re-Resecting to a Negative Margin After an Initial Positive Esophagectomy Margin Enhances Progression Free Survival

Sahar Saddoughi¹, Kyle Mitchell², Kristin Fruth¹, Mark Allen¹, *K. Robert Shen¹, Francis Nichols¹, Scott Harmsen¹, *Stephen Cassivi¹, Dennis Wigle¹, Jim Taswell¹, Taofic Mounajjed¹, *Garrett Walsh², *Reza Mehran², *Wayne Hofstetter², *Stephen Swisher², Jack Roth², *Boris Sepesi², *Ara Vaporicyan², *David Rice², *Mara Antonoff², *Shanda Blackmon¹

¹Mayo Clinic, Rochester, MN; ²University of Texas, MD Anderson Cancer Center, Houston, TX

7:30 AM - 7:45 AM

30V. Resection and Reconstruction of Primary Adenoid Cystic Carcinoma of the Trachea

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

7:45 AM - 8:00 AM

31. A Pathway for Obstructing Esophageal Cancer Facilitates Care

*Nicholas Tingquist¹, *Jason Muesse², Kevin Sexton², *Matthew Steliga¹

¹University of Arkansas, Little Rock, AR; ²University of Arkansas for Medical Sciences, Little Rock, AR

FRIDAY, NOVEMBER 8, 2019, CONTINUED**8:00 AM - 8:15 AM****32V. Robotic Sleeve Resection of the Airway: Technical Considerations and Mid-Term Results**Travis Geraci¹, Dana Ferrari-Light², *Robert Cerfolio¹¹New York University, New York, NY; ²NYU Langone Health, New York, NY**8:15 AM - 8:30 AM****33. Analysis of a Statewide Narcotic Reporting Database Identifies High Prevalence of Long-term Opioid Dependence After Resection for Lung Cancer**Nick Levinsky¹, Matthew Byrne¹, Alexander Cortez², Rachel Beaupre¹, Julian Guitron¹, Sandra Starnes¹, Robert Van Haren¹¹University of Cincinnati College of Medicine, Cincinnati, OH;²Cincinnati Research on Outcomes and Safety in Surgery (CROSS), Cincinnati, OH**CONGENITAL BREAKOUT**Moderators: *James J. Gangemi and *James D. St. Louis
Resident Moderator: Erik Scott**7:00 AM - 7:15 AM****34. Incidence of Reintervention Following Aortic Arch Repair Using a Tailored Autologous Pericardial Patch**

Harris Glenn, Muhammad Owais Abdul Ghani, Muhammad Aanish Raees, Chevis Shannon, George Nicholson, *David Bichell

Vanderbilt University Medical Center, Nashville, TN

7:15 AM - 7:30 AM**35V. Resuscitating the PTFE Graft-to-Innominate Artery After Neonatal Arch Reconstructions: Straightforward Access for Arterial Cannulation During Stage II Palliation or Pulmonary Artery Debanding + Complete Repair in Infancy***Ali Dodge-Khatami¹, Jannika Dodge-Khatami¹, Robert Hanfland¹, *Raina Sinha², *Jorge Salazar³¹UT Health at Houston/ Children's Memorial Hermann Hospital, Houston, TX; ²University of Texas Health Science Center at Houston, Houston, TX; ³McGovern Medical School at UTHealth, Houston, TX**7:30 AM - 7:45 AM****36. Bidirectional Glenn Procedure in Patients Less Than 3 Months of Age: A 14 Year Experience With Stage II Palliation**

Melita Viegas, Carlos-Eduardo Diaz, Mario Castro-Medina, Luciana Da Fonseca Da Silva, *Victor Morell

UPMC Children's Hospital of Pittsburgh, Pittsburgh, PA

7:45 AM - 8:00 AM**37. Establishing Biventricular Circulation in Interrupted Aortic Arch and Ventricular Septal Defect With Small Aortic Annulus**Demetrios Mallios, W. Hampton Gray, Winfield Wells, Vaughn Starnes, Ram Kumar Subramanyan
University of Southern California, Los Angeles, CA**8:00 AM - 8:15 AM****38. Autograft Failure After the Ross Procedure and its Reoperation**Yuki Nakayama, Takeshi Shinkawa, Goki Matsumura, Ryogo Hoki, Kei Kobayashi, Hiroshi Niinami
Tokyo Women's Medical University, Tokyo, Japan**8:15 AM - 8:30 AM****39. Impact of Preoperative Aortic Valve Leaflet Morphology on Re-Intervention Rates Following Ross Operation in Children**Govinda Paudel¹, *Christopher Knott-Craig¹, John Sun¹, Jonathan Rho¹, Tiffany Street², Xinhua Yu³, *Umar Boston²¹University of Tennessee Health Science Center, Memphis, TN;²Le Bonheur Children's Hospital, Memphis, TN; ³University of Memphis, Memphis, TN**8:30 am - 9:00 am****BREAK - VISIT EXHIBITS****9:00 am - 10:00 am****FOURTH SCIENTIFIC SESSION B - RAPID FIRE ABSTRACT PRESENTATIONS**

Simultaneous Adult Cardiac, Thoracic, and Congenital Breakout Sessions

CME Credits Available: 1.0

ADULT CARDIAC BREAKOUTModerators: *Vinay Badhwar and *J. Michael DiMaio
Resident Moderator: Darrell Wu**9:00 AM - 9:05 AM****40. Contemporary Experience With the Use or Repair of Homografts in 97 Proximal Aortic Repairs***Joseph Coselli¹, Hiruni Amarasekara², Matt Price², Susan Green², *Ourania Preventza², *Scott LeMaire²¹Baylor College of Medicine, Texas Heart Institute, Houston, TX;²Baylor College of Medicine, Houston, TX

FRIDAY, NOVEMBER 8, 2019, CONTINUED

9:05 AM - 9:10 AM

41. Predictors and Outcomes of Stroke After Transcatheter Aortic Valve Replacement

Sarah Hatfield¹, Taylor James², Mark Rothenberg¹, Arvind Kapilla¹, Cristiano Faber¹, Marcos Nores¹, Sotiris Stamou¹

¹JFK Medical Center, Atlantis, FL; ²University of Miami Miller School of Medicine, Miami, FL

9:10 AM - 9:15 AM

42. Transfusion in Elective Aortic Root Replacement: Analysis of the STS Adult Cardiac Surgery Database

Jonathan Hemli¹, S Jacob Scheinerman¹, Martin Lesser², Seungjun Ahn², Efstathia Mihelis¹, Lynda Jahn³, Nirav Patel¹, Derek Brinster¹

¹Lenox Hill Hospital/ Northwell Health, New York, NY; ²Feinstein Institute for Medical Research/ Northwell Health, Manhasset, NY; ³Northwell Health, Manhasset, NY

9:15 AM - 9:20 AM

43. Significance of Severe Diastolic Dysfunction and Pulmonary Hypertension on Outcomes in Aortic Valve Replacement Surgery

Tom Liu¹, Mira Tanenbaum¹, Claire Seo¹, John Lystash², Mark Joseph², *William Arnold²

¹Virginia Tech Carilion School of Medicine, Roanoke, VA; ²Carilion Clinic, Roanoke, VA

9:20 AM - 9:25 AM

44. Long-Term Economic Follow-Up of Distant Referral for Degenerative Mitral Valve Disease

Alexander Brescia¹, Michael Paulsen², Tessa Watt¹, Liza Rosenbloom¹, Alexander Wisniewski³, Wallace Hopp⁴, *Steven Bolling¹

¹University of Michigan, Ann Arbor, MI; ²Stanford University, Stanford, CA; ³University of Toledo, Toledo, OH; ⁴University of Michigan Ross School of Business, Ann Arbor, MI

9:25 AM - 9:30 AM

45. Burden and Impact of Tricuspid Regurgitation in Patients Undergoing Coronary Artery Bypass Grafting

William Chancellor¹, Jared Beller¹, Nathan Haywood², *James Mehaffey¹, *Alan Speir³, Mohammed Quader⁴, *Leora Yarboro¹, *Nicholas Teman¹, *Gorav Ailawadi²

¹University of Virginia, Charlottesville, VA; ²University of Virginia Health System, Charlottesville, VA; ³INOVA Heart and Vascular Institute, Falls Church, VA; ⁴Virginia Commonwealth University, Richmond, VA

9:30 AM - 9:35 AM

46. National Trends in Racial and Ethnic Differences for CABG versus PCI Treatment of Coronary Artery Disease

Rohan Shah, Rodrigo Zea-Vera, Qianzi Zhang, *Subhasis Chatterjee, *Matthew Wall, *Todd Rosengart, *Ravi Ghanta
Baylor College of Medicine, Houston, TX

9:35 AM - 9:40 AM

47. Cardiac Surgery and Postoperative Allograft Failure in Renal Transplantation Recipients

*James Mace, Rongbing Xie, Luqin Deng, Ammar Asban, Wesley Kim, *Sara Pereira, *James Kirklin, *James Davies
University of Alabama at Birmingham, Birmingham, AL

9:40 AM - 9:45 AM

48. Monitoring Anticoagulation in Patients on Extracorporeal Membrane Oxygenation: Back to the Basics

Jolian Dahl, Jared Beller, Dustin Money, William Chancellor, *James Mehaffey, Surabhi Palkimas, Matthew Morrisette, Yiyu Zhao, *Leora Yarboro, *Nicholas Teman
University of Virginia, Charlottesville, VA

9:45 AM - 9:50 AM

49. Does Elective Sternal Plating In BMI > 35 Patients Reduce Sternal Complication Rates?

Carmen Tugulan¹, *Aditya Bansal², *Michael Bates², *Nathan Zwintscher¹, Stephen Spindel², *William Smith¹, *Patrick Parrino³

¹Ochsner Medical Center, New Orleans, LA; ²Ochsner Health Systems, New Orleans, LA; ³Ochsner Clinic Foundation, New Orleans, LA

THORACIC BREAKOUT

Moderators: *Alejandro Bribiesco and *Hugh van Gelder
Resident Moderator: Dean Schraufnagel

9:00 AM - 9:05 AM

50. Prolonged Operative Time for Pulmonary Lobectomy Predicts Worse Outcomes and Lower Value

Travis Geraci¹, Dana Ferrari-Light², Chao Song³, Daniel Oh⁴, *Robert Cerfolio¹

¹New York University, New York, NY; ²NYU Langone Health, New York, NY; ³Intuitive Surgical, Sunnyvale, CA; ⁴Keck School of Medicine of the University of Southern California, Los Angeles, CA

FRIDAY, NOVEMBER 8, 2019, CONTINUED

9:05 AM - 9:10 AM

51. Clinical Outcomes of Lung Transplants From Donors With Unexpected Pulmonary Embolism

Yuriko Terada¹, Tsuyoshi Takahashi², Ruben Nava³, Ramsey Hachem³, Michael Pasque³, *Benjamin Kozower³, *G. Alexander Patterson³, *Bryan Meyers³, Derek Byers³, Chad Witt³, Esther Lu³, Patrick Aguilar³, *Daniel Kreisel³, Varun Puri³

¹Japanese Red Cross Medical Center, Tokyo, Japan; ²Barnes-Jewish Hospital, St. Louis, MO; ³Washington University School of Medicine, St. Louis, MO

9:10 AM - 9:15 AM

52. Outcomes Following Lobar and Sublobar Resection for Clinical Stage 1 Non-Small Cell Lung Cancer in Women

William Phillips¹, Ritu Gill², Emanuele Mazzola³, Julee Armitage⁴, Claire de Forcrand¹, Yolonda Colson⁴, *Barry Gibney⁵

¹Brigham and Women's Hospital, Boston, MA; ²Beth Israel Deaconess Medical Center, Boston, MA; ³Dana-Farber Cancer Institute, Boston, MA; ⁴Massachusetts General Hospital, Boston, MA; ⁵Medical University of South Carolina, Charleston, SC

9:15 AM - 9:20 AM

53. Reoperative Pectus Repair in Adults Using Biomaterials

Daniel L. Miller

WellStar Health System, Marietta, GA

9:20 AM - 9:25 AM

54. Predictors of Use and Survival in Old Donor Lung Transplant: An Analysis of the UNOS Registry

Ashley Choi¹, Oliver Jawitz², Vignesh Raman², *Jacob Klapper², *Matthew Hartwig³

¹Duke University School of Medicine, Durham, NC; ²Duke University Medical Center, Durham, NC; ³Duke University, Durham, NC

9:25 AM - 9:30 AM

55. The Ideal Approach for Clinical Locally Advanced Esophageal Cancer - Neoadjuvant vs Adjuvant Strategy: An Analysis of 11,364 Patients in the National Cancer Database (NCDB)

Binhao Huang, Jie Zhang, *Arjun Pennathur, James Luketich
University of Pittsburgh Medical Center, Pittsburgh, PA

9:30 AM - 9:35 AM

56. An Assessment of the Opportunity for Clinical Variation Reduction in Propensity Matched Patients Treated for Malignant Pleural Effusion

*Richard Freeman¹, *Anthony Ascoti², Vijay Nuthakki³

¹St. Vincent's Health and Hospital System, Indianapolis, IN; ²St. Vincent Medical Group, Indianapolis, IN; ³St Vincent Health, Indianapolis, IN

9:35 AM - 9:40 AM

57. Risk Factors for Non-Home Discharge After Esophagectomy

Christopher Heid, Mitri Khoury, *Tracy Geoffrion, Alberto De Hoyos

University of Texas Southwestern Medical Center, Dallas, TX

9:40 AM - 9:45 AM

58. Rib Plating Offers Favorable Outcomes in Patients with Chronic Non-Union of Prior Rib Fractures

Kerrie Buehler, Candice Wilshire, Adam Bograd, Eric Vallieres
Swedish Cancer Institute, Seattle, WA

9:45 AM - 9:50 AM

59. Minimum Volume Standards for Surgical Care of Early Stage Lung Cancer: A Cost-Effectiveness Analysis

*Melanie Subramanian¹, Su-Hsin Chang¹, Zhang Jianrong², Daniel Willis¹, *Tara Semenkovich¹, Brendan Heiden¹,

*Benjamin Kozower¹, *Daniel Kreisel¹, *Bryan Meyers¹, Ruben Nava¹, *G. Alexander Patterson¹, Varun Puri¹

¹Washington University School of Medicine, St. Louis, MO;

²Brown School at Washington University, St. Louis, MO

CONGENITAL BREAKOUT

Moderators: Emile A. Bacha and *Joseph A. Dearani
Resident Moderator: Elizabeth Stephens

9:00 AM - 9:05 AM

60. Evolution and Current Results of a Unified Strategy for Sinus Venosus Surgery

Elizabeth Stephens, Michael Monge, Osama Eltayeb, Angira Patel, Gregory Webster, Cynthia Rigsby, *Carl Backer
Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

9:05 AM - 9:10 AM

61. Right Ventricular Outflow Tract Reconstruction in Patients With Truncus Arteriosus: A 37-Year Experience

Jeremy Herrmann¹, Emilee Larson¹, Christopher Mastropietro¹, Mark Rodefeld¹, Mark Turrentine¹,

*John Brown²

¹Indiana University School of Medicine, Indianapolis, IN; ²Indiana University, Indianapolis, IN

FRIDAY, NOVEMBER 8, 2019, CONTINUED**9:10 AM - 9:15 AM****62. Antibiotic Prophylaxis in Children Undergoing Delayed Sternal Closure: Foundations for Standardization of Practice**John Kennedy, III¹, Olivia DiLeonardo², *Jennifer Nelson²¹University of Central Florida College of Medicine, Orlando, FL;²Nemours Children's Hospital, Orlando, FL**9:15 AM - 9:20 AM****63. Efforts to Reduce Infections in Delayed Sternal Closure Patients: A Survey of Pediatric Practice**Cathy Woodward¹, Richard Taylor¹, Roozbeh Taeed², Minnette Son³, *S. Adil Husain⁴¹UT Health San Antonio, San Antonio, TX; ²Dell Medical School, University of Texas at Austin, Austin, TX; ³Children's Mercy Hospital, UMKC School of Medicine, Kansas City, MO;⁴University of Utah Health/ Primary Children's Hospital, Salt Lake City, UT**9:20 AM - 9:25 AM****64. Minimally Invasive, Sternal-Sparing Approaches for Congenital Heart Disease: Versatile, Safe and Effective**Zoe Hinton¹, James Meza², Alyssa Habermann³, Nicholas Andersen³, *Mani Daneshmand², John Haney³,*Joseph Turek³¹Duke University School of Medicine, Durham, NC; ²Duke University Medical Center, Durham, NC; ³Duke University, Durham, NC**9:25 AM - 9:30 AM****65. The Intraoperative Use of Recombinant Activated Factor VII in Arterial Switch Operations**Ziyad Binsalamah¹, Christopher Ibarra², Zachary Spigel¹, Jessica Zink², *Carlos Mery³, Erin Gottlieb², *Charles Fraser²,*Jeffrey Heinle¹¹Texas Children's Hospital/ Baylor College of Medicine, Houston, TX; ²Texas Children's Hospital, Houston, TX; ³University of Texas Dell Medical School, Austin, TX**9:30 AM - 9:35 AM****66. Early Results of Less Than 5 mm RV to PA Conduits for Neonatal Palliation of Single Ventricle Lesions***Raina Sinha¹, *Ali Dodge-Khatami², *Jorge Salazar³¹University of Texas Health Science Center at Houston, Houston, TX; ²UT Health at Houston/ Children's Memorial Hermann Hospital, Houston, TX; ³McGovern Medical School at UTHealth, Houston, TX**9:35 AM - 9:40 AM****67. Evaluating Surgical Treatment Strategies for Congenital Hypertrophic Cardiomyopathy: A 30 Year Experience***Damien LaPar¹, Eliana Al Haddad², Meredith Pesce³, David Kalfa¹, Teresa Lee¹, Emile Bacha⁴, Warren Zuckerman¹¹Columbia University College of Physicians and Surgeons, New York, NY; ²Columbia University Medical Center, New York, NY;³New York Presbyterian/ Columbia University, New York, NY;⁴Columbia University College of Physicians and Surgeons, Weill Cornell College of Medicine, New York, NY**9:40 AM - 9:45 AM****68. Valve Sparing Aortic Root Replacement in Teenagers and Young Adults With Aortic Root Aneurysms and Bicuspid Aortic Valves**Amy Lie¹, Salil Ginde², Peter Bartz², Michael Earing², Scott Cohen², Jennifer Gerardin², William Johnson²,*Michael Mitchell²¹Medical College of Wisconsin, Milwaukee, WI; ²Children's Hospital of Wisconsin, Milwaukee, WI**9:45 AM - 9:50 AM****69. Outcomes of Shone's Complex Surgery; A Single Center Experience**Ahmed Elmahrouk¹, Mohamed Ismail², Amr Arafat³, Tamer Hamouda⁴, Abdelmonem Helal¹, Ahmed Dohain⁵, Osman Al-Radi⁶, Ahmed Jamjoom¹¹King Faisal Specialist Hospital & Research Center, Riyadh, Saudi Arabia; ²Mansoura University, Mansoura, Egypt; ³Faculty of Medicine Tanta University, Tanta, Egypt; ⁴Benha University, Benha, Egypt; ⁵Cairo University, Cairo, Egypt; ⁶King Abdulaziz University, Jeddah, Saudi Arabia**10:00 am - 10:30 am****BREAK - VISIT EXHIBITS****2019 CARDIOTHORACIC SURGERY JEOPARDY COMPETITION**

Final Round (in the Exhibit Hall)

10:30 am - 12:00 pm**GENERAL SESSION: DIVERSITY, HISTORY, AND ADVOCACY**

CME Credits Available: 1.5

Moderators: *Shanda H. Blackmon, *Jeffrey P. Jacobs, and

*Vinod H. Thourani

10:30 am - 10:50 am**DIVERSITY: KENT TRINKLE EDUCATION LECTURESHIP****Education and Diversity in Cardiothoracic Surgery**

*Robert S.D. Higgins

Johns Hopkins University School of Medicine, Baltimore, MD

FRIDAY, NOVEMBER 8, 2019, CONTINUED**10:50 am – 11:20 am****HISTORY: MEDICAL ILLUSTRATION IN THE ERA OF CARDIAC SURGERY****70. Medical Illustration in the Era of Cardiac Surgery**

*Constantine Mavroudis

*Johns Hopkins University School of Medicine, St. Petersburg, FL***11:20 am – 12:00 pm****ADVOCACY: WHY PROFESSIONAL ADVOCACY IS IMPORTANT TO ME****11:20 am – 11:35 am**

*Keith S. Naunheim

*St. Louis University, St. Louis, MO***11:35 am – 11:50 am**

*John E. Mayer, Jr.

*Boston Children's Hospital, Boston, MA***11:50 am – 12:00 pm****Open Discussion****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 – 2:30 pm****FOURTH SCIENTIFIC SESSION C**

Simultaneous Adult Cardiac, Thoracic, Adult Congenital and ECMO/Transplant Breakout Sessions

CME Credits Available: 1.0

ADULT CARDIAC BREAKOUT

Moderators: *Ourania Preventza and *T. Brett Reece

Resident Moderator: Carmen Tugulan

1:30 pm – 1:45 pm**71. Impact of Endovascular False Lumen Embolization on Thoracic Aortic Remodeling in Chronic Dissection**

Kyle Miletic¹, Bogdan Kindzelski², Kevin Hodges², Jocelyn Beach², Michael Tong², *Faisal Bakaeen², Douglas Johnston², Eric Roselli²

¹Cleveland Clinic Foundation, Cleveland, OH; ²Cleveland Clinic, Cleveland, OH

1:45 pm – 2:00 pm**72. Coronary Ostia Management During Aortic Root Replacement: Is the Modified Cabrol Reattachment Inferior to the Carrel Button?**

Akiko Tanaka¹, Zain Al Rstum², Nicolas Zhou¹, Kenton Rommens³, Harleen Sandhu³, Charles Miller¹, *Hazim Safi¹, *Anthony Estrera¹

¹McGovern Medical School at UTHealth, Houston, TX;

²The University of Texas Health Science Center at Houston, Houston, TX; ³University of Texas Health Science Center at Houston, Houston, TX

2:00 pm – 2:15 pm**73. Further Evidence for Abandoning Lumbar Drain Placement for Isolated Descending Thoracic Endovascular Aortic Repair**

Soraya Voigt¹, Jatin Anand¹, Vignesh Raman², Oliver Jawitz², *Ryan Plichta¹, *Jeffrey Gaca¹, Richard McCann¹, *G. Chad Hughes²

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

2:15 pm – 2:30 pm**74V. Aortic Valve Repair and Selective Sinus Remodeling for Aortic Root Aneurysm**

*Richard Downey¹, Scott Weaver², *J. Scott Rankin³, *Vinay Badhwar³

¹University of Michigan, Ann Arbor, MI; ²Corazon Medical, Columbus, OH; ³West Virginia University, Morgantown, WV

THORACIC BREAKOUT

Moderators: *Melanie A. Edwards and *Erin A. Gillaspie
Resident Moderator: *Alejandro Murillo Berlioz

1:30 pm – 1:45 pm**75. Signet Ring Cell Histology Confers Worse Overall Survival in Treated Esophageal Adenocarcinoma**Andrew Tang¹, Jesse Rappaport¹, Siva Raja²,*Alejandro Bribriesco², Hafiz Umair Siddiqui¹, DanielRaymond², Davendra Sohal¹, Sudish Murthy², Usman Ahmad¹

¹Cleveland Clinic Foundation, Cleveland, OH; ²Cleveland Clinic, Cleveland, OH

1:45 pm – 2:00 pm**76. VATS Lobectomy is Not Dead— Improved Long-Term Postoperative Quality of Life Metrics After VATS Lobectomy Compared to Robotic-Assisted Lobectomy**

Aaron Williams¹, Tyler Grenda¹, Lili Zhao¹, Ben Biesterveld¹, Umar Bhatti¹, *Philip Carrott, Jr.², William Lynch¹, Jules Lin¹, Kiran Lagisetty¹, *Andrew Chang³, Rishindra Reddy¹

¹University of Michigan, Ann Arbor, MI; ²Baylor College of Medicine, Houston, TX; ³University of Michigan Health System, Ann Arbor, MI

FRIDAY, NOVEMBER 8, 2019, CONTINUED**2:00 pm - 2:15 pm****77V. Basilar Thoracoscopic Segmentectomy for Lobar & Extralobar Sequestration With Bochdalek Hernia Repair**

*Shanda Blackmon, Johnathan Aho, Sahar Saddoughi
Mayo Clinic, Rochester, MN

2:15 pm - 2:30 pm**78. Lymph Node Assessment in Surgery for Limited Stage Small Cell Lung Cancer**

A. Justin Rucker, Vignesh Raman, Oliver Jawitz,
 *Thomas D'Amico, *David Harpole
Duke University Medical Center, Durham, NC

ADULT CONGENITAL BREAKOUT

Moderators: Stephanie Fuller and *Jennifer S. Nelson
 Resident Moderator: *Shawn Shah

1:30 pm - 1:45 pm**79. Mid-Term Outcomes of a Novel Trans-Conal Approach to Anomalous Aortic Origin of Left Main Coronary Artery Arising From Right Coronary Sinus With Extended Trans-Septal Course**

Hani Najm¹, Tara Karamlou¹, Munir Ahmad², Saad Hasan¹,
 *Robert Stewart¹, Joanna Ghobrial¹, David Majdalan¹,
 Yezan Salam³, Gosta Pettersson¹
¹Cleveland Clinic, Cleveland, OH; ²Cleveland Clinic Foundation, Cleveland, OH; ³Alfaisal University, Riyadh, Saudi Arabia

1:45 pm - 2:00 pm**80. Anomalous Origin of the Right Coronary Artery From the Pulmonary Artery: Analysis of 192 Published Cases With a Proposed Classification System**

Timothy Guenther¹, Curtis Wozniak², Gary Raff¹
¹University of California Davis, Davis, CA; ²University of California San Francisco, San Francisco, CA

2:00 pm - 2:15 pm**81V. Right Video-Assisted Thoracoscopic Surgical Division of Aberrant Right Subclavian Artery and Right Subclavian-Carotid Transposition**

Christian Ghincea¹, Yuki Ikeno¹, Michael Weyant²,
 John Mitchell³, *Muhammad Aftab², *Thomas Reece²
¹University of Colorado, Aurora, CO; ²University of Colorado Denver, Aurora, CO; ³University of Colorado School of Medicine, Aurora, CO

2:15 pm - 2:30 pm**82V. Bentall and Redo-Konno Operation for an Adult With Aortic Para-Prosthetic Leak With Root Aneurysm**

Takeshi Shinkawa, Yuki Nakayama, Ryogo Hoki,
 Kei Kobayashi, Tomohiro Nishinaka, Hiroshi Niinami
Tokyo Women's Medical University, Tokyo, Japan

ECMO/TRANSPLANT BREAKOUT

Moderators: *Christine L. Lau and *Ezequiel J. Molina
 Resident Moderator: Walker Julliard

1:30 pm - 1:45 pm**83. Hospital Cost and Resource Utilization Are Similar for ECMO Irrespective of Cannulation Strategy**

Karen Walker, Kunal Kotkar, Marci Damiano, *Ralph Damiano,
 *Marc Moon, Akinobu Itoh, Muhammad Masood
Washington University School of Medicine, St. Louis, MO

1:45 pm - 2:00 pm**84. High Center Volume May Partially Mitigate the Increased Mortality Associated With Pre-Transplant Admission Status in Lung Transplant Recipients**

Neel Ranganath¹, Travis Geraci², Stacey Chen¹, Deane Smith¹,
 Bonnie Lonze³, Melissa Lesko¹, Luis Angel¹, Zachary Kon¹
¹NYU Langone Health, New York, NY; ²New York University, New York, NY; ³NYU Langone Transplant Institute, New York, NY

2:00 pm - 2:15 pm**85. Comparison of Heart Transplantation Survival Outcomes of HIV Seropositive Recipients to Seronegative Recipients Using Propensity Score Matching**

*Julie Doberne¹, Oliver Jawitz², Vignesh Raman², Benjamin Bryner¹, Jacob Schroder¹, *Carmelo Milano¹
¹Duke University, Durham, NC; ²Duke University Medical Center, Durham, NC

2:15 pm - 2:30 pm**86. Nighttime Operation is Associated With Adverse Outcomes After Lung Transplantation**

Zhizhou Yang¹, Tsuyoshi Takahashi², Christy Hamilton¹,
 *Melanie Subramanian¹, *Bryan Meyers¹, *Benjamin Kozower¹,
 *G. Alexander Patterson¹, Ruben Nava¹, Michael Pasque¹,
 Ramsey Hachem¹, Chad Witt¹, Patrick Aguilar¹, Derek Byers¹,
 *Daniel Kreisel¹, Varun Puri¹
¹Washington University School of Medicine, St. Louis, MO;
²Barnes-Jewish Hospital, St. Louis, MO

FRIDAY, NOVEMBER 8, 2019, CONTINUED**2:30 pm - 3:00 pm****BREAK – VISIT EXHIBITS****3:00 pm - 4:00 pm****FIFTH SCIENTIFIC SESSION**

CME Credits Available: 1.0

Moderators: *John H. Calhoon, *Robert J. Cerfolio, and
*Alan M. Speir**3:00 pm - 3:30 pm****Update on Maintenance of Certification of the
American Board of Thoracic Surgery**

*Joe B. Putnam, Jr.

Baptist MD Anderson Cancer Center, Jacksonville, FL

*Stephen C. Yang

*Johns Hopkins Medical Institutions, Baltimore, MD***3:30 pm - 3:45 pm****87. Blades of Glory: An Unsung Capitol Giant**Alexander Yang¹, *Stephen Yang²¹George Washington University School of Medicine; ²Johns
Hopkins Medical Institutions**3:45 pm - 4:00 pm****88. The First and Only Carolyn Reed**

*Shanda Blackmon

*Mayo Clinic, Rochester, MN***4:00 pm - 4:45 pm****STSA ANNUAL BUSINESS MEETING**

Members Only

*All new STSA Members are required to attend.

7:00 pm - 10:00 pm**DINNER GALA****7:00 pm - 7:30 pm****Reception****7:30 pm - 10:00 pm****Dinner Gala****SATURDAY, NOVEMBER 9, 2019****7:00 am - 7:50 am****STS CODING WORKSHOP****8:00 am - 10:00 am****STSA POSTGRADUATE BREAKFAST SESSION**

CME Credits Available: 2.0

GENERAL SESSION**CHARITY, INNOVATION, and QUALITY**Moderators: *Shanda H. Blackmon, *Jeffrey P. Jacobs,
*Vinod H. Thourani**8:00 am - 8:30 am****CHARITY: Charitable Cardiothoracic Surgery**

*Joseph A. Dearani

*Mayo Clinic, Rochester, MN***8:30 am - 8:40 am****Open Discussion****8:40 am - 9:10 am****INNOVATION: A Conversation with a Legend:**

*Duke E. Cameron

*Massachusetts General Hospital, Boston, MA***Interviewed by:**

Marshall L. Jacobs

Johns Hopkins Cardiac Surgery, Baltimore, MD and;

*Luca A. Vricella

*University of Chicago, Chicago, IL***9:10 am - 9:20 am****Open Discussion****9:20 am - 9:50 am****QUALITY: A Surgeon Reflects on the First Four
Decades of the Quality Era**

David M. Shahian

*Massachusetts General Hospital, Boston, MA***9:50 am - 10:00 am****Open Discussion****10:00 am****MEETING ADJOURNED**

NEW! SCIENTIFIC POSTERS*



New in 2019, scientific posters will be on display in the meeting space foyer during the course of the meeting. Stop by during a scheduled break to review the following posters:

ADULT CARDIAC SURGERY POSTERS

AC-P1. Predictors of New Persistent Opioid Use After Aortic and Mitral Valve Surgery

Kathleen Clement¹, Joseph Canner¹, Glenn Whitman²,
*Jennifer Lawton³, Michael Grant¹, Marc Sussman¹

¹Johns Hopkins University School of Medicine, Baltimore, MD;

²Johns Hopkins University, Baltimore, MD; ³Johns Hopkins, Baltimore, MD

AC-P2. Progression of Aortic Insufficiency Following Left Ventricular Assist Device Implantation: Predictors and Impact on Clinical Outcomes

Hiroshi Kagawa, Edgar Aranda-Michel, Robert Kormos,
Mary Keebler, Gavin Hickey, Yisi Wang, Michael Mathier,
Arman Kilic

University of Pittsburgh Medical Center, Pittsburgh, PA

AC-P3. Minimal Invasive Versus Conventional Coronary Artery Bypass Grafting: A Multi-Institutional Assessment of Cost and Outcomes

*James Mehaffey¹, *Robert Hawkins¹, Eric Charles¹,
*Alan Speir², Mohammed Quader³, *Gorav Ailawadi⁴,
*Nicholas Teman¹

¹University of Virginia, Charlottesville, VA; ²INOVA Heart and Vascular Institute, Falls Church, VA; ³Virginia Commonwealth University, Richmond, VA; ⁴University of Virginia Health System, Charlottesville, VA

AC-P4. Safety of Non-Vitamin K Anticoagulants Versus Warfarin Following Cardiac Surgery Via Sternotomy

Winborne Hamlin¹, Alayna Garcia¹, Bonnie Punske¹,
Vincent VanBuren², Faraz Kerendi¹

¹Cardiothoracic & Vascular Surgeons, PA, Austin, TX; ²Texas A&M College of Medicine, Bryan, TX

AC-P5. Contemporary Trends and Midterm Outcomes in Mitral Valve Repair for Degenerative Mitral Valve Disease: Ring vs. Band

Patrick Chan, Laura Seese, Arman Kilic, Christopher Sciortino,
Ibrahim Sultan, Thomas Gleason, *Danny Chu

University of Pittsburgh Medical Center, Pittsburgh, PA

AC-P6. Are Surgeons Still Needed in Transcatheter Aortic Valve Replacement

Spencer Melby¹, *Puja Kachroo¹, Marci Damiano¹,
Marc Sintek¹, Alan Zajarias¹, John Lasala¹, Nishath Quader²,
*Ralph Damiano¹, *Hersh Maniar¹

¹Washington University School of Medicine, St. Louis, MO;

²Washington University in St. Louis, St. Louis, MO

AC-P7. Treatment Effect of Concomitant Tricuspid Valve Operation for Tricuspid Valve Regurgitation at the Time of Pericardiectomy for Constrictive Pericarditis

Rolando Calderon-Rojas, Kevin Greason, Katherine King,
Sushil Luis, Jae Oh, *John Stulak, Richard Daly,
*Joseph Dearani, *Hartzell Schaff

Mayo Clinic, Rochester, MN

AC-P8. Tricuspid Annuloplasty With Edge-to-Edge Repair is Effective for Severe Tricuspid Regurgitation

Matthew Byler¹, Jared Beller¹, William Chancellor¹,
*Robert Hawkins¹, *James Mehaffey¹, *Nicholas Teman¹,
*Irving Kron¹, *Leora Yarboro¹, *Gorav Ailawadi²

¹University of Virginia, Charlottesville, VA; ²University of Virginia Health System, Charlottesville, VA

AC-P9. Partial Aortic Root Remodeling for Root Reconstruction in Patients With Acute Type A Dissection

*Michael Carmichael¹, Xin Chen²

¹Nanjing First Hospital Heart and Vascular Institute, Nanjing, China; ²Nanjing First Hospital, Jiangsu, China

CONGENITAL POSTERS

CONG-P1. Surgical Time of Day Does Not Negatively Impact Patient Outcomes and Hospital Resource Utilization for Congenital Heart Surgery

Ariela Zenilman¹, David Blitzer², Emile Bacha³, David Kalfa⁴, *Paul Chai⁵, *Damien LaPar⁴, Brett Anderson²

¹Columbia Medical Center, New York, NY; ²Columbia University Medical Center, New York, NY; ³Columbia University College of Physicians and Surgeons, Weill Cornell College of Medicine, New York, NY; ⁴Columbia University College of Physicians and Surgeons, New York, NY; ⁵Morgan Stanley Children's Hospital of New York/ Columbia University Medical Center, Ridgewood, NJ

CONG-P2. Postoperative Surveillance and Clearance Following Surgical Repair of Anomalous Aortic Origin of Coronary Arteries.

K. Barry Deatrack¹, Sagar Amin², Jean Jeudy³, Gregory Bittle¹, David Morales¹, *Sunjay Kaushal⁴

¹University of Maryland, College Park, MD; ²Emory University, Atlanta, GA; ³University of Maryland School of Medicine, Baltimore, MD; ⁴University of Maryland Medical Center, Baltimore, MD

CONG-P3. Outcomes of Aorto-Left Ventricular Tunnel Repair for Neonates and Children

Ariela Zenilman¹, David Blitzer², Emile Bacha³, *Paul Chai⁴, David Kalfa⁵, *Damien LaPar⁵

¹Columbia Medical Center, New York, NY; ²Columbia University Medical Center, New York, NY; ³Columbia University College of Physicians and Surgeons, Weill Cornell College of Medicine, New York, NY; ⁴Morgan Stanley Children's Hospital of New York/ Columbia University Medical Center, Ridgewood, NJ; ⁵Columbia University College of Physicians and Surgeons, New York, NY

CONG-P4. An Operation to Repair Distant Anomalous Pulmonary Venous Drainage Using an In-Situ Pericardial Roll

Hani Najm¹, Tara Karamlou¹, Munir Ahmad², David Majdalany¹, *Robert Stewart¹, Saad Hasan¹, Gosta Pettersson¹

¹Cleveland Clinic, Cleveland, OH; ²Cleveland Clinic Foundation, Cleveland, OH

CONG-P5. Transdiaphragmatic Tunneled Broviac Catheters: Cost-Effective Perioperative Central Venous Access

Muhammad Owais Abdul Ghani¹, Muhammad Aanish Raees¹, Alan Tang¹, Dhivyaa Anandan², *Bret Mettler¹, *Karla Christian¹, Chevis Shannon¹, *David Bichell¹

¹Vanderbilt University Medical Center, Nashville, TN; ²Vanderbilt University, Nashville, TN

CONG-P6. Lead Replacement in Adults With D-Transposition of the Great Arteries Treated With Mustard Procedure: A Single Center Experience

*Brian Kilmartin, Beth Brickner, James Daniels, Richard Wu,

*Michael Jessen, *Lynn Huffman, Michael Luna

University of Texas Southwestern Medical Center, Dallas, TX

THORACIC POSTERS

GT-P1. Esophageal Gastrointestinal Stromal Tumors: Does Extent of Surgical Resection Affect Outcomes?

*Katy Marino, Emily Bond, *Mickey Ising, Jaimin Trivedi, Victor van Berkel, Matthew Fox

University of Louisville, Louisville, KY

GT-P2. Pre-Emptive Pain Management Program Leads to Reduction of Opioid Prescriptions and Complications After Elective Pulmonary Resection

Haydee del Calvo, Duc Nguyen, *Leonora Meisenbach, Ray Chihara, *Edward Chan, Edward Graviss, *Min Kim

Houston Methodist Hospital, Houston, TX

GT-P3. Induction Bleomycin for Primary Mediastinal Nonseminomatous Germ Cell Tumors Does Not Increase Major Perioperative Morbidity or Mortality in Patients Undergoing Surgery for Residual Disease

Raul Caso, Gregory Jones, Darren Feldman, Samuel Funt, Sujata Patil, George Bosl, Deaglan McHugh, Dean Bajorin, Manjit Bains, *David Jones

Memorial Sloan Kettering Cancer Center, New York, NY

GT-P4. Type 2 Diabetes Is Associated With Failure of Non-Operative Treatment for Sternoclavicular Joint Infection

Shriya Reddy¹, Jack Mizelle¹, Helene Sterbling²,

*Virginia Little¹, Kei Suzuki³

¹Boston University School of Medicine, Boston, MA; ²INOVA Heart and Vascular Institute, Falls Church, VA; ³Boston Medical Center, Boston, MA

GT-P5. Performance of the Surgical Risk Preoperative Assessment System (SURPAS) in Pulmonary Resection: An External Validation Study

Shi Yan¹, Meier Hsu¹, Kay See Tan¹, Katherine Gray²,

*Daniela Molena¹, *Matthew Bott¹, Prasad Adusumilli¹,

Manjit Bains¹, Robert Downey¹, James Huang¹, Bernard Park¹,

Gaetano Rocco¹, Valerie Rusch¹, Smita Sihag¹, *David Jones¹,

*James Isbell¹

¹Memorial Sloan Kettering Cancer Center, New York, NY;

²New York Presbyterian, New York, NY

GT-P6. Development and Validation of a Postoperative Urinary Retention Prediction Model for General Thoracic Surgical Patients

Ammar Asban, Rongbing Xie, Luqin Deng, *Rajat Kumar, *James Kirklin, James Donahue, *Benjamin Wei
University of Alabama at Birmingham, Birmingham, AL

GT-P7. Surgical Management of Non-Small Cell Lung Cancer in the Fissure: Less Is More?

Shane Smith¹, Adam Bograd², Gal Levy², Shu Ching Chang³, Alexander Farivar², Ralph Aye², Brian Louie², Eric Vallieres²
¹Swedish Medical Center, Seattle, WA; ²Swedish Cancer Institute, Seattle, WA; ³Providence St. Joseph Health, Portland, OR

GT-P8. Short and Long-Term Results of Surgical Resection of Primary Pulmonary Pleomorphic Carcinoma

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

PATIENT SAFETY POSTERS

PS-P1. Digital Solution for Follow-Up in Congenital Cardiac Surgery

Meena Nathan, Jacqueline O'Brien, Nitin Gujral, Vincent Chiang, Pedro del Nido
Boston Children's Hospital, Boston, MA

**Scientific Posters are not eligible for CME*

SIMULATION & TEAM-BASED LEARNING POSTERS

STBL-P1. Multi-Modal Assessment of Cardiopulmonary Bypass Skills in a High-Fidelity Simulation Environment

Joshua Hermesen¹, Hossein Mohammadipanah², Kenneth Perrone², Su Yang², Anna Witt², Carla Pugh²
¹University of Wisconsin, Madison, WI; ²Stanford University, Stanford, CA

SURGICAL EDUCATION POSTERS

SE-P1. Cardiothoracic Surgery Interest in Surgical Residency Applicants

*Robert Dabal, Evan Garner, Zachary Burns, John Porterfield, David Mauchley, *David Cleveland, Zviadi Aburjania, Luz Padilla
University of Alabama at Birmingham, Birmingham, AL



GENERAL INFORMATION

MEETING LOCATION

JW Marriott Marco Island Beach Resort
400 South Collier Boulevard
Marco Island, Florida 34145
(239) 394-2511

We welcome you to join STSA at the JW Marriott Marco Island Beach Resort, where a renewed sense of purpose burns long after the final sunset. With stunning new guest accommodations, new and re-imagined restaurants, and state of the art fitness and entertainment areas, you can make memories in our spectacular settings, enjoy enriching experiences, indulge in culinary masterpieces and relax and rejuvenate at our newly renovated Spa by JW. The new JW Marriott Marco Island Beach Resort offers a new dimension in luxury, and more ways than ever to work and play in Paradise.

HOTEL RESERVATIONS

A block of discounted hotel rooms is being held until Monday, October 7, 2019, provided rooms are still available in our room block. **After this date, room reservations will be accepted based on availability only.**

Online: Visit <https://stsa.org/> and click on the direct link to the JW Marriott reservation site, where you can book your hotel reservation any time. If you'd like to specify a bed type, please enter your request in the "Additional Requests" field within the "Other Information" section while booking online.

Telephone: Contact the hotel reservations department at (800) 438-4373. To qualify for the special meeting rate, be sure to mention that you are attending the Southern Thoracic Surgical Association's annual meeting.

Room Rate and Cancellation Information:

The rate for a single or double room is \$289/night plus tax. A discounted resort fee of \$20 (normally \$30) plus tax per night will also apply, which includes resort-wide internet access, daily beach umbrella rental, unlimited local and long distance calls, two spa fitness classes daily, and access to tennis courts and golf practice facilities. A credit card is required to secure your reservation, however it will not be charged until check-out.

A very limited number of upgraded Sirene guest rooms were made available to STSA meeting attendees on a first-come, first-served basis for an additional \$75 plus tax per night. These rooms are currently sold out; however, if you are interested in a Sirene guest room, it is recommended that you continue checking with the hotel directly for a cancellation in the coming months. Guests staying in the Sirene tower enjoy a private check-in experience, enhanced accommodations, complimentary daily breakfast for two, access to a private rooftop pool, beach butler service and

more. Please note the Sirene tower is for guests ages 21 and over. Sirene guest rooms can be booked online or directly with hotel reservations at (800) 438-4373.

Cancellations made within seven days of arrival will result in a charge of one night's room and tax to the credit card associated with your reservation.

Check in time is 4:00 p.m.; check out is 11:00 a.m.

CONFERENCE REGISTRATION

Register online at <https://stsa.org/66thannual/> or complete and return the registration form located here: https://stsa.org/wp-content/uploads/2019/08/Registration_Form_2019_FINAL.Interactive.pdf. Early registration is available until October 7, 2019. After this date, you must register on site at the Annual Meeting. Please note that there will be an additional \$50.00 charge for attendees registering on site.

Please be advised, the guest category is for significant others and family members only. Medical professionals are required to register separately in the appropriate designated category.

Registration and Cancellation Policy: Cancellation requests must be submitted in writing prior to October 7, 2019; unfortunately, STSA is unable to honor any subsequent requests. Refunds are subject to a \$50.00 administrative fee.

GETTING AROUND MARCO ISLAND

The JW Marriott Marco Island Beach Resort is an expansive property boasting a long list of activities and attractions for the whole family. Visit the hotel's [website](#) for a full list of things to do.

Airport Transportation

Southwest Florida International Airport (airport code RSW) is located 48 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 JW Marriott Marco Island Beach Resort are approximately \$80 one way.

Shared or Private Car Service

Both Uber and Lyft service the Southwest Florida International Airport. Rides can be requested through their mobile apps; follow the instructions provided to locate your driver. Rides to the JW Marco Island Beach Resort start at \$65 one way.

Super Shuttle provides ride share shuttle services for the Southwest Florida International Airport. Reservations can be made online at <https://www.supershuttle.com/>. Shared ride cost to the JW Marriott Marco Island Beach Resort is \$86 per person one way. Groups of 8 or more can arrange for a group shuttle by visiting <https://www.supershuttle.com/groups-events/get-started/>.

Private car service is available through Naples Transportation and Tours (NT&T). NT&T is offering a discount for STSA attendees, with all-inclusive rates to the JW Marriott Marco Island Beach Resort starting at \$123 one way. Reservations can be made online at <https://nttreservations.com/stsa.php>.

Car Rental

The JW Marriott Marco Island Beach Resort features an on-property Hertz rental car desk for convenient rental services. A special car rental rate has been negotiated for STSA meeting attendees. For reservations in the US and Canada call 800-654-2240; from all other locations call 405-749-4434. Reservations can also be made online at <http://www.hertz.com/>. Reference CV# 04R50007 when making reservations.

Parking

The JW Marriott Marco Island Beach Resort has extended a 10% discount on 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 7 – Saturday, November 9

Time: Thursday & Friday: 8:30 am – 11:00 am

Saturday: 8:30 am – 10:00 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 Marco Island.

RESIDENTS RECEPTION

Thursday, November 7

Cost: Complimentary

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 7

Cost: Complimentary

Time: 7:00 pm - 9:00 pm

Gather with fellow meeting attendees for an evening of networking and fun. *Attendees receive two tickets with registration. Additional tickets may be purchased for \$25.00.*

DINNER GALA

Friday, November 8

Reception: 7:00 pm - 7:30 pm

Dinner: 7:30 pm - 10:00 pm

Cost: \$125.00 per adult / \$40.00 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 will provide easy listening during the dinner hour. Black tie or cocktail attire is welcome; come comfortable and prepared for an evening of fun with friends, families and colleagues!

GOLF AT MARCO ISLAND

The JW Marriott Marco Island Beach Resort offers two private championship courses, The Rookery at Marco, and Hammock Bay Golf & Country Club. Both courses are a short drive away via complimentary resort shuttle. Visit the resort's [website](#) for additional details and to reserve a tee time, outside of official STSA activities, of course!

RESORT ACTIVITIES AND LOCAL EXCURSIONS

The JW Marriott Marco Island Beach Resort features a long list of exciting and rejuvenating on-property activities. On arrival, guests will be provided with a Paradise Planner 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, two private championship golf courses, a state-of-the-art gaming emporium, numerous watersports and excursions that depart directly from the resort. Browse the resort's [Recreation Guide](#) for full details and reservation information.

TIKI TRIBE

Hours: 10:00 a.m. – 3:00 p.m. Daily

Cost: \$70.00 plus tax per child

This service is limited, please make reservations in advance.

The JW Marriott Marco Island Beach Resort offers a supervised children's program for ages 5–12, complete with a variety of stimulating activities. To view a highlight video, [click here](#). Visit the resort's [website](#) for additional details and reservations.

CHILDCARE SERVICES

The JW Marriott Marco Island Beach Resort recommends the following childcare provider:

Nanny Poppinz

(239) 690-6495

<https://www.nannypoppinz.com/>



Southern Thoracic Surgical Association (STSA)

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