



SOUTHERN THORACIC SURGICAL ASSOCIATION **63rd ANNUAL MEETING**



ADVANCE PROGRAM

NOVEMBER 9-12, 2016
NAPLES GRANDE BEACH RESORT



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 63rd Annual Meeting, November 9-12, 2016 at the Naples Grande Beach Resort in Naples, Florida.

Please take a few minutes to review the educational sessions listed in this Advance Program. You will note the names of many top experts in the field.

Again this year, we have an excellent Postgraduate Program that will include presentations on teaching the technical aspects of cardiothoracic surgery and the usual specialty-specific breakout sessions. New this year will be a breakout session for allied health care providers with unique offering for our nurse practitioner and physician assistants emphasizing early postoperative care. We will also continue the tradition started last year, and highly rated by attendees, with a "legends" lecture to be given this year by Mark Orringer, MD.

The Program Committee carefully considered the comments and suggestions received from last year's attendees when creating the 2016 Program. The Scientific Sessions will feature cardiac, thoracic, congenital and transplant breakout sessions as well as History and Coding presentations. All sessions have been scheduled to allow for plenty of opportunities for thoughtful discussion. As always, there will be time for attendees to enjoy the camaraderie and fellowship that is such a big part of the STSA Annual Meeting experience.

In addition to the educational sessions, please bring your family and enjoy the amenities and activities offered at the Naples Grande Beach Resort. This beautiful property includes a beach side restaurant and bar, three swimming pools, the Loggerhead Explorer's Club for kids, and a newly renovated full-service spa. The Naples area has a variety of off-site experiences to explore and Annual Meeting attendees receive reduced room rates and waived resort fees at the Naples Grande Beach Resort. Refer to page 12 of this brochure for additional information and instructions for making your hotel reservations.

Finally, I urge everyone to attend the Awards Dinner & Dance on Saturday evening. We will have the return of WOOSAH!!!, a great band to include special jam sessions from our members' talent to play for us all night long. We have shortened the award presentations to maximize the time to socialize and enjoy your friends at the STSA. Although black tie is always in fashion, you are welcome to wear cocktail attire. Finally, Saturday evening's event will offer the option of a special Loggerhead Explorer's Club program to provide dinner and fun educational activity.

Please make plans now to join your Southern Thoracic colleagues this November. You can register at www.stsa.org. I look forward to seeing you in November at the Naples Grande Beach Resort!

Sincerely,

A.J. Carpenter, MD, PhD
STSA President

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 63rd Annual Meeting program.

PROGRAM COMMITTEE

Charles B. Huddleston, MD (Co-Chair)
Himanshu J. Patel, MD (Co-Chair)
Faisal G. Bakaeen, MD
John H. Calhoon, MD
A.J. Carpenter, MD
Elizabeth A. David, MD
Richard K. Freeman, MD
S. Adil Husain, MD
Richard L. Lee, MD
Daniel L. Miller, MD

POSTGRADUATE COMMITTEE

Paul Chai, MD (Co-Chair)
Scott A. LeMaire, MD (Co-Chair)
John H. Calhoon, MD
A.J. Carpenter, MD
Robert J. Dabal, MD
Melanie Edwards, MD
Richard K. Freeman, MD
Kirk R. Kanter, MD
Daniel L. Miller, MD
Chad N. Stasik, MD

ABSTRACT REVIEWERS

Shahab Akhter, MD
Bahaaldin Alsoufi, MD
Vinay Badhwar, MD
Faisal G. Bakaeen, MD
Paul Brown, MD
John H. Calhoon, MD
A.J. Carpenter, MD
Elizabeth A. David, MD
Felix Fernandez, MD
Richard K. Freeman, MD
Ravi Ghanta, MD
Bryan Helsel, MD
Wayne Hofsteter, MD
Charles B. Huddleston, MD
S. Adil Husain, MD
David R. Jones, MD
Vinayak Kamath, MD
W. Brent Keeling, MD
Min P. Kim, MD
Richard L. Lee, MD
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Linda W. Martin, MD
Reza J. Mehran, MD
Daniel L. Miller, MD
Keith Mortman, MD
C. Patrick Murrah, MD
Basil Nasir, MD
Himanshu J. Patel, MD
J. Scott Rankin, MD
T. Brett Reece, MD
James St. Louis, MD
Randy M. Stevens, MD

REGISTER TODAY AT WWW.STSA.ORG

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 Southern Thoracic Surgical Association (STSA) 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 STSA educational programming.

Required disclosures include (1) 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 non-remunerative 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 STSA educational activities.

Failure to disclose all financial 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 STSA 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 the STSA to assess and resolve potential influences on the educational activity prior to the planning and implementation of an educational activity. All abstracts and presentations are reviewed for potential conflicts of interest. All conflicts of

interest must be resolved prior to presentation. Any abstract/paper with a conflict that is deemed unresolvable will not be presented at the Annual Meeting. 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 STSA Council April, 28, 2012

STSA 63RD ANNUAL MEETING

The Southern Thoracic Surgical Association is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The STSA designates this educational activity for a maximum of 21.25 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

SCHEDULE** WEDNESDAY, NOVEMBER 9, 2016

**SCHEDULE SUBJECT TO CHANGE.

7:45 pm - 10:00 pm

STSA/CTSNET SURGICAL MOTION PICTURES

CME Credits Available: 2.25

Moderators: *HelenMari Merritt and *Richard L. Lee

7:45 pm - 8:00 pm

1V. Robotic Repair of Mitral Commissural Endocarditis With a Bridging Patch Technique

Takashi Murashita, Kevin J. Tveter, *J.S. Rankin,

Lawrence M. Wei, *Vinay Badhwar

West Virginia University Medical Center,

Morgantown, WV

8:00 pm - 8:15 pm

2V. Extracardiac Valved Conduit for Calcific Mitral Stenosis

Justin Van Meeteren, *Hartzell Schaff

Mayo Clinic, Rochester, MN

8:15 pm - 8:30 pm

3V. Management of the Small Aortic Root Using the 'Floating Valve Technique'

Jonathan M. Hemli, Yuriy Dudi, Derek R. Brinster

Lenox Hill Hospital, New York, NY

8:30 pm - 8:45 pm

4V. Combined Pulmonary Artery Sleeve Resection / Left Upper Lobectomy and Extended Resection of the Thoracic Aorta After TEVAR For T4 Lung Cancer

Raymond Lee, Gopal Singh, John

Vanderberge, Jason Glotzbach, Isaac

George, *Joshua R. Sonett

NY Presbyterian Hospital / Columbia University, New York, NY

8:45 pm - 9:00 pm

5V. Tetralogy of Fallot With Ebstein's Anomaly Correction in a Neonate

*Shu-Chien Huang, Ling-Yi Wei

National Taiwan University Hospital, Taipei, Taiwan

9:00 pm - 9:15 pm

6V. Right Axillary Thoracotomy for Transatrial Repair of Congenital Heart Defects: VSD, Partial AV Canal With Mitral Cleft, PAPVR/Warden, Cor Triatriatum and ASD

*Ali Dodge-Khatami, *Jorge D. Salazar

Children's Heart Center, University of Mississippi Medical Center, Jackson, MS

9:15 pm - 9:30 pm

7V. Repair of Aortic Valve, Large Periaortic Abscess and LV-PA Fistula in a 5 Year-Old With Acute Bacterial Endocarditis

Matthew Johnston, *Yoshio Ootaki, Michael

Quartermain, Eduardo Goenaga-Diaz, Allison

Welch, *Ross M. Ungerleider

Wake Forest University, Winston-Salem, NC

9:30 pm - 9:45 pm

8V. Repair of Incarcerated Type IV Hiatal Hernia With Intrathoracic Stomach, Herniated Omentum, Small Bowel and Transverse Colon Can Be Safely Achieved via Laparoscopic Approach

Farzaneh Banki

University of Texas Health Science Center Houston,

Memorial Hermann Southeast Esophageal Disease

Center, Houston, TX

9:45 pm - 10:00 pm

9V. Video-Assisted Thoracoscopic Resection of Right Upper Lobe Lung Cancer With Chest Wall Involvement

Erin A. Gillaspie, *Shanda H. Blackmon

Mayo Clinic, Rochester, MN

*Indicates STSA Member

THURSDAY, NOVEMBER 10, 2016

10:00 am - 3:30 pm

EXHIBITS OPEN

7:00 am - 12:15 pm

STSA POSTGRADUATE PROGRAM

CME Credits Available: 4.50

GENERAL SESSION

Special Topics in Cardiothoracic Surgery

Moderators: *Scott A. LeMaire and *Paul Chai

7:00 am - 7:30 am

Managing an Expanding ECMO Program

*Joseph B. Zwishenberger

University of Kentucky, Lexington, KY

7:30 am - 8:00 am

Blood Conservation: Best Practices for Reducing Bleeding and Transfusion Requirements

*Victor A. Ferraris

University of Kentucky, Lexington, KY

8:00 am - 8:40 am

General Thoracic Surgery Legends Lecture
Esophageal Surgery 1973-2016 - Evolution and Regression

Mark B. Orringer

University of Michigan, Ann Arbor, MI

8:40 am - 8:55 am

Break

Teaching the Technical Aspects of Cardiothoracic Surgery

Moderators: *Scott A. LeMaire and *Paul Chai

8:55 am - 9:15 am

Challenges of Teaching Cardiothoracic Operations

*John S. Ikonomidis

Medical University of South Carolina, Charleston, SC

9:15 am - 9:35 am

How I Teach It: Thoracoscopic Lobectomy

*Joshua R. Sonett

NY Presbyterian Hospital / Columbia University, New York, NY

9:35 am - 9:55 am

How I Teach It: Mitral Valve Repair

Steven F. Bolling

University of Michigan, Ann Arbor, MI

9:55 am - 10:15 am

How I Teach It: Neonatal Cardiac Repair

*E. Dean McKenzie

Texas Children's Hospital, Houston, TX

10:15 am - 10:45 am

BREAK - VISIT EXHIBITS

ADULT CARDIAC BREAKOUT

Avoiding and Managing Problems in Adult Cardiac Surgery

Moderators: *Anthony Estrera and *Neal D. Kon

10:45 am - 11:15 am

Challenges in Managing Acute Ascending Aortic Intramural Hematoma

*Chad N. Stasik

University of Texas San Antonio, San Antonio, TX

11:15 am - 11:45 am

Trouble During TAVR: Prevention and Management

*Vinod H. Thourani

Emory University, Atlanta, GA

11:45 am - 12:15 pm

Dealing With Problems During Minimally Invasive Valve Procedures

*Kevin Accola

Cardiovascular Surgeons PA, Orlando, FL

GENERAL THORACIC BREAKOUT

Getting Out of Trouble During General Thoracic Operations

Moderators: *Richard K. Freeman and *Melanie Edwards

10:45 am - 11:15 am

Managing Complications During Reoperative Lung Surgery

*David C. Rice

University of Texas MD Anderson Cancer Center, Houston, TX

11:15 am - 11:45 am

Dealing With Problems During Lung Transplantation

*G. Alec Patterson

Washington University School of Medicine, St. Louis, MO

11:45 am - 12:15 pm

Handling Misadventures During Minimally Invasive Esophagectomy

*Wayne L. Hofstetter

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

CONGENITAL BREAKOUT

Handling Complications During Congenital Heart Surgery

Moderators: *Robert J. Dabal and *Paul Chai

10:45 am - 11:15 am

Navigating Through Challenges During Norwood Procedures

*James Jagers

Children's Hospital Colorado, Aurora, CO

11:15 am - 11:45 am

Dealing With Problems During AV Canal Defect Repair

*Carl L. Backer

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

11:45 am - 12:15 pm

Technical Challenges With Pediatric Heart Transplantation

*Kirk R. Kanter

Emory University School of Medicine, Atlanta, GA

INTERDISCIPLINARY CARE PROVIDER BREAKOUT

Management of the Postoperative

Cardiothoracic Patient: The First 24 Hours

Moderator: James St. Louis

10:45 am - 10:50 am

Introduction

*James St. Louis

Children's Mercy Hospital, Kansas City, MO

10:50 am - 11:05 am

Principles of Postoperative Management of the Cardiothoracic Patient: The First 24 Hours

Nevin M. Katz

Johns Hopkins University, Baltimore, MD

11:05 am - 11:20 am

Postoperative Management of the Adult Cardiac Patient: A Practical Perspective

Jason Lucas

Piedmont Heart Institute, Atlanta, GA

11:20 am - 11:35 am

Postoperative Management of the Thoracic Patient: A Practice Perspective

*Benjamin Wei

University of Alabama, Birmingham, AL

11:35 am - 11:50 am

Postoperative Management of the Congenital Patient: A Practice Perspective

Stacy Reynolds

Children's Mercy Hospital, Kansas City, MO

11:50 am - 12:15 pm

Panel Discussion

*James St. Louis, Nevin M. Katz, Jason Lucas, Benjamin Wei, Stacy Reynolds

12:15 pm - 1:30 pm

BREAK - VISIT EXHIBITS

1:30 pm - 2:30 pm

ETHICS DEBATE

CME Credits Available: 1.0

Moderator: *Robert M. Sade



1:30 pm – 1:35 pm

Case Introduction: Should Hospital Policy Forbid Surgeons to Schedule Concurrent Cases in the Operating Room?

1:35 pm – 1:50 pm

Pro: Richard Whyte
Beth Israel Deaconess Medical Center, Boston, MA

1:50 pm – 2:05 pm

Con: *Vinod H. Hourani
Emory University, Atlanta, GA

2:05 pm – 2:30 pm

Discussion

2:30 pm – 3:00 pm

BREAK – VISIT EXHIBITS

3:00 pm – 5:30 pm

FIRST SCIENTIFIC SESSION

CME Credits Available: 2.5

Moderators: *A.J. Carpenter and *Daniel L. Miller

3:00 pm – 3:15 pm

1. Early Surgical Intervention in Patients With Mitral Valve Infective Endocarditis and Acute Stroke: Implications for Timing of Surgery
Mehrdad Ghoreishi, Nate Foster, Sam Maghami, Chetan Pasrija, Brody Wehman, Murtaza Dawood, Bartely P. Griffith, *James S. Gammie
University of Maryland School of Medicine, Baltimore, MD

3:15 pm – 3:30 pm

2. Outcomes of Adult Extracorporeal Membrane Oxygenation With Outside Facility Transfer: A Regional Referral Center Experience
David Ranney, Nawar Al-Rawas, Desiree Bonadonna, Babatunde Yerokun, Michael Mulvihill, Michael Weykamp, Rathnayaka Mudiyansele K. Gunasingha, Raquel Bartz, John Haney, *Mani A. Daneshmand
Duke University Medical Center, Durham, NC

3:30 pm – 3:45 pm

3. Aortic Root Replacement for Children With Loeys-Dietz Syndrome
Nishant Patel, Todd C. Crawford, J. Trent Magruder, Diane Alejo, Harry C. Dietz, Narutoshi Hibino, *Duke E. Cameron, *Luca A. Vricella
Johns Hopkins Medical Institutions, Baltimore, MD

3:45 pm – 4:00 pm

4. Neonatal Aortic Arch Reconstruction With Splanchnic and Cerebral Perfusion Avoids Deep Hypothermia and Supports Recovery of Extracardiac Organs
Clinton D. Morgan, Venessa L. Pinto, Ashly Westrick, Chevis N. Shannon, *Karla Christian, *Bret A. Mettler, *David Bichell
Vanderbilt University, Nashville, TN

4:00 pm – 4:15 pm

5. The Changing Spectrum of Tracheostomy Related and Post Intubation Tracheal Stenosis: Implications for Surgical Treatment
Samuel Kim, Charles Hsu, Alex G. Little
University of Arizona, Tucson, AZ

4:15 pm – 4:30 pm

6. Contemporary Practice Patterns and Outcomes of Surgery for Acute Type A Aortic Dissection: An Analysis of a Multi-Institutional Regional STS Database
*Robert B. Hawkins¹, Emily A. Downs¹, *J.H. Mehaffey¹, Lily Johnston¹, *Damien LaPar¹, Clifford Fonner², Leora Yarboro³, Gorav Ailawadi¹, Ravi Ghanta⁴
¹University of Virginia, Charlottesville, VA; ²Virginia Cardiac Surgery Quality Initiative, Falls Church, VA

4:30 pm – 4:45 pm

7. Determinants of Hospital Variation in Pneumonia Rates After Coronary Artery Bypass Grafting: An Analysis of 324,085 Consecutive CABG Patients
*Alexander A. Brescia¹, *J.S. Rankin², Derek Cyr³, *Jeffrey P. Jacobs⁴, *Richard L. Prager¹, Min Zhang⁵, Roland Matsouaka⁶, Steven D. Harrington⁷, Rachel S. Dokholyan³, *Steven

Bolling¹, Astrid Fishstrom¹, David M. Shahian⁸, Donald S. Likosky¹

¹University of Michigan, Ann Arbor, MI; ²Cardiothoracic Surgery Associates, Nashville, TN; ³Duke Clinical Research Institute, Durham, NC; ⁴Johns Hopkins University School of Medicine, Baltimore, MD; ⁵University of Michigan, Ann Arbor, MI; ⁶Duke Clinical Research Institute, Durham, NC; ⁷Henry Ford Macomb Hospitals, Clinton Township, MI; ⁸Harvard Medical School, Boston, MA

4:45 pm – 5:00 pm

8. Improved Lymph Node Staging in Early Stage Non-Small Cell Lung Cancer in the National Cancer Database

Seth B. Krantz^{1,2}, Waseem Lutfi¹, Kristine Kuchta¹, Chi-Hsiung Wang¹, Ki Wan Kim^{1,2}, *John Howington³

¹NorthShore University Health System, Evanston, IL; ²University of Chicago Pritzker School of Medicine, Chicago, IL; ³Saint Thomas Healthcare, Nashville, TN

5:00 pm – 5:15 pm

9. Causes and Patterns of Unplanned Readmissions After Anatomic Lung Resection: Comparison of Thoracoscopic vs. Open Approaches

Rohun Bhagat^{1,5}, Austin N. Ward², Elizabeth Juarez-Colunga^{3,4}, Michael R. Bronsert⁴, Natalia O. Glebova¹, William G. Henderson^{3,4}, David A. Fullerton¹, Michael J. Weyant¹, John D. Mitchell¹, Jeremiah Martin², Robert Meguid¹

¹University of Colorado School of Medicine, Aurora, CO; ²University of Kentucky, Lexington, KY; ³University of Colorado School of Public Health, Aurora, CO; ⁴University of Colorado School of Medicine, Aurora, CO; ⁵University of Rochester, Rochester, NY

5:15 pm – 5:30 pm

10. Bilateral Internal Mammary Artery Use Can Be Safely Taught Without Increasing Morbidity or Mortality

Chetan Pasrija, Mehrdad Ghoreishi, Aakash Shah, Michael Rouse, Zachary Kon, Bradley S. Taylor
University of Maryland, Division of Cardiac Surgery, Baltimore, MD

FRIDAY, NOVEMBER 11, 2016

7:45 am - 12:00 pm
12:45 pm - 4:00 pm

EXHIBITS OPEN

7:00 am - 7:50 am

BASIC SCIENCE FORUM

CME Credits Available: 0.75

Moderators: *Min P. Kim and *T. Brett Reece

7:00 am - 7:08 am

1B. Serum-Based Biomarker Panel May Predict Recurrence in Resected T1-2N0 Non-Small Cell Lung Cancer

Christopher W. Seder, Andrew Arndt, Lia Jordano, Sanjib Basu, Cristina Fhied, Selina Sayidine, Gary Chmielewski, William H. Warren, Michael Liptay, Jeffrey Borgia
Rush University Medical Center, Chicago, IL

7:08 am - 7:16 am

2B. Ex Vivo Lung Perfusion Rehabilitates Sepsis-Induced Lung Injury

*J.H. Mehaffey, Eric Charles, Ashish Sharma, Dustin Money, *Curtis Tribble, Victor Laubach, Mark Roeser, *Irving L. Kron
University of Virginia, Charlottesville, VA

7:16 am - 7:24 am

3B. A Novel Murine Model of Marfan Syndrome Accelerates Aortopathy and Cardiomyopathy

Nicholas Cavanaugh, Lan Qian, William J. Kutschke, Ella J. Born, *Joseph W. Turek
University of Iowa Carver College of Medicine, Iowa City, IA

7:24 am - 7:32 am

4B. Erythropoietin Attenuation of Spinal Cord Ischemia Injury is cR-Receptor Dependent

Lisa S. Foley, Joshua Mares, Joseph C. Cleveland, Michael J. Weyant, David A. Fullerton, *T.B. Reece
University of Colorado, Aurora, CO

7:32 am - 7:40 am

5B. Selective Localization of a Novel Dendrimer Nanoparticle in an Ischemia-reperfusion Model of Myocardial Infarction

J. Trent Magruder, Todd C. Crawford, Yi-An Lin, Fan Zhang, Joshua C. Grimm, Rangaramanujam Kannan, Sujatha Kannan, *Christopher M. Sciortino
Johns Hopkins University School of Medicine, Baltimore, MD

7:40 am - 7:48 am

6B. C-kit⁺ Cardiac Stem Cells Enhance Neonatal Right Ventricular Performance After Pulmonary Artery Banding

Brody Wehman, Nicholas Pietris, Osama T. Siddiqui, Tieluo Li, Rachana Mishra, Sudhish Sharma, *Sunjay Kaushal
University of Maryland School of Medicine, Baltimore, MD

7:50 am - 8:00 am

Break

8:00 am - 10:00 am

SECOND SCIENTIFIC SESSION

CME Credits Available: 2.0

Moderators: *Charles B. Huddleston and *Himanshu J. Patel

8:00 am - 8:15 am

11. Variability in Integrated Cardiothoracic Surgery Training Program Curriculum

Elizabeth H. Stephens¹, Dustin Walters², Asad Shah², Walter DeNino⁴, Amanda Eilers⁵, Vakhtang Tchantchaleishvili⁶, Andrew Goldstone⁷, Ryan Shelstad⁸, Tarek Malas⁹, Erin A. Gillaspie¹⁰, Marisa Cevalco¹¹, Amy Fiedler¹², Scott Halbreiner¹³, Kevin Koomalsingh¹⁴, Damien LaPar¹⁵
¹Columbia, New York, NY; ²Duke, Durham, NC; ³University of Washington, Seattle, WA; ⁴MUSC, Charleston, SC; ⁵University of Texas San Antonio, San Antonio, TX; ⁶University of Rochester, Rochester, NY; ⁷University of Pennsylvania, Philadelphia, PA; ⁸University of Colorado, Denver, CO; ⁹Ottawa Heart Institute, Ottawa, Ontario, Canada; ¹⁰Mayo Clinic, Rochester, MN; ¹¹Brigham and Women's Hospital, Boston, MA; ¹²Massachusetts General Hospital, Boston, MA; ¹³Cleveland Clinic, Cleveland, OH; ¹⁴Cedars Sinai, Los Angeles, CA; ¹⁵University of Virginia, Charlottesville, VA

8:15 am - 8:30 am

12. Concomitant Atrial Fibrillation Ablation Remains Underutilized Despite No Additive Risk

Lily E. Johnston¹, Emily A. Downs¹, Damien LaPar¹, *Irving L. Kron¹, *Jeffrey B. Rich², *Alan Speir³, Mohammed Quader⁴, Jonathan Philpott², *Gorav Ailawadi¹

¹University of Virginia, Charlottesville, VA;

²Sentara Heart Hospital, Norfolk, VA; ³INOVA

Heart and Vascular Institute, Fairfax, VA; ⁴Virginia Commonwealth University, Richmond, VA

8:30 am - 8:45 am

13. Impact of DiGeorge Syndrome on Early and Late Outcomes of Surgical Repair of Conotruncal Cardiac Anomalies

*Bahaaldin Alsoufi, Courtney McCracken, *Kirk R. Kanter, Subhadra Shashidharan, *Brian Kogon
Emory University School of Medicine, Atlanta, GA

8:45 am - 9:00 am

14. Pulmonary Artery Aneurysms: Presentation and Operative Outcomes

Janani Reisenauer, Sameh Said, *Hartzell Schaff, Heidi Connolly, Joseph Maleszewski, *Joseph Dearani
Mayo Clinic, Rochester, MN

9:00 am - 9:15 am

15. Surgical Outcomes in Clinical Stage IIIA - N2 Positive, Older Lung Cancer Patients in The Society of Thoracic Surgeons Database

Daniel J. Boffa¹, *Felix Fernandez², Andrzej Kosinski³, Sunghee Kim³, Mark Onaitis³, Patricia Cowper³, *Jeffrey P. Jacobs⁴, *Cameron Wright⁵, *Joe B. Putnam⁶, Anthony P. Furnary⁷

¹Yale University School of Medicine, New Haven, CT;

²Emory University, Atlanta, GA; ³Duke Clinical Research

Institute, Durham, NC; ⁴Johns Hopkins, St Petersburg,

FL; ⁵Massachusetts General Hospital, Boston, MA;

⁶Baptist Medical Center, Jacksonville, FL; ⁷Starr-Wood Cardiac Group, Portland, OR

9:15 am - 9:30 am

16. Pilot Study to Incorporate Patient Reported Outcomes Associated With Lung Cancer Surgery into The Society of Thoracic Surgeons Database

*Onkar V. Khullar¹, Mohammad H. Rajaei¹, *Seth Force¹, Jose Binongo², Yi Lasanajak², Scott Robertson³, *Allan Pickens¹, *Manu S. Sancheti¹, Joseph Lipscomb^{1,4}, Theresa W. Gillespie¹, *Felix Fernandez¹

¹Emory University School of Medicine, Atlanta, GA;

²Rollins School of Public Health, Emory University,

Atlanta, GA; ³Georgia Tech, Atlanta, GA; ⁴Rollins School

of Public Health, Emory University, Atlanta, GA

9:30 am - 9:45 am

17. Outcomes of Reoperative Mitral Valve Replacement in Patients With Prior Mitral Valve Repair and Replacement: A Benchmark for Future Valve-in-Valve Transcatheter Mitral Valve Replacement

Julius I. Ejirofor, Anthony V. Norman, Siobhan McGurk, James Rawn, Hari R. Mallidi, Sary F. Aranki, Prem Shekar, Tsuyoshi Kaneko
Brigham and Women's Hospital, Harvard Medical School, Boston, MA

9:45 am - 10:00 am

18. Contemporary Outcomes for Low-risk Surgical Aortic Valve Replacement: A Benchmark for Evaluating Transcatheter Aortic Valve Technology

Lily E. Johnston¹, Emily A. Downs¹, Robert B. Hawkins¹, Mohammed Quader², *Alan Speir³, *Jeffrey B. Rich⁴, Ravi Ghanta¹, Leora Yarbboro¹, *Gorav Ailawadi¹

¹University of Virginia, Charlottesville, VA; ²Virginia

Commonwealth University, Richmond, VA; ³INOVA

Heart and Vascular Institute, Fairfax, VA; ⁴Sentara

Heart Hospital, Norfolk, VA

10:00 am - 10:30 am

BREAK - VISIT EXHIBITS

10:30 am - 12:00 pm

GENERAL SESSION

CME Credits Available: 1.5

Moderator: *S. Adil Husain

10:30 am - 10:50 am

Kent Trinkle Education Lectureship

*William A. Baumgartner

Johns Hopkins University, Baltimore, MD

10:50 am - 11:20 am

President's Invited Lecturer

*Michael J. Mack

Baylor Health Care System, The Heart Hospital Baylor
Plano Research Center, Plano, TX

11:20 am - 12:00 pm

Presidential Address

*A.J. Carpenter

University of Texas Health Science Center, San
Antonio, TX

12:00 pm

ALL ATTENDEE LUNCH

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

12:45 pm - 2:00 pm

BREAK – VISIT EXHIBITS

2:00 pm - 3:30 pm

THIRD SCIENTIFIC SESSION A

Simultaneous Adult Cardiac, General Thoracic,
and Congenital Breakout Sessions

CME Credits Available: 1.5

ADULT CARDIAC BREAKOUT

Moderators: Dawn S. Hui and *Chad N. Stasik

2:00 pm - 2:15 pm

19. Risk Factors for Late Aortic Valve
Dysfunction Following the David V Valve
Sparing Root Replacement

Jiro Esaki¹, *Brad Leshnower², Jose Binongo²,
Yi Lasanajak², LaRonica McPherson², *Robert
Guyton², *Edward P. Chen²

¹Otsu Red Cross Hospital, Otsu, Japan; ²Emory
University, Atlanta, GA

2:15 pm - 2:30 pm

20. Whole Body Perfusion Strategy for Aortic
Arch Repair Under Moderate Hypothermia:
Simultaneous Antegrade Cerebral Perfusion
and Lower Body Perfusion

Christopher L. Tarola, Katie L. Losenno, Jill
J. Gelinis, Philip M. Jones, Phil Fernandes,
Stephanie A. Fox, Bob Kiaii, Michael Chu
Western University, London, Ontario, Canada

2:30 pm - 2:45 pm

21. Moderate Hypothermia and Unilateral
Selective Antegrade Cerebral Perfusion is
a Safe Perfusion Strategy for Extended
Arch Replacement in Patients With Acute
Aortic Dissection

*William B. Keeling, *Brad Leshnower, Jose
Binongo, *Eric L. Sarin, *Ed Chen

Emory University, Atlanta, GA

2:45 pm - 3:00 pm

22. Frozen Elephant Trunk is Not the "Bad Boy"
Compared With the Traditional Elephant Trunk:
Current Trends and Lessons Learned Using the
Simplified US Version of the FET

*Ourania Preventza^{1,2}, Jessica Mayor^{1,2}, Katherine
Simpson^{1,2}, Julius Carillo^{1,2}, Matt D. Price^{1,2}, *Kim
I. de la Cruz^{1,2}, *Lorraine D. Cornwell², Shuab
Omer^{1,2}, Arin C. Jobe^{1,2}, *Scott A. LeMaire^{1,2},
*Joseph S. Coselli^{1,2}

¹Texas Heart Institute, Houston, TX; ²Baylor College of
Medicine, Houston, TX

3:00 pm - 3:15 pm

23. Transcatheter Aortic Valve Implantation
for Patients With Bicuspid Aortic Valves: Still
a Contraindication?

Mirko Doss, Won Kim, Thomas Walther
Kerckhoff Heart Center, Bad Nauheim, Germany

3:15 pm - 3:30 pm

24. Statewide Impact of Transcatheter Aortic
Valve Replacement on Surgical Aortic
Valve Replacement

*Robert B. Hawkins³, Lily Johnston³, Emily
A. Downs³, *J.H. Mehaffey³, Clifford Fonner¹,
*Damien LaPar³, Leora Yarboro³, *Ravi Ghanta³,
Mohammed Quader², *Alan Speir⁴, Jeffrey B.
Rich¹, *Gorav Ailawadi³

¹Virginia Cardiac Surgery Quality Initiative, Falls
Church, VA; ²Virginia Commonwealth University,
Richmond, VA; ³University of Virginia, Charlottesville,
VA; ⁴INOVA Heart and Vascular Institute, Falls
Church, VA

GENERAL THORACIC BREAKOUT

Moderators: *Elizabeth A. David and *Richard
K. Freeman

2:00 pm - 2:15 pm

25. Multi-institutional Validation of a Modified
Thoracic Revised Cardiac Risk Index (m-ThRCRI)
for Predicting Cardiac Complications Following
Lung Resection

Daniel C. Thomas, Brian N. Arnold, Joshua E.
Rosen, Michelle C. Salazar, Frank C.
Detterbeck, Justin D. Blasberg, Daniel J.
Boffa, Anthony W. Kim

Yale School of Medicine, New Haven, CT

2:15 pm - 2:30 pm

26. Is Repeat Pulmonary Metastasectomy
Indicated for Soft Tissue Sarcoma?

Neel P. Chudgar, Murray F. Brennan, Kay See Tan,
Rodrigo R. Munhoz, Peter R. Bucciarelli, Sandra
P. D'Angelo, Manjit S. Bains, *Matthew Bott,
James Huang, *James M. Isbell, *Daniela Molena,
Bernard J. Park, Valerie W. Rusch, Prasad S.
Adusumilli, William Tap, *David R. Jones
Memorial Sloan Kettering Cancer Center,
New York, NY

2:30 pm - 2:45 pm

27. Pilot Study Percutaneous Cryotherapy for
Stage IA Lung Cancer

Frank A. Baciewicz^{1,2}, Lance K. Heilbrun²,
Deborah Hackstock², Fulvio Lonardo⁴,
Peter Littrup^{2,3}

¹WSU, Detroit, MI; ²Karmanos Cancer Center, Detroit,
MI; ³Brown Medical Center, Providence, RI; ⁴Wayne
State University, Detroit, MI

2:45 pm - 3:00 pm

28. Evaluation of Esophageal Anastomotic
Integrity With Serial Pleural Amylase Levels

*Daniel L. Miller, *Gerald A. Helms, *William
R. Mayfield

WellStar Health System, Marietta, GA

3:00 pm - 3:15 pm

29. Management of Anastomotic Leaks
After Esophagectomy

Joshua L. Manghelli, David Blitzer, Adam
Hicks, Karen Rieger, *DuyKhanh Ceppa,
Thomas J. Birdas

Indiana University School of Medicine, Indianapolis, IN

3:15 pm - 3:30 pm

30. Hospitalization Costs Following Surgery in
High-Risk Patients With Early Stage Lung Cancer

*Manu S. Sancheti, Ray Chihara, Sebastian Perez,
*Felix Fernandez, *Allan Pickens, *Seth Force
Emory University, Atlanta, GA

CONGENITAL BREAKOUT

Moderators: *James D. St. Louis and *Mark
D. Plunkett

2:00 pm - 2:15 pm

31. Need for Pulmonary Arterioplasty at the
Time of Bidirectional Cavopulmonary
Anastomosis is an Independent Predictor of
Poor Surgical Outcome

John D. Cleveland^{1,2}, Susana Tran¹, Cheryl
Takao¹, Winfield J. Wells¹, Vaughn A. Starnes^{1,2},
S R. Kumar^{1,2}

¹Children's Hospital, Los Angeles, Los Angeles, CA;
²University of Southern California, Los Angeles, CA

FRIDAY, NOVEMBER 11, 2016 (CONTINUED)

2:15 pm - 2:30 pm

32. Major Aortopulmonary Collateral Arteries in Patients With Anatomy Other Than Pulmonary Atresia With Ventricular Septal Defect

William L. Patrick, *Richard D. Mainwaring, Olaf Reinhartz, Rajesh Punn, Theresa Tacy, Frank L. Hanley

Stanford University School of Medicine, Stanford, CA

2:30 pm - 2:45 pm

33. Current Results of Multistage Single Ventricle Palliation of Patients With Double Inlet Left Ventricle

*Bahaaldin Alsouf, *Kirk R. Kanter, Subhadra Shashidhara, *Brian Kogon

Emory University School of Medicine, Atlanta, GA

2:45 pm - 3:00 pm

34. Use of Heparin Coated Polytetrafluoroethylene Grafts Reduces Mortality in Neonates Receiving Systemic-to-Pulmonary Shunts

Adeel Ashfaq¹, Amit Iyengar¹, Brian Reemtsen²

¹David Geffen School of Medicine at UCLA, Los Angeles, CA; ²Mattel Children's Hospital, Los Angeles, CA

3:00 pm - 3:15 pm

35. Surgical Strategy Toward Bi-ventricular Repair for Severe Ebstein's Anomaly in Neonates and Early Infancy

Shu-Chien Huang, Yihshang Chen

National Taiwan University Hospital, Taipei, Taiwan

3:15 pm - 3:30 pm

36. Arch Augmentation via Median Sternotomy for Repair of Coarctation of Aorta With Associated Arch Hypoplasia is a Safe and Durable Procedure

W.H. Gray^{1,2}, Winfield J. Wells^{1,2}, Vaughn A. Starnes^{1,2}, S.R. Kumar^{1,2}

¹University of Southern California, Los Angeles, CA;

²Children's Hospital, Los Angeles, Los Angeles, CA

3:30 pm - 4:00 pm

BREAK - VISIT EXHIBITS

4:00 pm - 5:00 pm

THIRD SCIENTIFIC SESSION B

Simultaneous Adult Cardiac, General Thoracic, and Congenital Breakout Sessions

CME Credits Available: 1.0

ADULT CARDIAC BREAKOUT

Moderators: *Faisal G. Bakaeen and

*Bryan Helsel

4:00 pm - 4:15 pm

37. Similar Outcomes in Diabetic Patients After CABG With Single ITA Plus Radial Artery Grafting & Bilateral ITA Grafting

Sajjad Raza, Eugene Blackstone, Marijan Koprivanac, Penny Houghtaling, Lars G. Svensson, Joseph F. Sabik

Cleveland Clinic, Cleveland, OH

4:15 pm - 4:30 pm

38. Diagnosis and Surgical Management of Pericardial Constriction After Cardiac Surgery

Justin Van Meeteren, *Hartzell Schaff, *Joseph Dearani, Kevin Greason, *Richard Daly

Mayo Clinic, Rochester, MN

4:30 pm - 4:45 pm

39. Incidence, Risk Factors, and Outcomes of Conversion from Off-pump Coronary Artery Bypass Grafting to On-pump Coronary Artery Bypass Grafting: A Report from the STS Adult Cardiac National Database

*William B. Keeling¹, *Vinod H. Thourani¹, *Gorav Aliawadi², Sunghee Kim³, Derek Cyr³, *Vinay Badhwar⁴, *Jeffrey P. Jacobs⁵, J.M. Brennan³, James Meza³, Roland Matsouaka³, *Michael E. Halkos¹

¹Emory University, Atlanta, GA; ²University of Virginia,

Charlottesville, VA; ³Duke Clinical Research Institute,

Durham, NC; ⁴University of Pittsburgh, Pittsburgh,

PA; ⁵Johns Hopkins All Children's Hospital, St.

Petersburg, FL

*Indicates STSA Member



4:45 pm - 5:00 pm

40. Surgical Ablation of Atrial Fibrillation in the United States

¹Vinay Badhwar¹, ¹Niv Ad², ¹J.S. Rankin¹, Maria Grau-Sepulveda³, ¹Ralph J. Damiano⁴, ¹Patrick M. McCarthy⁵, ¹A.M. Gillinov⁶, ¹Vinod H. Thourani⁷, ¹Rakesh M. Suri⁶, ¹Jeffrey P. Jacobs⁸, ¹James L. Cox⁴

¹West Virginia University, Morgantown, WV; ²Inova Heart and Vascular Institute, Fairfax, VA; ³Duke Clinical Research Institute, Durham, NC; ⁴Washington University, St. Louis, MO; ⁵Northwestern University, Chicago, IL; ⁶Cleveland Clinic, Cleveland, OH; ⁷Emory University, Atlanta, GA; ⁸Johns Hopkins University, Baltimore, MD

GENERAL THORACIC BREAKOUT

Moderators: ¹Linda W. Martin and ¹Basil Nasir

4:00 pm - 4:15 pm

41. Transcervical Extended Mediastinal Lymphadenectomy (TEMLA) – Experience from a North American Cancer Center

¹Saikhishna Yendamuri¹, Athar Battoo¹, Mark Hennon¹, Chukwumere Nwogu¹, Elisabeth Dexter¹, Miriam Huang¹, ¹Anthony Picone¹, ¹Todd L. Demmy²

¹Roswell Park Cancer Institute, Buffalo, NY; ²Cancer Institute of New Jersey, New Brunswick, NJ

4:15 pm - 4:30 pm

42. Transversus Abdominis Plane (TAP) Block Improves Perioperative Outcomes After Esophagectomy Compared to Thoracic Epidural (TE)

Gal Levy¹, Mark Cordes², Ralph W. Aye¹, Alexander S. Farivar¹, Brian E. Louie¹

¹Swedish Medical Center and Cancer Institute, Seattle, WA; ²Swedish Hospital, Seattle, WA

4:30 pm - 4:45 pm

43. Office-Based Spirometry: A New Model of Care in Preoperative Assessment for Low-Risk Pulmonary Resections

Jessica L. Hudson, Jennifer Bell, ¹A. Sasha Krupnick, ¹Daniel Kreisel, ¹Traves D. Crabtree, ¹George A. Patterson, ¹Bryan F. Meyers, ¹Varun Puri

Washington University School of Medicine, St. Louis, MO

4:45 pm - 5:00 pm

44. Video-Thoroscopic Management of Post-Pneumonectomy Empyema

Domenico Galetta, Alessandro Borri, Roberto Gasparri, Francesco Petrella, Lorenzo Spaggiari

European Institute of Oncology, Milan, Italy

CONGENITAL BREAKOUT

Moderators: ¹Karla Christian and ¹Kristine J. Guleserian

4:00 pm - 4:15 pm

45. Medium-Term Outcomes After Implantation of Expanded-Polytetrafluoroethylene Valved Conduit (ePTFE VC) for Right Ventricular Outflow Tract

¹Yoshio Ootaki (Otaki), Allison Welch, Michael J. Walsh, Michael Quartermain, ¹Ross M. Ungerleider

Wake Forest Baptist Health, Winston-Salem, NC

4:15 pm - 4:30 pm

46. Efficacy of an Extracellular Matrix in Systemic Loading Conditions in Congenital Heart Disease Surgical Repair

Adeel Ashfaq¹, Amit Iyengar¹, Oh Jin Kwon¹, Saad Soroya¹, Son Nguyen¹, Ryan Ou¹, Brian Reemtsen²

¹David Geffen School of Medicine at UCLA, Los Angeles, CA; ²Mattel Children's Hospital, Los Angeles, CA

4:30 pm - 4:45 pm

47. Brom (Multisinus) Aortoplasty for Supravalvar Aortic Stenosis

Michael C. Monge^{1,2}, ¹Carl L. Backer^{1,2}, Osama Eltayeb^{1,2}, Joyce T. Johnson^{1,2}, Andrada R. Popescu^{1,2}, Cynthia K. Rigsby^{1,2}, John M. Costello^{1,2}

¹Ann & Robert H. Lurie Children's Hospital, Chicago, IL; ²Northwestern University Feinberg School of Medicine, Chicago, IL

4:45 pm - 5:00 pm

48. A New Kaolin Impregnated Hemostatic Sponge (QuikClot®) is Effective for Intraoperative Hemostasis in Norwood Operation

Takeshi Shinkawa, Carl Chipman, Jessica Holloway, Xinyu Tang, Jeffrey M. Gossett, Michiaki Imamura

University of Arkansas for Medical Sciences, Little Rock, AR

5:00 pm - 6:00 pm

STSA ANNUAL BUSINESS MEETING

Members Only

SATURDAY, NOVEMBER 12, 2016

7:00 am - 8:00 am

CODING UPDATE

CME Credits Available: 1.0

8:00 am - 9:00 am

FOURTH SCIENTIFIC SESSION A

Simultaneous Adult Cardiac, General Thoracic, Congenital and Transplant Breakout Sessions

CME Credits Available: 1.0

ADULT CARDIAC BREAKOUT

Moderators: ¹Tom C. Nguyen and ¹Jennifer S. Lawton

8:00 am - 8:15 am

49. Midterm Results of Hybrid Arch Repair With Zone 0 Stent Graft Deployment

Seyed Hossein Aalaei Andabili^{1,3}, ¹Charles T. Klodell¹, Teng Lee¹, Philip Hess², Tomas Martin³, Adam Beck¹, Robert Feezor¹, Salvatore Scali¹, ¹Thomas M. Beaver¹

¹University of Florida, Gainesville, FL; ²Indiana University, Indianapolis, IN; ³Florida Hospital Orlando, Orlando, FL

8:15 am - 8:30 am

50. Transmyocardial Laser Revascularization (TMR) for Class IV Angina: 30-Day Outcomes from a Contemporary, Multi-Center Patient Registry

V. Seenu Reddy, Keith Allen, Eric Peck, ¹Thomas Pollard, Robert Still, Joseph Wilson

Centennial Hospital, Nashville, TN

8:30 am - 8:45 am

51. Intermediate Outcomes After Conservative Repair of Type A Aortic Dissection

Fernando Fleischman, James M. Tatum, Daniel Logsdon, W.H. Gray, Robbin G. Cohen, Amy Hackmann, Mark J. Cunningham, Vaughn A. Starnes, Michael E. Bowdish

University of Southern California, Los Angeles, CA

8:45 am - 9:00 am

52. Timing of Operation for Tricuspid Regurgitation After Heart Transplant

¹A. Michael Borkon, Kaitlyn Carl, Sanjeev Aggarwal, ¹Keith B. Allen, Alex Pak, John R. Davis, Eric Thompson, Jingyan Wang, Andrew Kao

Mid America Heart Institute of Saint Luke's Hospital, Kansas City, MO

GENERAL THORACIC BREAKOUT

Moderators: ¹Traves D. Crabtree and ¹DuyKhanh Ceppa

8:00 am - 8:15 am

53. Atrial Resection Without Cardiopulmonary Bypass for Lung Cancer: Experience from a Single Institution

Domenico Galetta¹, Alessandro Borri¹, Roberto Gasparri¹, Francesco Petrella¹, Lorenzo Spaggiari¹

¹European Institute of Oncology, Milan, Italy

8:15 am - 8:30 am

54. Comparing Outcomes After Pulmonary Resection for Lung Cancer Between Veterans Administration Medical Center and an Academic Medical Center

Travis Geraci¹, Vanessa Baratta¹, John Young¹, Ann-Marie Dunican², Richard Jones³, Thomas Ng¹

¹Warren Alpert Medical School of Brown University, Providence, RI; ²Providence VAMC, Providence, RI; ³Warren Alpert Medical School of Brown University, Providence, RI

8:30 am - 8:45 am

55. Perioperative Outcomes of Patients Undergoing Pulmonary Lobectomy on Clopidogrel

Scott Atay¹, Arlene Correa¹, *Wayne L. Hofstetter¹, *Reza J. Mehran¹, *David C. Rice¹, Jack A. Roth¹, *Boris Sepesi¹, Stephen G. Swisher¹, *Ara Vaporciyan¹, *Garrett Walsh¹, *Mara Antonoff¹

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

8:45 am - 9:00 am

56. Is There Consensus on Postoperative Surveillance Following Esophageal Cancer Resection? A Survey of Current Surgeon Practices

Siyan Cao¹, Gail Darling², *Stephen C. Yang¹

¹The Johns Hopkins Medical Institution, Baltimore, MD;

²General Thoracic Surgery Club Clinical Trials Group/ University of Toronto, Toronto, Ontario, Canada

CONGENITAL BREAKOUT

Moderators: *Jeffrey P. Jacobs and *Randy M. Stevens

8:00 am - 8:15 am

57. AvalonElite DLC Provides Reliable Total Cavopulmonary Assist in Failing Fontan Sheep Model Using Valved Extracardiac Conduit

Cheng Zhou¹, Dongfang Wang¹, Cherry Ballard-Croft¹, Guangfeng Zhao², Stephen Topaz², *Joseph Zwischenberger¹

¹University of Kentucky, Lexington, KY; ²W-Z Biotech, LLC, Lexington, KY

8:15 am - 8:30 am

58. Influence of Weight at Time of First Palliation on Survival in Patients With Single Ventricle

Sushitha Surendran¹, TK Susheel Kumar¹, Jeffrey A. Towbin¹, Jerry Allen¹, James B. Tansey¹, Umar Boston¹, David Zurakowski², *Christopher J. Knott-Craig¹

¹Lebonheur Children's Hospital, Memphis, TN; ²Boston Children's Hospital, Boston, MA

8:30 am - 8:45 am

59. Repair of Transposition of the Great Arteries With Intact Ventricular Septum – Results With a Standardized Method of Coronary Transfer

*Kirk R. Kanter

Emory University School of Medicine, Atlanta, GA

8:45 am - 9:00 am

60. Neonatal Transfer Does Not Impact Mortality Within a Regionalized Pediatric Cardiac Surgery Network

Michael F. Swartz, George M. Alfieri
University of Rochester, Rochester, NY

TRANSPLANT BREAKOUT

Moderators: *Chadrick E. Denlinger and *Jay Pal

8:00 am - 8:15 am

61. Lung Transplant Outcomes in Patients With Re-Vascularized Coronary Artery Disease

Jinwen Sui, *Scott B. Johnson, *Daniel T.

DeArmond, Nitin Das, *Ian A. Makey

University of Texas San Antonio, San Antonio, TX

8:15 am - 8:30 am

62. Donation After Cardiac Death Donors: A Single Center Experience

Joseph Costa, Sowmya Sreekandh, Lori Shah,

Hilary Robbins, Kashif Raza, Selim Arcasoy,

*Joshua R. Sonett, Frank D'Ovidio

Columbia University Medical Center, New York, NY

8:30 am - 8:45 am

63. Minimally Invasive Left Ventricular Assist Device (LVAD) Implantation Reduces Blood Product Utilization After Heart Transplant

*Denise Gilmore², Shi Huang¹, Yulia Khalina²,

Monica Djunaide², Mary Keebler³, Mark Wigger³,

Simon Maltais⁴, Ashish Shah², Matthew Danter²

¹Vanderbilt Medical Center, Nashville, TN; ²Vanderbilt

Medical Center, Nashville, TN; ³Vanderbilt Medical

Center, Nashville, TN; ⁴Mayo Clinic, Rochester, MN

8:45 am - 9:00 am

64. Is There a Difference in Bleeding After Left Ventricular Assist Device Implant: Centrifugal Versus Axial?

Ann C. Gaffey¹, Carol W. Chen¹, Jennifer J.

Chung¹, Jason Han¹, Joyce Wald², Michael A.

Acker¹, Pavan Atluri¹

¹University of Pennsylvania, Philadelphia, PA, Uganda;

²University of Pennsylvania, Philadelphia, PA, U.S.

9:00 am - 9:30 am

Break

9:30 am - 9:50 am

HAROLD URSCHER HISTORY LECTURESHIP

CME Credits Available: 0.25

Moderator: *John W. Hammon

65. A Surprising Alliance: Two Giants of the 20th Century

*Robert M. Sade

Medical University of South Carolina, Charleston, SC

9:50 am - 10:50 am

FOURTH SCIENTIFIC SESSION B

CME Credits Available: 1.0

Moderators: *David R. Jones and *S. Adil Husain

9:50 am - 10:05 am

66. Individual Assessment of Frailty Parameters in High-And Extreme-Risk Patients Who Underwent Transcatheter Aortic Valve Replacement

Jessica Forcillo¹, Jose F Condado Contreras¹, Yi-

An Ko², Michael Yuan², Vasilis Babaliarios¹, *Brad

Leshnower¹, Chandan Devireddy¹, *Eric L. Sarin¹,

James P Stewart¹, Hanna A Jensen¹, Peter C

Block¹, *Robert Guyton¹, *Vinod H. Thourani¹

¹Emory University, Atlanta, GA; ²Rollins School of Public Health-Emory University, Atlanta, GA

10:05 am - 10:20 am

67. Surgeon Leadership in the Operating Room: What Behaviors Best Support Surgical Teamwork?

Juliana Stone³, Francesca Gino², Emma L.

Aveling³, Morgan Shields³, Cameron Wright¹,

*Thor Sundt¹, Sara Singer^{1,3}

¹Massachusetts General Hospital, Boston, MA;

²Harvard Business School, Boston, MA; ³Harvard TH

Chan School of Public Health, Boston, MA

10:20 am - 10:35 am

68. Laparoscopic Synthetic Patch and Hepatic Buttress Repair of an Intrapericardial Diaphragmatic Hernia After Convergent "Hybrid" Maze Procedure

Andrew J. Kaufman¹, Eugene Kahn², Jon Villena²,

Justin Steele², Raja Flores¹

¹Icahn School of Medicine at Mount Sinai, New York,

NY; ²Mount Sinai Beth Israel, New York, NY

10:35 am - 10:50 am

69. Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve-in-Ring Implantation: A Word of Caution

*Sameh Said, Sorin Pislaru, Kunal Kotkar,

Charanjit Rihal, William Mauermann, *Hartzell

Schaff, *Joseph Dearani

Mayo Clinic, Rochester, MN

10:50 am - 11:50 am

HOW TO DO IT

CME Credits Available: 1.0

10:50 am - 11:05 am

Hyperthermic Intrathoracic Chemotherapy for Pleural Malignancies

*Daniel L. Miller

WellStar Health System, Marietta, GA

11:05 am - 11:20 am

Axillary Cannulation

*Joseph Coselli

Texas Heart Institute, Houston, TX

11:20 am - 11:35 am

3-D Printing

*Shanda Blackmon

Mayo Clinic, Rochester, MN

11:35 am - 11:50 am

How to Harvest a Skeletonized IMA

*Richard Lee

St. Louis University Hospital, St. Louis, MO

12:00 pm

MEETING ADJOURNED



GENERAL INFORMATION

MEETING LOCATION

Naples Grande Beach Resort
475 Seagate Drive
Naples, FL 34103
239-597.3232

HOTEL INFORMATION & RESERVATIONS

The Naples Grande Beach Resort is the site of the Southern Thoracic Surgical Association's 63rd Annual Meeting. The hotel overlooks the Gulf of Mexico and is located approximately 30 minutes from the Southwest Florida International Airport. Come enjoy the pristine white-sand beach and the crystal-blue waters of the Gulf while attending the STSA meeting.

A block of discounted hotel rooms is being held until Monday, October 10, 2016, 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/63rdannual and click on the direct link to the Naples Grande Beach Resort reservation system, where you can book your hotel reservation any time.
- **Telephone:** Call the hotel reservations department at **844.210.5931**. To qualify for the special meeting rate, be sure to mention that you are attending the STSA meeting, Group Code GSTS16.

Room Rate and Cancellation Information: The rate for a single or double room is \$279.00 per night plus 10% tax. There is an additional charge of \$20.00 per person for those 18 and older. Please note that the daily resort fee of \$35.00 is waived for STSA guests. If you wish to add the resort fee and its inclusions to your rate, you may do so at the Front Desk upon arrival.

Hotel Deposit: One night's deposit plus tax will be required for each reservation. The deposit is refundable on reservations cancelled (48) hours prior to the date of arrival.

A limited number of suites are available on a first-come, first-served basis. Suites can be booked online or directly with hotel reservations at 844.210.5931.

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

CONFERENCE REGISTRATION

Register online at www.stsa.org/63rdannual or complete and return the enclosed registration form. Early registration is available until October 10, 2016. 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.

Registration and Cancellation Policy:

Cancellation requests must be submitted in writing prior to October 10, 2016; unfortunately, STSA is unable to honor any subsequent requests. Refunds are subject to a \$50.00 administrative fee.

GETTING AROUND THE NAPLES GRANDE BEACH CLUB

The Naples Grande Beach Club is a full-service resort, nestled upon 23 acres in the heart of Naples. The Southwest Florida International Airport is located 30 miles from the hotel, and is serviced by most major airlines. You will find the resort has plenty to offer guests in the form of recreation and dining. A car would be needed if you wish to visit the nearby Naples area.

AIRPORT TRANSPORTATION

The resort does not provide shuttle service from the Southwest Florida International Airport (airport code RSW). There are several forms of ground transportation services available at the airport.

TAXI SERVICE

MBA Airport Transportation is the provider of taxi service at the airport. Taxis are available at the lower level curbside, door #3, outside

of baggage claim. Fares to the Naples Grande Beach Club, which is in zone 7, are approximately \$60.00. This rate is valid for up to three people; each additional person is \$10.00. Rates are regulated from the Southwest Florida International Airport by the Port Authority to your destination only and are subject to change. Rates to the airport are not regulated by the Port Authority.

SHARED OR PRIVATE CAR SERVICE

Airport ground transportation is also available through Dolphin Transportation. One-way private car service rates begin at \$118.00, inclusive of tax and gratuity. One-way shared ride rates begin at \$60.00 per person, inclusive of tax and gratuity. Shared arrival transportation is offered from 10:00 am until 6:00 pm; shared departure transportation is offered between 5:00 am and 5:00 pm.

Reservations can be made by phone or online.

Phone: Call 239.530.0100 and mention STSA to receive special rates

Online Reservations: Visit www.dolphinnaples.com. Select "Reserve Online" under the "Reservations" tab and enter the following username and password as a returning customer:

Username: stsa
Password: naples1

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# 04XS0005 when making reservations.

FOR ADDITIONAL INFORMATION

Contact STSA at 312.202.5892 or email stsa@stsa.org.

ACTIVITIES AND ENTERTAINMENT

HOSPITALITY SUITE

Thursday, November 10 - Saturday, November 12

Time: 8:00 am - 12:00 pm

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

PRESIDENT'S MIXER

Friday, November 11

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 \$25.00.

GOLF TOURNAMENT

Saturday, November 12

Time: Tee times begin at 12:50 pm

Cost: \$210.00 (Includes roundtrip transportation, greens fees and box lunch.)

Limited number of tee times available – be sure to register in advance!

Voted one of the 10 best new golf courses in Florida, come enjoy the private Naples Grande golf course designed for players of all skill levels. Acclaimed golf architect Rees Jones designed a par 72 championship course that proves both interesting and challenging. Each hole at this demanding golf course promises an exhilaratingly new experience. With extraordinary elevations and unique water features expertly incorporating the indigenous Florida foliage, this course offers stunning fairways for year-round play.

Rental clubs are available for \$70.00, and soft spike golf shoes may be rented for \$15.00. Rental items are not included in the golf tournament cost.

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.

ANNUAL AWARDS DINNER & DANCE

Saturday, November 12

Reception: 7:00 pm - 8:00 pm

Dinner: 8:00 pm - 11:00 pm

Cost: \$100.00 per adult / \$40.00 per child (ages 12 younger)

Conclude your 63rd Annual Meeting experience with the always-memorable Awards Dinner & Dance. Join fellow meeting attendees and their families for an evening of dinner and music.

We will have the return of WOOSAH!!!, a great band to include special jam sessions from our members' talent to play for us all night long. We have shortened the award presentations to maximize the time to socialize and enjoy your friends at the STSA. Although black tie is always in fashion, you are welcome to wear cocktail attire. Be comfortable and have fun! It will be the perfect finale to a great meeting.

NEW THIS YEAR! PRIVATE CHILDCARE DURING AWARDS DINNER & DANCE

Saturday, November 12

Time: 7:00 pm - 10:00 pm

Cost: \$50.00 per child

This private childcare option is for STSA guests only, and will offer games, entertainment and fun for children ages 4-11. Price includes childcare from 7:00 pm - 10:00 pm and a child-friendly dinner. Conveniently located near the Awards Dinner & Dance for easy drop-off and pick-up.

NAPLES GRANDE LOGGERHEADS KID'S CLUB

The Loggerheads Kids Club invites children ages 4 to 11 to experience a fun-filled day set to inspire all of their senses. Children will enjoy a variety of arts and crafts, water activities, video games and movies. The Loggerheads Kids Club is conveniently located adjacent to the Mangrove Pool. Reservations must be made by 9:00 pm the previous day and may be billed to your room. Please call 239.594.6787 for more information and reservations, or visit www.naplesgrande.com/resort/kids-club for additional details.

Hours:	Monday	9:00 am - 1:00 pm
	Tuesday	9:00 am - 1:00 pm
	Wednesday	5:00 pm - 10:00 pm
	Thursday	9:00 am - 1:00 pm
	Friday	5:00 pm - 10:00 pm
	Saturday	5:00 pm - 10:00 pm
	Sunday	Closed

**hours subject to change*

Cost: \$40.00 plus tax per child, daytime
\$50.00 plus tax per child, evening

This service is limited, please make reservations in advance.

CHILDCARE SERVICES

The Naples Grande Beach Resort recommends the following childcare providers:

My Naples Nanny

239.595.1922

www.mynaplesnanny.com

TLC

239.598.1515

www.atlcservice.com

RESORT ACTIVITIES AND LOCAL EXCURSIONS

In lieu of STSA-sponsored excursions on Saturday afternoon, STSA is offering attendees and their guests the opportunity to choose from a variety of activities throughout the week. The Naples Grande Tour Desk, located in the resort lobby, offers various off-site experiences to explore during your time in Naples. Highlights include Everglades airboat tours, deep sea and backwater fishing and wildlife encounters. For more information, visit www.naplesgrande.com/location/tours-experiences or contact the resort at 239.227.2182 and ask to be connected to the Tour Desk.

The Naples Grande Beach Resort features a long list of exciting and rejuvenating on-property activities. Three swimming pools, including a 100-foot waterslide, three miles of perfectly-manicured sugar-sand private beach, and a full service organic spa are among the most popular. Visit www.naplesgrande.com or contact the Concierge team at 239.254.5600 for more information.