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ADVANCE PROGRAM



SOUTHERN THORACIC SURGICAL ASSOCIATION 62ND ANNUAL MEETING

NOVEMBER 4-7, 2015 | DISNEY'S YACHT & BEACH CLUB RESORTS

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 62nd Annual Meeting, November 4-7, 2015, at Disney's Yacht & Beach Club Resorts in Lake Buena Vista, 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 case presentations featuring mistakes and pitfalls in the OR, specialty-specific breakout sessions, and a special session presentation by Tirone E. David, MD. The Program Committee carefully considered the comments and suggestions received from last year's attendees when creating the 2015 Program. The Scientific Sessions will again feature cardiac, thoracic, congenital, and transplant breakout sessions as well as special History and Coding presentations. All sessions have been scheduled to allow for plenty of opportunities for thoughtful discussion. There will also be time for attendees to enjoy the camaraderie and fellowship that is such a big part of the STSA Annual Meeting experience.

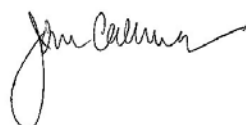
In addition to the educational sessions, please bring your whole family and enjoy the activities and entertainment offered at Disney. Disney's Yacht & Beach Club is a beautiful and charming property, located just steps away from *Epcot*® and a short drive from *Disney's Magic Kingdom*® and *Universal Studios*®. For those who bring children, there's an onsite Sandcastle Kids Club and affordable baby-sitting options available. There will also be guest appearances by Mickey and his friends with plenty of photo opportunities. The President's Mixer on Friday, November 6 will conclude at *Epcot*® – just in time for the fireworks display.

Annual Meeting attendees receive reduced room rates at Disney's Yacht Club and exclusive Disney theme park ticket options. Refer to page 11 of this brochure for additional information and instructions for making your hotel reservations. Please make any dinner or special event registrations early. Disney restaurants book early and the best ones may tie up even months in advance – don't get left out. There are several social activities planned for Saturday, November 7 that you won't want to miss, including the always-popular golf and fishing tournaments. Learn more about these outings on page 12.

Finally, I urge everyone to attend the Awards Dinner & Dance on Saturday evening. We have a great band that will play songs all night long for us. We have shortened the award presentations to maximize the time to socialize and enjoy your friends at the STSA. Most of all, although black tie is always in fashion, feel free to come in your own costume (Superhero, Superwoman, Superman, Renaissance, Gatsby, etc., nothing is off limits) to compete for the best-dressed, most-original, or most-outlandish. And if your idea of black tie is more casual, that will be fine as well.

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 Disney's Yacht & Beach Club!

Sincerely,



John H. Calhoon, MD
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 62nd Annual Meeting program.

PROGRAM COMMITTEE

Jeffrey P. Jacobs, MD (Co-Chair)
Stephen C. Yang, MD (Co-Chair)
John H. Calhoon, MD
Richard K. Freeman, MD
Charles B. Huddleston, MD
S. Adil Husain, MD
Richard L. Lee, MD
Daniel L. Miller, MD
Himanshu J. Patel, MD
Richard L. Prager, MD

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Scott A. LeMaire, MD
Daniel L. Miller, MD
Richard L. Prager, MD

ABSTRACT REVIEWERS

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Elizabeth A. David, MD
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Chadrick E. Denlinger, MD
Daniel J. DiBardino, MD
Jeffrey D. McNeil, MD
Daniela Molena, MD
Tom C. Nguyen, MD
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Vinod H. Thourani, 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 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 62nd 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 4, 2015

7:45 pm - 10:00 pm

SURGICAL MOTION PICTURES

CME Credits Available: 2.25

Moderators: *Charles B. Huddleston and

*Himanshu J. Patel

7:45 pm - 8:00 pm

1V. Resection of a Large Tracheal Tumor with Esophageal Involvement

Mark Shapiro, Benjamin Lee, Robert Korst

The Valley Hospital, Ridgewood, NJ

8:00 pm - 8:15 pm

2V. Repair of Transposition (TGA) with Absent Pulmonary Valve (APV) Using Pulmonary Artery Retrenchment Technique

Graham D. Ungerleider, K C. Jones, *Yoshio Otaki,

Michael Walsh, *Ross M. Ungerleider

Wake Forest University, Winston-Salem, NC

8:15 pm - 8:30 pm

3V. Repair of Both Severe Pectus Excavatum Deformity and Ascending Aortic Root Aneurysm

Erik A. Beyer, James Jowers, Erin Gautney

Baptist Health Little Rock, Little Rock, AR

8:30 pm - 8:45 pm

4V. The P.O.E.M. Procedure for Achalasia: From Outside to Inside in 100 years

Brian E. Louie, Andreas Schneider, Heather F. Warren, Ralph W. Aye

Swedish Cancer Institute, Seattle, WA

8:45 pm - 9:00 pm

5V. When the Bidirectional Glenn Is an Unfavorable Option: Primary Extracardiac Inferior Cavopulmonary Connection as an Alternative Palliation

Ali Dodge-Khatami, Avichal Aggarwal, Mary B. Taylor,

Douglas Maposa, *Jorge D. Salazar

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

9:00 pm - 9:15 pm

6V. Post-infarct Ventricular Septal Rupture: Surgical Repair, Pitfalls and Safeguards

Michael S. Halbreiner, Andres Kursbaum, Jose Navia

Cleveland Clinic, Cleveland, OH

9:15 pm - 9:30 pm

7V. Aortic Valve Reconstruction for Endocarditis

Domenico Mazzitelli¹, Christian Noebauer¹,

*J. Scott Rankin², Christian Schreiber¹, Ruediger Lange¹

¹German Heart Center Munich, Munich, Germany; ²BioStable Science and Engineering, Inc., Austin, TX

9:30 pm - 9:45 pm

8V. Half Pantaloon ("Florida-shaped") Patch for Repair of Anomalous Left Coronary Artery from the Pulmonary Artery (ALCAPA)

Graham D. Ungerleider, K C. Jones, *Yoshio Otaki,

George Verghese, *Ross M. Ungerleider

Wake Forest University, Winston-Salem, NC

9:45 pm - 10:00 pm

9V. Mediastinal Teratoma Causing Superior Vena Cava Compression

Joshua Sonett, Gopal Singh, Joe Costa, Marc Bessler,

Frank D'Ovidio, Matthew Bacchetta, Lyall Gorenstein,

Mark Ginsburg

Columbia University Medical Center, New York, NY

** Schedule subject to change.

*Indicates STSA Member

7:00 am - 12:00 pm

STSA POSTGRADUATE PROGRAM

CME Credits Available: 4.5

GENERAL SESSION

Mistakes/Pitfalls Case Presentations

Moderator: *Kevin Accola

7:00 am - 7:22 am

Aortic Case Presentation

Presenter: *Anthony L. Estrera

University of Texas Houston Medical School, Houston, TX

7:22 am - 7:44 am

Adult Cardiac Case Presentation

Presenter: *V. Seenu Reddy

TriStar Cardiovascular Surgery, Nashville, TN

7:44 am - 8:06 am

General Thoracic Case Presentation: Recovery from Esophageal Disasters & Failure

Presenter: *Scott B. Johnson

University of Texas Health Science Center, San Antonio, TX

8:06 am - 8:28 am

Transplant Case Presentation: Lung Transplantation Pulmonary Venous Obstruction

Presenter: *Thomas C. Wozniak

Methodist Hospital of Indiana, St. Vincent Hospital of Indianapolis, Indianapolis, IN

8:30 am - 8:45 am

Break

ADULT CARDIAC BREAKOUT

Moderators: *Faisal G. Bakaeen and

*Thomas M. Beaver

8:45 am - 9:12 am

Valve-sparing Root Replacement Techniques

*Edward P. Chen

Emory University, Atlanta, GA

9:12 am - 9:39 am

Minimally Invasive and Off-pump Placement of Durable VADS

*Simon Maltais

Vanderbilt Heart and Vascular Institute, Nashville, TN

9:39 am - 10:05 am

Current Management of Type A and B Acute Dissection

*Himanshu J. Patel

University of Michigan Cardiovascular Center, Ann Arbor, MI

GENERAL THORACIC BREAKOUT

Moderators: *Melanie A. Edwards and

*John A. Howington

8:45 am - 9:12 am

Pancoast Tumor Resection – Anterior Approach

*Garrett L. Walsh

University of Texas MD Anderson Cancer Center, Houston, TX

9:12 am - 9:39 am

Robotic Thymectomy: Tips, Pitfalls and Long Term Outcomes

*Richard K. Freeman

St. Vincent's Health and Hospital System/Indiana Heart Institute, Indianapolis, IN

9:39 am - 10:05 am

POEM

TBA

CONGENITAL BREAKOUT

Moderators: *Carl L. Backer and *Robert J. Dabal

8:45 am - 9:12 am

AV Valve Repair in Single Ventricle Patients

*Paul J. Chai

Morgan Stanley Children's Hospital of New York/Columbia University Medical Center, New York, NY

9:12 am - 9:39 am

Tricuspid Valve Repair

*Joseph A. Dearani

Mayo Clinic, Rochester, MN

9:39 am - 10:05 am

Body & Brain Protection During Arch Repair

*Jorge D. Salazar

University of Mississippi Medical Center, Jackson, MS

10:05 am - 10:20 am

Break

GENERAL SESSION

Special Topics in Cardiothoracic Surgery

Moderators: *Daniel L. Miller and *Thomas C. Wozniak

10:20 am - 10:50 am

ECMO – Past, Present, and Future

Robert H. Bartlett

University of Michigan, Ann Arbor, MI

10:50 am - 11:20 am

Role of the Thoracic Surgeon in the ICU

Glenn J. R. Whitman

Johns Hopkins University, Baltimore, MD

SPECIAL SESSION

11:20 am - 12:00 pm

Lifelong Observations on Heart Valve Surgery

Tirone E. David

Toronto General Hospital, Toronto, ON, Canada

12:00 pm - 1:00 pm

Break – Visit Exhibits

12:00 pm - 4:00 pm

EXHIBIT OPENS

1:00 pm - 2:00 pm

ETHICS DEBATE & PUBLIC REPORTING UPDATE

CME Credits Available: 1.0

Moderator: *Robert M. Sade

1:00 pm - 1:50 pm

Should Family Presence Be Allowed During Cardiopulmonary Resuscitation?

Pro: Karen J. Brasel

Oregon Health Sciences University, Portland, OR

Con: John W. C. Entwistle, III

Thomas Jefferson University, Philadelphia, PA

1:50 pm - 2:00 pm

Public Reporting of Thoracic and Cardiac Surgical Outcomes with the STS Database: How & Why

*Jeffrey P. Jacobs

Johns Hopkins All Children's Heart Institute, St. Petersburg, FL

2:00 pm - 2:30 pm

Break – Visit Exhibits

2:30 pm - 5:00 pm

FIRST SCIENTIFIC SESSION

CME Credits Available: 2.5

Moderators: *John H. Calhoun and *Daniel L. Miller

2:30 pm - 2:45 pm

1. Use of Del Nido Cardioplegia in Adults Undergoing Coronary Artery Bypass Surgery

Gustavo E. Guajardo Salinas, Michio Kajitani,

Michael Nolen, Roger Nutt

Arkansas Heart Hospital, Little Rock, AR

2:45 pm - 3:00 pm

2. Updated Outcomes for Coronary Reoperations: A 20-year Experience

*Simon Maltais, Chaim Locker, David Joyce, *Lyle D. Joyce,

*Richard C. Daly, *Kevin L. Greason, *Hartzell V. Schaff,

*John Stulak

Mayo Clinic, Rochester, MN

3:00 pm - 3:15 pm

3. Variation in Pulmonary Resection Practices: A Comparative Analysis of the STS and ESTS General Thoracic Surgery Databases

Christopher W. Seder¹, Michele Salati², *Benjamin D.

Kozower³, Cameron D. Wright⁴, Pierre-Emmanuel Falcoz⁵,

Alessandro Brunelli⁶, *Felix G. Fernandez⁷

¹Rush University Medical Center, Chicago, IL; ²Ospedali Riuniti

Ancona, Ancona, Italy; ³University of Virginia, Charlottesville, VA;

⁴Massachusetts General Hospital, Boston, MA; ⁵Nouvel Hopital

Civil, Strasbourg, France; ⁶St. James's University Hospital, Leeds,

United Kingdom; ⁷Emory University, Atlanta, GA



3:15 pm - 3:30 pm

4. Mortality Trends in Pediatric and Congenital Heart Surgery: An Analysis of the STS Congenital Heart Surgery Database

*Jeffrey P. Jacobs^{1,5}, Xia He², *John E. Mayer, Jr.³, *Erle H. Austin, III⁴, *James A. Quintessenza^{1,5}, Tom R. Karl^{1,5}, *Luca Vricella⁵, *Constantine Mavroudis^{6,5}, Sean M. O'Brien², Sara K. Pasquali⁷, Kevin D. Hill², *S. Adil Husain⁸, David M. Overman⁹, Jane M. Han¹⁰, David M. Shahian¹¹, *Duke Cameron⁵, Marshall L. Jacobs⁵

¹Johns Hopkins All Children's Heart Institute, St. Petersburg, FL; ²Duke Clinical Research Institute, Duke University, Durham, NC; ³Boston Children's Hospital, Harvard University, Boston, MA; ⁴University of Louisville, Louisville, KY; ⁵Johns Hopkins University, Baltimore, MD; ⁶Florida Hospital for Children, Orlando, FL; ⁷C. S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI; ⁸University of Texas Health Sciences Center at San Antonio, San Antonio, TX; ⁹The Children's Heart Clinic at Children's Hospitals and Clinics of Minnesota, Minneapolis, MN; ¹⁰The Society of Thoracic Surgeons, Chicago, IL; ¹¹Massachusetts General Hospital, Department of Surgery and Center for Quality and Safety, Harvard University, Boston, MA

3:30 pm - 3:45 pm

5. The Society of Thoracic Surgeons Lung Cancer Resection Risk Model: Higher Quality Data and Superior Outcomes

*Felix G. Fernandez¹, Andrzej Kosinski², *William Burfeind³, Bernard Park⁴, Malcolm M. DeCamp⁵, Christopher W. Seder⁶, *M. B. Marshall⁷, *Mitchell Magee⁸, Cameron D. Wright⁹, *Benjamin D. Kozower¹⁰

¹Emory University, Atlanta, GA; ²Duke University, Durham, NC; ³St. Luke's University Health Network, Bethlehem, PA; ⁴Memorial Sloan Kettering Cancer Center, New York, NY; ⁵Northwestern University, Chicago, IL; ⁶Rush University, Chicago, IL; ⁷Georgetown University, Washington, DC; ⁸Medical City Hospital, Dallas, TX; ⁹Massachusetts General Hospital, Boston, MA; ¹⁰University of Virginia, Charlottesville, VA

3:45 pm - 4:00 pm

6. Characterizing the Operative Experience of Cardiothoracic Surgery Residents in the United States: What are residents really doing in the operating room?

*Asad A. Shah¹, Muhammad Aftab⁴, Vakhtang Tchanchaleishvili¹², Damien LaPar², Elizabeth Stephens³, Dustin Walters⁵, Walter DeNino⁶, David Odell⁷, Michael Robich⁴, Marisa Cevasco⁸, Amanda Eilers⁹, Erin Gillaspie⁸, Andrew Goldstone¹⁰, Tarek Malas¹³, Robert Rice⁹, Ryan Shelstad¹¹, Nicholas D. Andersen¹

¹Duke University, Durham, NC; ²University of Virginia, Charlottesville, VA; ³Columbia University, New York, NY; ⁴Cleveland Clinic, Cleveland, OH; ⁵University of Washington, Seattle, WA; ⁶Medical University of South Carolina, Charleston, SC; ⁷University of Pittsburgh, Pittsburgh, PA; ⁸Harvard University, Boston, MA; ⁹University of Texas, San Antonio, TX; ¹⁰University of Pennsylvania, Philadelphia, PA; ¹¹University of Colorado, Aurora, CO; ¹²University of Rochester, Rochester, NY; ¹³University of Canada, Ottawa, AB, Canada

4:00 pm - 4:15 pm

7. Cardiac Transplantation for Adults With Congenital Heart Disease: An Analysis of the UNOS Registry

Dipesh K. Shah¹, Salil V. Deo², Salah Altarabsheh⁴, Sachin Kumar², Jeffery Teuteberg³, Soon J. Park², Robert L. Kormos^{1,3}, Harold Burkhart⁵, *Victor Morell⁶

¹University of Pittsburgh Medical Center, Pittsburgh, PA; ²University Hospitals, Cleveland, OH; ³Heart and Vascular Institute, UPMC, Pittsburgh, PA; ⁴Queen Alia Heart Institute, Amman, Jordan; ⁵University of Oklahoma Health Sciences Center, Oklahoma City, OK; ⁶Children's Hospital of Pittsburgh, Pittsburgh, PA

4:15 pm - 4:30 pm

8. Predictors of Major Morbidity or Mortality After Resection for Esophageal Cancer: A Society of Thoracic Surgeons General Thoracic Surgery Database Risk Adjustment Model

Daniel Raymond¹, Christopher W. Seder², Cameron Wright³, *Mitchell Magee⁴, Andrzej Kosinski⁵, *Stephen Cassivi⁶, *Eric Grogan⁷, *Shanda Blackmon⁶, Mark Allen⁶, Bernard Park⁸, *William Burfeind⁹, *Andrew Chang¹⁰, Malcolm M. DeCamp¹¹, David Wormuth¹², *Felix G. Fernandez¹³, *Benjamin D. Kozower¹⁴

¹Cleveland Clinic, Cleveland, OH; ²Rush University Medical Center, Chicago, IL; ³Massachusetts General Hospital, Boston, MA; ⁴COR Specialty Associates, Dallas, TX; ⁵Duke University Medical Center, Durham, NC; ⁶Mayo Clinic, Rochester, MN; ⁷Vanderbilt University, Nashville, TN; ⁸Memorial Sloan Kettering, New York, NY; ⁹St. Luke's Health Network, Bethlehem, PA; ¹⁰University of Michigan, Ann Arbor, MI; ¹¹Northwestern University, Chicago, IL; ¹²SUNY Upstate Medical Center, Syracuse, NY; ¹³Emory University, Atlanta, GA; ¹⁴University of Virginia Health System, Charlottesville, VA

4:30 pm - 4:45 pm

9. The Influence of Pulmonary Hypertension on Outcomes After Conventional and Transcatheter Aortic Valve Replacement in a Population Based Analysis

*Himanshu J. Patel¹, Morley A. Herbert², Edward Murphy³, Andrew Pruitt⁴, Patricia F. Theurer¹, *Richard Prager¹

¹University of Michigan Cardiovascular Center, Ann Arbor, MI; ²Southwest Data Consultants, Dallas, TX; ³Spectrum Health Center, Grand Rapids, MI; ⁴St. Joseph Mercy Health System, Ann Arbor, MI

4:45 pm - 5:00 pm

10. A Decade of Transapical Aortic Valve Implantation: Lessons Learned and First Data on Valve Behavior Beyond Eight Years

Nestoras Papadopoulos, Rainer Wenzel, Stephan Fichtlscherer, Marlene Thudt, Andres Beiras, Anton Moritz, Andreas Zierer
Goethe University Hospital, Frankfurt am Main, Germany

6:45 am - 11:30 am

EXHIBITS OPEN

7:00 am - 7:50 am

BASIC SCIENCE FORUM

CME Credits Available: 0.75

Moderators: *Chadrick E. Denlinger and

*Jennifer S. Lawton

7:00 am - 7:08 am

1B. Dendrimer Nanotherapy for Brain Injury in a Canine Model of Hypothermic Circulatory Arrest

Joshua C. Grimm¹, Trent Magruder¹, Fan Zhang¹, Manoj Mishra¹, Mary E. Blue², Sujatha Kannan¹, Mary A. Wilson², Chris M. Sciortino¹, Michael V. Johnston², Rangaramanujam M. Kannan¹, *William A. Baumgartner¹

¹Johns Hopkins University, Baltimore, MD; ²Kennedy Krieger Institute, Baltimore, MD

7:08 am - 7:16 am

2B. Adenosine A2B Receptor Antagonism Attenuates Lung Ischemia-reperfusion Injury

Mary E. Hueter¹, Ashish Sharma², *Irving L. Kron², Victor E. Laubach²

¹University of Illinois, Chicago, IL; ²University of Virginia, Charlottesville, VA

7:16 am - 7:24 am

3B. Short-term Unloading by Left Ventricular Assist Device After Acute Myocardial Infarction Attenuates Left Ventricular Remodeling and Dysfunction Through Inhibition of MMP-2-mediated Apoptosis

Charlie Evans¹, Tieluo Li¹, Xufeng Wei¹, Pablo Sanchez¹, Shuying Li¹, Zhongjun Wu², *Bartley P. Griffith¹

¹University of Maryland School of Medicine, Baltimore, MD;

²University of Louisville, Louisville, KY

7:24 am - 7:32 am

4B. Partial False Lumen Thrombosis Results in an Increase in False Lumen Blood Pressure in an Ex Vivo Porcine Model of Type B Aortic Dissection

Apoorva Girish, Muralidhar Padala, Kanika Kalra, Ravi K. Veeraswamy, *Edward P. Chen, *Bradley Leshnower

Emory University, Atlanta, GA

7:32 am - 7:40 am

5B. Characterization of Indeterminate Pulmonary Nodules Using a Novel Algorithm Incorporating Clinical, Radiographic and Serum Biomarker Profiles

David D. Shersher, Christopher W. Seder, Palmi Shah, Maria D. Martin, Ravi Pithadia, Sanjib Basu, Christina Fhied, Gary W. Chmielewski, William Warren, Michael J. Liptay, Jeffrey A. Borgia

Rush University Medical Center, Chicago, IL

7:40 am - 7:48 am

6B. Understanding Pulmonary Valve Architecture and Variation: Implications for the Ross Procedure

Hayden Joseph¹, Conner Ryan¹, William N. Fancher³, Lauren C. Kane¹, Nitin A. Das¹, S. Adil Husain¹, William Northrup², *John H. Calhoun¹

¹University of Texas Health Science Center San Antonio, San Antonio, TX; ²Cryolife, Kennesaw, GA; ³DeBusk College of Osteopathic Medicine, Cumberland Gap, TN

7:50 am - 8:00 am

Break - Visit Exhibits

8:00 am - 10:00 am

SECOND SCIENTIFIC SESSION

CME Credits Available: 2.0

Moderators: *Jeffrey P. Jacobs and *Stephen C. Yang

8:00 am - 8:15 am

11. Minimally Invasive Mitral Valve Surgery Has Superior Outcomes to Conventional Sternotomy Without Increased Costs

Emily A. Downs¹, Lily Johnston¹, *Damien J. LaPar¹, *Ravi K. Ghanta¹, *Irving L. Kron¹, *Alan M. Speir², Clifford E. Fonner³, *John A. Kern¹, *Gorav Ailawadi¹

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

8:15 am - 8:30 am

12. One Hundred Planned Robotic Segmentectomies: Early Results, Technical Details and Preferred Port Placement

Caroline C. Watson, *Robert J. Cerfolio, Sandra Calloway, *Douglas Minnich, *Benjamin Wei

University of Alabama, Birmingham, AL

8:30 am - 8:45 am

13. Anomalous Aortic Origin of the Coronary Arteries: The Impact of Major Associated Congenital Cardiac Lesions

*James St. Louis

Children's Mercy Hospital, Kansas City, MO

8:45 am - 9:00 am

14. Impact of Sublobar Resection on Pulmonary Function: Long-term Results From ACOSOG Z4032 (Alliance), A Randomized Phase III Trial

Hiran Fernando¹, Sumithra Mandrekar⁸, *Rodney J. Landreneau², Francis Nichols³, Thomas DiPetrillo⁴, Bryan Meyers⁵, Michael Kent⁶, Dwight Heron⁷, David Jones¹¹, Angelina Tan⁸, Sandra Starnes⁹, Joe Putnam¹⁰

¹Boston University, Boston, MA; ²Allegheny General Hospital, Pittsburgh, PA; ³Mayo Clinic, Rochester, MN; ⁴Rhode Island Hospital, Providence, RI; ⁵Washington University, St. Louis, MO; ⁶Beth Israel Deaconess Hospital, Boston, MA; ⁷University of Pittsburgh, Pittsburgh, PA; ⁸Alliance Statistics and Data Center, Mayo Clinic, Rochester, MN; ⁹University of Cincinnati, Cincinnati, OH; ¹⁰Vanderbilt University Medical Center, Nashville, TN; ¹¹Memorial Sloan Kettering Cancer Center, New York, NY

9:00 am - 9:15 am

15. Outcomes of Re-intervention on the Left Ventricular Outflow Tract Following Ross Procedure

Neeraj Bansal, S. Ram Kumar, Winfield J. Wells, Vaughn A. Starnes

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

9:15 am - 9:30 am

16. The Future of the Academic Cardiothoracic Surgeon: Results of the TSRA/TSDA In-training Exam Survey

Elizabeth H. Stephens¹, Asad A. Shah², Michael P. Robich³, Dustin Walters⁴, Walter DeNino⁵, Muhammad Aftab³, Vakhtang Tchanchaleishvili⁶, Amanda Eilers⁷, Robert Rice⁸, Andrew Goldstone⁹, Ryan Shelstead¹⁰, Tarek Malas¹¹, Marisa Cevasco¹², Erin Gillaspie¹³, David Odell¹⁵, Damien J. LaPar¹⁴

¹Columbia University Medical Center, New York, NY; ²Duke University, Durham, NC; ³Cleveland Clinic, Cleveland, OH; ⁴University of Washington, Seattle, WA; ⁵Medical University of South Carolina, Charleston, SC; ⁶University of Rochester, Rochester, NY; ⁷University of San Antonio, San Antonio, TX; ⁸University of Texas MD Anderson Cancer Center, Houston, TX; ⁹University of Pennsylvania, Philadelphia, PA; ¹⁰Oregon Health and Sciences University, Portland, OR; ¹¹Ottawa Heart Institute, Ottawa, ON, Canada; ¹²Brigham and Women's, Boston, MA; ¹³Mayo Clinic, Rochester, MN; ¹⁴University of Virginia, Charlottesville, VA; ¹⁵University of Pittsburgh, Pittsburgh, PA

9:30 am - 9:45 am

17. Cerebral Oximetry in Cardiac Surgery: Can We Trust It?

Daniel C. Lee¹, Douglas S. Pfeil², Harry L. Graber², Daqing Piao³, Lei Ding⁴, Han Yuan¹, Donald E. Stowell¹, *Marvin Peyton¹, Harold Burkhart¹, Randall L. Barbour²

¹University of Oklahoma College of Medicine, Oklahoma City, OK; ²State University of New York Downstate Medical Center, Brooklyn, NY; ³Oklahoma State University, Stillwater, OK; ⁴University of Oklahoma College of Engineering, Norman, OK

9:45 am - 10:00 am

18. Isolated Tricuspid Valve Surgery: Outcomes, Trends and Identification of Low-risk Clinical Criteria in the Contemporary Surgical Era

*Damien J. LaPar^{1,2}, *John A. Kern^{1,2}, *Ravi K. Ghanta^{1,2}, Leora T. Yarboro^{1,2}, *Mohammed Quader^{4,2}, *Jeffrey B. Rich², *Irving L. Kron^{1,2}, *Alan M. Speir^{3,2}, *Gorav Ailawadi^{1,2}

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

10:00 am - 10:30 am

Break - Visit Exhibits

10:30 am - 12:00 pm

GENERAL SESSION

CME Credits Available: 1.5

10:30 am - 10:50 am

Kent Trinkle Education Lectureship

*John S. Ikonomidis

Medical University of South Carolina, Charleston, SC

10:50 am - 11:20 am

President's Invited Lecturer

David A. Fullerton

University of Colorado Denver, Aurora, CO

11:20 am - 12:00 pm

Presidential Address

*John H. Calhoun

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

12:00 pm - 4:00 pm

EXHIBITS OPEN

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: *Richard L. Lee and *Tom C. Nguyen

2:00 pm - 2:15 pm

19. Equivalent Operative Risk with Improved Mid-term Survival in the David V Valve Sparing Root Replacement Compared with Mechanical Valve Conduits for Aortic Root Aneurysms

Jiro Esaki¹, *Bradley Leshnower², Jose Binongo², Yi Lasajanak², *Michael Halkos², *Robert Guyton², *Edward P. Chen²

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

2:15 pm - 2:30 pm

20. Long-term Results Following Pericardial Patch Augmentation for Incompetent Bicuspid Aortic Valves: A Single Center Experience

Marlene Thudt, Nestoras Papadopoulos,

Andreas Zierer, Anton Moritz

University Hospital Frankfurt Main, Germany, Frankfurt am Main, Germany

2:30 pm - 2:45 pm

21. Learning Alternative Access Approaches for TAVR: Implications for New TAVR Centers

Matthew C. Henn, Thomas Percival, Alan Zajarias, Spencer J. Melby, Brian R. Lindman, Nishath Quader, *Ralph J. Damiano, *Marc R. Moon, John M. Lasala, Ravinder Rao, Jennifer Bell, Marci S. Damiano, *Hersh S. Maniar

Washington University School of Medicine, Barnes-Jewish Hospital, St. Louis, MO

2:45 pm - 3:00 pm

22. Valve Selection in End Stage Renal Disease: Should it Always Be Biological?

*Matthew Williams, Joseph E. Bavaria, Michael Acker, Nimesh D. Desai, Prashanth Vallabhajosyula, Walter C. Hargrove, Pavan Atluri, Wilson Y. Szeto

University of Pennsylvania, Philadelphia, PA

3:00 pm - 3:15 pm

23. Alternative Access TAVR Is Safe at Higher Society of Thoracic Surgeons Predicted Risk of Mortality Scores

Hanna A. Jensen, Jose Condado, *Bradley Leshnower, Jose Binongo, Chandan Devireddy, *Eric Sarin, Vasilis Babaliaros, Amjad Syed, Stamatios Lerakis, Kretan Mavromatis, *James P. Stewart, Brian Kaebnick, Mohammad Rajaei, Amy Simone, Patricia Keegan, *Robert Guyton, Peter Block, *Vinod H. Thourani

Emory University, Atlanta, GA

3:15 pm - 3:30 pm

24. Reinforcing Atrial P2 Stitch May Reduce Dehiscence in Undersized Mitral Annuloplasty

Dawn Hui, Jack Chen, *Richard Lee

St. Louis University School of Medicine, St. Louis, MO

GENERAL THORACIC BREAKOUT

Moderators: *Traves B. Crabtree and *Richard K. Freeman

2:00 pm - 2:15 pm

25. Outcomes of Major Lung Resection After Induction Therapy for Non-small Cell Lung Cancer in Elderly Patients

Chi-Fu Jeffrey Yang, Ryan Meyerhoff, Nicholas Mayne, Hanghang Wang, Sameer Hirji, *Betty C. Tong, Mark Onaitis, Matthew Hartwig, *David Harpole, *Thomas A. D'Amico, *Mark Berry

Duke University, Durham, NC

2:15 pm - 2:30 pm

26. Recurrence and Survival After Segmentectomy in Patients With Prior Lung Resection for Early Stage Non-Small Cell Lung Cancer (E-NSCLC)

Lisa M. Brown, Brian E. Louie, Nicole Jackson, Alexander S. Farivar, Ralph W. Aye, Eric Vallieres

Swedish Cancer Institute, Seattle, WA

2:30 pm - 2:45 pm

27. The Influence of Reconstructive Technique on Perioperative Outcomes Following Chest Wall Resection

Jonathan D. Spicer, Jitesh B. Shewale, Mara B. Antonoff, Arlene M. Correa, Wayne Hofstetter, David C. Rice, *Ara Vaporciyan, Reza Mehran, *Garrett L. Walsh, *Jack A. Roth, *Swisher G. Stephen, *Boris Sepesi

University of Texas MD Anderson Cancer Center, Houston, TX

2:45 pm - 3:00 pm

28. Does Lymph Node Count Influence Survival in Surgically Resected NSCLC?

*Elizabeth A. David^{1,2}, Yingjia Chen³, David T. Cooke¹, Rosemary Cress^{3,4}

¹UC Davis Medical Center, Sacramento, CA; ²David Grant Medical Center, Travis AFB, CA; ³UC Davis School of Medicine, Davis, CA;

⁴Cancer Registry of Greater California, Sacramento, CA

3:00 pm - 3:15 pm

29. Robotic versus Thoracoscopic Resection for Lung Cancer: Early Results of a New Robotic Program

Benedetto Mungo, Craig M. Hooker, Janelle S. Ho, *Stephen C. Yang, Richard Battafarano, *Malcolm V. Brock, *Daniela Molena

Johns Hopkins University, Baltimore, MD

3:15 pm - 3:30 pm

30. Time Is Money: Hospital Costs Associated with VATS Lobectomies

*Onkar V. Khullar, *Felix G. Fernandez, William Knechtle, Sebastian Perez, *Allan Pickens, *Manu Sancheti, *Seth D. Force

Emory University, Atlanta, GA

CONGENITAL BREAKOUT

Moderators: *James A. Quintessenza and
*James D. St. Louis

2:00 pm - 2:15 pm

31. Long-term Survival and Freedom From Re-operation Following Right Ventricular Outflow Tract Reconstruction Using Xenograft Valves

George M. Alfieri¹, Michael Swartz¹, Juan Lehoux¹, *Edward Bove²

¹University of Rochester, Rochester, NY; ²University of Michigan, Ann Arbor, MI

2:15 pm - 2:30 pm

32. Pulmonary Valve Repair for Patients With Acquired Pulmonary Valve Insufficiency

Sameh Said, *Richard D. Mainwaring, Michael Ma, Theresa Tacy, Frank L. Hanley

Stanford University School of Medicine, Stanford, CA

FRIDAY, NOVEMBER 6, 2015 (CONTINUED)

2:30 pm - 2:45 pm

33. Polytetrafluoroethylene Bicuspid Pulmonary Valve Replacement: A Five-year Experience in 119 Patients With Congenital Heart Disease

Cheul Lee¹, Chang-Ha Lee², Jae Gun Kwak²

¹Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea (the Republic of); ²Sejong General Hospital, Bucheon, Korea (the Republic of)

2:45 pm - 3:00 pm

34. The Trifecta Bioprosthetic Valve Is Associated With a Reduced Transvalvular Gradient Following Pulmonary Valve Replacement

Brian C. Gulack, Robert D. Jaquiss, Andrew J. Lodge
Duke University, Durham, NC

3:00 pm - 3:15 pm

35. Outcomes of Redo Pulmonary Valve Replacement for Bioprosthetic Pulmonary Valve Failure in 61 Patients With Congenital Heart Disease

Cheul Lee¹, Chang-Ha Lee², Jae Gun Kwak²

¹Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea (the Republic of); ²Sejong General Hospital, Bucheon, Korea (the Republic of)

3:15 pm - 3:30 pm

36. Intervention for Right Ventricular Outflow Tract Obstruction Following the Arterial Switch Operation at a Single Center

Joseph Nellis, Benton Ng, Osamah Aldoss, Dianne Atkins, *Joseph Turek
Carver College of Medicine, Iowa City, IA

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: *Anthony L. Estrera and *T. Brett Reece

4:00 pm - 4:15 pm

37. Imaging Surveillance After Proximal Aortic Surgery: Is it Necessary?

Alexander Iribarne, Jeffrey Keenan, Hanghang Wang, Ehsan Benrashid, James M. Meza, Asvin Ganapathi, *Jeffrey Gaca, *G. Chad Hughes
Duke University, Durham, NC

4:15 pm - 4:30 pm

38. Bicuspid Aortic Insufficiency With Aortic Aneurysm: Root Reimplantation versus Bentall Root Replacement Prashanth Vallabhajosyula, Caroline Komlo, Wilson Y. Szeto, Karianna Milewski, Fenton H. McCarthy, Nimesh D. Desai, Joseph E. Bavaria

¹University of Pennsylvania, Philadelphia, PA

4:30 pm - 4:45 pm

39. Risk of Mortality After Resolution of Spinal Malperfusion in Acute Dissection

Harleen K. Sandhu¹, Kristofer M. Charlton-Ouw^{1,2}, Charles C. Miller¹, Samuel S. Leake¹, Ali Aizzadeh^{1,2}, Tom C. Nguyen^{1,2}, *Anthony L. Estrera^{1,2}, *Hazim J. Safi^{1,2}
¹University of Texas Health Science Center at Houston, Houston, TX; ²Memorial Hermann Heart & Vascular Institute, Texas Medical Center, Houston, TX

4:45 pm - 5:00 pm

40. Contemporary Results of Elective Primary Aortic Root Replacement With and Without Hemiarth Repair

*Joseph S. Coselli^{1,2}, *Ourania Preventza^{1,2}, Kim I. de la Cruz^{1,2}, Susan Y. Green^{1,2}, Matt D. Price^{1,2}, *Scott A. LeMaire^{1,2}

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

GENERAL THORACIC BREAKOUT

Moderators: *Shanda H. Blackmon and *Pierre E. de Delva

4:00 pm - 4:15 pm

41. Clinical T2N0 Esophageal Cancer: When Is Induction Therapy Indicated?

Pamela Samson, Clifford Robinson, Craig Lockhart, Varun Puri, Stephen Broderick, *Daniel Kreisel, *A. Sasha Krupnick, *G. Alexander Patterson, *Bryan Meyers, *Traves Crabtree
Washington University, St. Louis, MO

4:15 pm - 4:30 pm

42. Surgical Enteral Access Is Not Required to Maintain Nutritional Status in Esophagectomy Patients Undergoing Neoadjuvant Therapy

Mary E. Huerter¹, Eric J. Charles², Yinin Hu², Christine Lau², James Isbell², *Benjamin D. Kozower²
¹University of Illinois, Chicago, IL; ²University of Virginia, Charlottesville, VA

4:30 pm - 4:45 pm

43. Palliation of Concomitant Tracheo-bronchial and Esophageal Disease Using a Combined Airway and Esophageal Approach

*Basil Nasir¹, Jordan Kazakov², Vicki Tiffault³, Pasquale Ferraro³, Moishe Liberman³
¹Vancouver General Hospital, Vancouver, BC, Canada; ²University Hospitals Case Medical Center, Cleveland, OH; ³Centre Hospitalier de l'Université de Montréal, Montreal, QC, Canada

4:45 pm - 5:00 pm

44. Complex Esophageal Reconstruction Procedures Have Similar Outcomes to Routine Esophagectomy

Jessica Moore, Craig M. Hooker, *Daniela Molena,

Benedetto Mungo, *Malcolm V. Brock, Richard

Battafarano, *Stephen C. Yang

Johns Hopkins University, Baltimore, MD

CONGENITAL BREAKOUT

Moderators: *Daniel J. DiBardino and *Jeffrey P. Jacobs

4:00 pm - 4:15 pm

45. Use of Extracellular Matrix for Repair of Congenital Defects in Pediatric Patients

Erin Harvey, Eric E. Roselli, Gosta Pettersson, Jahanzaib Idrees, *Robert Stewart
Cleveland Clinic, Cleveland, OH

4:15 pm - 4:30 pm

46. Comparison of Right Ventricle Function After Repair of Tetralogy of Fallot Using CorMatrix versus Bovine Pericardial Patch

TK Susheel Kumar, Ronak Naik, Jason Johnson, *Christopher J. Knott-Craig

Le Bonheur Children's Hospital, Memphis, TN

4:30 pm - 4:45 pm

47. Delayed Sternal Closure in Infant Heart Surgery – The Importance of Where and When: An Analysis of the STS Congenital Heart Surgery Database

Kristen Nelson McMillan¹, Christoph Hornik², Xia He³, *Luca Vricella¹, *Jeffrey P. Jacobs^{1,2}, Kevin D. Hill³, Sara K. Pasquali⁴, Diane Alejo¹, *Duke Cameron¹, Marshall L. Jacobs¹

¹Johns Hopkins University, Baltimore, MD; ²All Children's Hospital, St. Petersburg, FL; ³Duke University, Durham, NC; ⁴University of Michigan Heart Center, CS Mott Children's Hospital, Ann Arbor, MI

4:45 pm - 5:00 pm

48. Early Extubation Following Repair of Tetralogy of Fallot and the Fontan Procedure: An Analysis of The Society of Thoracic Surgeons Congenital Heart Surgery Database

William T. Mahle^{2,3}, *Jeffrey P. Jacobs¹, *Marshall L. Jacobs⁴, *Sunghee Kim⁵, Susan Nicolson⁶, *Paul M. Kirshbom⁷, Sara K. Pasquali⁸, *Erle H. Austin⁹, *Kirk R. Kanter³, *Kevin D. Hill^{10,5}

¹Johns Hopkins All Children's Heart Institute, St. Petersburg, FL; ²Children's Healthcare of Atlanta, Atlanta, GA; ³Emory University, Atlanta, GA; ⁴Johns Hopkins University, Baltimore, MD; ⁵Duke Clinical Research Institute, Durham, NC; ⁶Children's Hospital of Philadelphia, Philadelphia, PA; ⁷Yale School of Medicine, New Haven, CT; ⁸University of Michigan, Ann Arbor, MI; ⁹University of Louisville, Louisville, KY; ¹⁰Duke University, Durham, NC

5:00 pm - 6:00 pm

STSA ANNUAL BUSINESS MEETING

Members Only



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SATURDAY, NOVEMBER 7, 2015

7:00 am - 8:00 am

CODING, RUC & SGR UPDATE

CME Credits Available: 1.0

Moderator: *Jeffrey P. Jacobs

7:00 am - 7:20 am

Coding Update

*Jeffrey P. Jacobs

Johns Hopkins All Children's Heart Institute, St. Petersburg, FL

7:20 am - 7:40 am

RUC Update

*Peter K. Smith

Duke University, Durham, NC

7:40 am - 8:00 am

SGR Update

*Alan M. Speir

Fairfax Hospital, Falls Church, VA

8:00 am - 9:00 am

FOURTH SCIENTIFIC SESSION

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

CME Credits Available: 1.0

ADULT CARDIAC BREAKOUT

Moderators: *Bradley G. Leshnower and John M. Stulak

8:00 am - 8:15 am

49. Intensive Glucose Management in Non-diabetics Improves Resource Utilization in Patients with Perioperative Hyperglycemia Undergoing CABG: A Prospective Randomized Trial

Hanna A. Jensen, Guillermo Umpierrez, Jose Condado,

*Michael Halkos, *Omar Lattouf, *Robert Guyton,

*William B. Keeling, *Vinod H. Thourani

Emory University, Atlanta, GA

8:15 am - 8:30 am

50. Is There a Model to Predict Postoperative Pneumonia Following Isolated Coronary Artery Bypass Grafting?

Raymond J. Strobil¹, Qixing Liang¹, Min Zhang¹, Mary A. Rogers¹, Patricia F. Theurer¹, Astrid B. Fishstrom¹, Steven D. Harrington², Alphonse DeLucia³, Gaetano Paone⁴, *Richard L. Prager¹, Donald S. Likosky¹, Michigan Society of Thoracic and Cardiovascular Surgeons Quality Collaborative⁵

¹University of Michigan, Ann Arbor, MI; ²Henry Ford Macomb Hospitals, Clinton Township, MI; ³Bronson Methodist Hospital, Kalamazoo, MI; ⁴Henry Ford Hospital, Detroit, MI; ⁵For the Michigan Society of Thoracic and Cardiovascular Surgeons Quality Collaborative, Ann Arbor, MI

8:30 am - 8:45 am

51. Close Follow-up and Early Office Evaluation Reduces the Most Common Causes of Readmission After Cardiac Surgery

Ilia Gogichaishvili, Karen Rosa, *Nicolas A. Brozzi, *Edward B. Savage

Cleveland Clinic Florida, Weston, FL

8:45 am - 9:00 am

52. Malperfusion Syndromes in Acute DeBakey I Aortic Dissection: Open Repair With Concomitant Antegrade Stent Grafting of the Descending Thoracic Aorta

*Prashanth Vallabhajosyula¹, Jean Paul Gottret¹, Zara Abbas¹, Matthew Kramer¹, Rohan Menon¹, Aaron Pulsipher¹, *Alberto Pochettino², Kariana Milewski¹, *Wilson Y. Szeto¹, *Joseph E. Bavaria¹

¹University of Pennsylvania, Philadelphia, PA;

²Mayo Clinic, Rochester, MN

GENERAL THORACIC BREAKOUT

Moderators: *Elizabeth A. David and *Daniela Molena

8:00 am - 8:15 am

53. A Propensity Matched Assessment of Factors Predicting Improvement in Dyspnea in Adults Following Diaphragm Plication

*Richard K. Freeman, *Anthony J. Ascoti, Megan Dake, Raja S. Mahidhara

St. Vincent Hospital and Health System, Indianapolis, IN

8:15 am - 8:30 am

54. Thymic Rotational Flap: An Anastomotic Buttress Technique for Minimally Invasive Ivor-Lewis Esophagectomy

Jennifer L. Wilson, John Tillou, Sidhu P. Gangadharan, Jorind Beqari, Richard I. Whyte, Michael Kent

Beth Israel Deaconess Medical Center, Boston, MA

8:30 am - 8:45 am

55. Implications of Early Foley Removal in Thoracic Surgical Oncology Patients Utilizing Epidural Analgesia

Natalie Sanchez, Jitesh B. Shewale, Carla Baker, Sonia A. Wilks, Arlene M. Correa, Boris Sepesi, *Reza Mehran, *David C. Rice, Jack A. Roth, *Garrett L. Walsh,

*Swisher G. Stephen, *Ara Vaporciyan, *Wayne Hofstetter

University of Texas MD Anderson Cancer Center, Houston, TX

8:45 am - 9:00 am

56. Establishing a General Thoracic Surgery Subspecialty Program Improves Early and Long-term Outcomes in Patients Undergoing Lobectomy for Lung Cancer

*Mitchell Magee¹, Lynn Tumey¹, *Syma L. Prince², Morley A. Herbert¹

¹Medical City Dallas Hospital, Dallas, TX; ²CRSTI, Dallas, TX

CONGENITAL BREAKOUT

Moderators: *Charles B. Huddleston and *Kristine J. Guleserian

8:00 am - 8:15 am

57. Current Outcomes of Surgical Management of Aortopulmonary Window and Associated Cardiac Anomalies

*Bahaaldin Alsoufi, Ritu Sachdeva, Brian Schlosser, *Brian E. Kogon, *Kirk R. Kanter

Emory University, Atlanta, GA

8:15 am - 8:30 am

58. Repair of a Large Aortopulmonary Window in a 13-month Old

K C. Jones, Graham D. Ungerleider, *Yoshio Otaki, Michael Walsh, *Ross M. Ungerleider

Wake Forest University, Winston-Salem, NC



SATURDAY, NOVEMBER 7, 2015 (CONTINUED)

8:30 am - 8:45 am

59. Repair of Partial Atrioventricular Septal Defect: Age and Outcomes

Paul J. Devlin, *Carl L. Backer, Osama Eltayeb, Michael C. Monge, Amanda Hauck, John M. Costello
Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

8:45 am - 9:00 am

60. Intentional Delay versus Usual Management for Low Birth Weight Newborns With Congenital Heart Disease

Joanne W. Ho, Aaron Lemieux, Daniel Sisti, Florin Vaida, John Lamberti, *Daniel J. DiBardino
University of California, San Diego, San Diego, CA

TRANSPLANT BREAKOUT

Moderators: *Scott B. Johnson and *Mark S. Slaughter

8:00 am - 8:15 am

61. Utilization of Marginal Donors for Orthotopic Heart Transplantation Over Fifteen Years: Analysis of the United National Organ Database 2000-2014

Salil V. Deo¹, Dipesh Shah², Shannon Dunlay³, Sachin Kumar¹, Salah Altarabsheh⁴, Basar Sarreyupoglu¹, Benjamin Medalion¹, Jon Kobashigawa⁵, Biswajit Kar⁶, Robert Kormos², Soon J. Park¹

¹University Hospitals, Cleveland, OH; ²University of Pittsburgh Medical Center, Pittsburgh, PA; ³Mayo Clinic, Rochester, MN;

⁴Queen Alia Heart Institute, Amman, Jordan; ⁵Cedars Sinai Heart Institute, Los Angeles, CA; ⁶Memorial Hermann Health System, Houston, TX

8:15 am - 8:30 am

62. Timing and Frequency of Unplanned Readmissions After Lung Transplant Impacts Long-term Survival

Entela B. Lushaj, Walker Julliard, *Shahab Akhter, Satoru Osaki, James Maloney, Keith Meyer, Nilto DeOliveira

University of Wisconsin, Madison, WI

8:30 am - 8:45 am

63. Unconventional Institutional Volume-outcome Associations in Adult Extracorporeal Membrane Oxygenation in the U.S.

Fenton H. McCarthy, Katherine M. McDermott, Ashley C. Hoedt, Vinay U. Kini, Pavan Atluri, Ann C. Gaffey, Wilson Y. Szeto, Michael Acker, Nimesh D. Desai

University of Pennsylvania, Philadelphia, PA

8:45 am - 9:00 am

64. Does Donor Cardiopulmonary Resuscitation Time Affect Heart Transplantation Outcomes and Survival?

Allen Cheng, Jaimin Trivedi, *Mark Slaughter
University of Louisville, Louisville, KY

9:00 am - 9:30 am

Break

9:30 am - 9:50 am

HAROLD URSCHEL HISTORY LECTURESHIP

CME Credits Available: 0.25

Moderator: *John W. Hammon

65. C. Walton Lillehei – His Trials, His Triumphs, and the 200% Solution

*Erle H. Austin^{1,2}

¹University of Louisville, Louisville, KY; ²Kosair Children's Hospital, Louisville, KY

9:50 am - 12:00 pm

RECOGNITION & MANAGEMENT OF CARDIOTHORACIC SURGICAL MISADVENTURES

CME Credits Available: 2.0

Moderators: *Andrea J. Carpenter and *Richard L. Prager

9:50 am - 10:05 am

66. Atrial-esophageal Fistula Repair After Transvenous Radiofrequency Ablation for Atrial Fibrillation

Erik A. Beyer, James Jowers, Erin Gautney
Baptist Health Little Rock, Little Rock, AR

10:05 am - 10:20 am

67. Overcoming Obstacles in Robotic Lobectomy: Calcified Lymph Nodes

*Linda W. Martin¹, *Robert J. Cerfolio²

¹University of Maryland, Baltimore, MD; ²University of Alabama, Birmingham, AL

10:20 am - 10:35 am

68. Management of Pulmonary Artery Bleeding During Minimally Invasive Pulmonary Surgery

Kyle M. Bess, *Robert J. Cerfolio

University of Alabama, Birmingham, AL

10:35 am - 10:50 am

Techniques to Control Major Vascular Thoracic Injuries During Minimally Invasive Surgery

*Robert J. Cerfolio

University of Alabama, Birmingham, AL

10:50 am - 11:05 am

69. Disruptive Behavior in the Hospital

*Lynn H. Harrison, Jr., Natalie Pino

Baptist Hospital of Miami, Miami, FL

11:05 am - 11:20 am

Recognizing When Cognitive Dissonance Impedes Clinical Judgement

Gil Wernovsky

Miami Children's Hospital, Miami, FL

11:20 am - 11:35 am

70. Digital Drainage System Reduces Hospitalization After VATS Lung Resection

*Daniel L. Miller, *William Mayfield, *Theresa Luu,

*Gerald Helms

WellStar Health System, Marietta, GA

11:35 am - 11:50 am

71. A Systematic Approach to Prolonged Air Leak Reduction Following Pulmonary Resection

Nicholas Drahush, *James R. Headrick, Anna Royer,

*Jeremy Smith, Ashley D. Miller, Marlana Spiva

University of Tennessee College of Medicine, Chattanooga, TN

11:50 am

MEETING ADJOURNED

GENERAL INFORMATION

MEETING LOCATION

Disney's Yacht & Beach Club Resorts
1700 Epcot Resorts Blvd.
Lake Buena Vista, FL 32830
407.934.7000

HOTEL INFORMATION & RESERVATIONS

Disney's Yacht & Beach Club is the site of the Southern Thoracic Surgical Association's 62nd Annual Meeting. Themed after New England-style Resorts, Disney's Yacht & Beach Club Resorts combine casual elegance and formal grace along the waterfront. *Epcot*® and *Disney's Hollywood Studios*® theme parks are within walking distance or a quick water taxi ride away.

A block of rooms will be held at Disney's Yacht Club until October 5, 2015 at a special group rate of \$255 per night (plus tax), single or double occupancy.

Guest rooms at the group rate are limited, and are offered on a first-come, first-served basis; book early to secure your room at the reduced group rate. After October 5, reservations will be taken on a space-available basis. Check-in time is 3:00 p.m.; check-out time is 11:00 a.m.

There are two ways to make your hotel reservations at the group rate:

- **Online:** Visit www.stsa.org/62ndannual and click on the housing link to book your room.
- **Telephone:** Call the hotel group reservations department office at **407.939.4686**. To obtain the special group rate, be sure to mention that you are part of the STSA meeting. Group reservations hours of operation are as follows: Monday-Friday: 8:30 am - 6:00 pm; Saturday and Sunday: 8:30 am - 5:00 pm.

Hotel Deposit: One night's deposit plus tax will be required for each reservation. The deposit is refundable if reservations are cancelled at least five days prior to the date of arrival.

Reservation Confirmation, Modification, and

Cancellation Policy: If you book your hotel room online, you will receive an immediate e-mail stating that your room request has been received. Within five business days, you will receive a second e-mail providing you with a confirmation number. Your room is not confirmed until you receive this confirmation number.

Any modification or cancellation to your reservation must be made by calling the group reservations department at 407.939.4686 after the confirmation number is received. Please note that you will only be able to book your reservation for the nights of Tuesday, November 3 through Saturday, November 7 if booking online. To inquire about availability for an extended stay, please call group reservations at 407.939.4686.

CONFERENCE REGISTRATION

Register online at www.stsa.org/62ndannual or complete and return the enclosed registration form. Early registration is available until October 13, 2015. 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 Cancellation Policy: Cancellation requests must be submitted in writing prior to October 13, 2015; unfortunately, we are unable to honor any subsequent requests. Refunds are subject to a \$50.00 administrative fee.

GETTING TO THE RESORT - TRANSPORTATION INFORMATION

Orlando International Airport (MCO) is approximately 21 miles from the resort. Cab fare is estimated at \$65.00 one-way. There are several additional ground transportation options available to and from the airport:

Private Car Service: Private car service is available through Mears Transportation. Service begins at \$85.00 one-way. Reservations can be made online at MearsTransportation.com or by phone at 855.463.2776.

Disney's Magical Express Complimentary Shuttle Service:

Disney's Magical Express offers complimentary airport transportation to those with a confirmed room reservation at a Disney hotel. It is recommended that you make shuttle reservations 30 days in advance of your arrival. You cannot book this service upon arrival at the airport. The shuttle service will pick you up at the Disney Welcome Center on Level 1 of Main Terminal B at the Orlando International Airport. The trip takes approximately 45 to 75 minutes. The day prior to departure, passengers will receive a notice under their door indicating pick-up time for returning to the airport. Please note that this time will be three hours before your flight. To arrange for Disney's Magical Express, call 407.827.6777.

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. Use the discount code Convention Number (CV#) 04XS0003 when making reservations to secure the special car rental rate. Please note advance reservations are recommended, as cars are subject to availability.

ADDITIONAL DISNEY ACTIVITIES & INFORMATION

Getting around Disney: *Walt Disney World*® Resorts offers complimentary bus service that runs continuously from the Yacht & Beach Club Resorts to most Disney locations, including *Magic Kingdom*® Park. Buses can be boarded at the front of the resort and depart approximately every 30 minutes. *Epcot*® is a short 10-minute walk from the hotel and can be accessed by way of the International Gateway. *Disney Hollywood Studios*® is a 20-minute walk from the resort. *Epcot*® and *Hollywood Studios*® are also accessible by water taxis, which leave from the dock area behind the resort.

Disney MagicBand, Theme Park Tickets, and Dining Reservations: Disney guests now receive wristbands on arrival that replace traditional hotel room keys. In addition to hotel room entry, Disney MagicBands allow you to enter theme parks (valid ticket required); book dining reservations; charge food, merchandise, and recreation purchases to your room; access FastPass+ selections; and more! You may begin adding activities to your account any time prior to arrival and may have your MagicBand mailed to your home if you prefer. Visit www.MyDisneyExperience.com or download the My Disney Experience app to get started. For questions regarding the MagicBand program, please contact the Hotel Concierge at 407.934.7000.

FOR ADDITIONAL INFORMATION

Contact STSA at 800.685.7872 or e-mail stsa@stsa.org.

ACTIVITIES AND ENTERTAINMENT

HOSPITALITY SUITE

Thursday, November 5 - Saturday, November 7

Time: 8:30 am - Noon

A hospitality room will be available for STSA spouses and guests to mingle and make plans for exploring Walt Disney World® Resort.

PRESIDENT'S MIXER

Friday, November 6

Time: 7:00 pm - 9:00 pm

Cost: Attendees receive two tickets with registration. Additional tickets may be purchased for \$25.00.

Special Note: Tickets will be collected and each member of your party must have a ticket to enter to the President's Mixer. Small children will be allowed to enter with a ticket-holding adult.

Gather with fellow meeting attendees for an evening of networking and fun. Bring the entire family and enjoy photo opportunities with Mickey. The Mixer will conclude at Epcot® where STSA will have a front row seat for fireworks.

FISHING TOURNAMENT

Saturday, November 7

Time: 1:30 pm - 3:30 pm

Cost: \$55.00 (Price includes non-alcoholic beverages, fishing poles, bait, tackle, and guide.)

Enjoy a two-hour guided catch-and-release fishing excursion on the waterways of the Walt Disney World® Resort.

Advance registration by October 13 required. Subject to cancellation if registration is insufficient. Registrants will be notified in advance and refunds will be issued if this event is cancelled.

GOLF TOURNAMENT

Saturday, November 7

Location: Disney's Palm Golf Course

Time: 12:45 pm - Shotgun Start

Cost: \$130.00 (Price includes roundtrip transportation, greens fees, and box lunch.)

Renovated extensively in 2013 by Arnold Palmer Design Company, Disney's Palm Golf Course is considered one of the most naturally beautiful courses in the country by professionals and amateurs alike. The course features

strategically-placed palms, 59 bunkers, and many sparkling lakes and waterways; the natural Florida woodlands provide a stunning backdrop to one of America's premier resort courses.

Please note the following dress code: For men, polo-style shirts with collars, turtleneck or mock turtleneck shirts with slacks or Bermuda-length shorts are acceptable. For women, polo-style shirts with collars, or other suitable shirts or blouses with or without a collar with slacks, a skirt or Bermuda-length shorts are acceptable. Golf shoes with metal spike alternatives are required; however soft-soled shoes and tennis shoes are acceptable.

Golf clubs and a limited number of golf shoes are available for rental if needed. Clubs may be rented for \$20.00 plus tax, and shoe rental is complimentary. Confirmed golfers will be contacted after advance registration closes on October 13 to collect rental needs.

WILD AFRICA TREK

Saturday, November 7

Time: 1:15 pm - 4:15 pm

Cost: \$240.00 (Price includes transportation, souvenir water bottle, and photos.)

Participation Requirements: Children must be accompanied by paying adult and must be at least 8 years-old. Minimum height is 48 inches, minimum weight is 45 pounds.

The Wild Africa Trek is an immersive experience at Disney's Animal Kingdom® Theme Park that gives guests a unique opportunity to enjoy unexplored areas of the Harambe Reserve and have an up-close-and-personal experience with intriguing African wildlife species.

This three-hour experience led by specially-trained guides begins in the Safi River valley where expedition harnesses will allow Guests to cross precarious rope bridges and enjoy up-close views of Nile hippos and crocodiles. The journey continues along the edge of a magnificent, wide-open African savannah, where Guests board a specialized vehicle to enjoy an exclusive safari, including a stop at a private safari camp for premium animal viewing and African-inspired food samplings.

Advance registration by October 13 required. Subject to cancellation if registration is insufficient. Registrants will be notified in advance and refunds will be issued if this event is cancelled.

ANNUAL AWARDS DINNER & DANCE

Saturday, November 7

Reception: 7:00 pm - 8:00 pm

Dinner: 8:00 pm - 11:00 pm

Cost: \$100.00 per adult / \$40.00 per child

Conclude your 62nd Annual Meeting experience with the always-memorable Annual Awards Dinner & Dance. Join fellow meeting attendees and their families for an evening of dining and dancing. Advanced registration is recommended. A limited number of tickets will be sold on site.

We have a great band – comprised of several STSA members and friends – that will play songs all night long. Award presentations will be shortened this year to maximize the time to socialize and enjoy your friends at the STSA. Although black tie is always in fashion, feel free to come in your own costume (Superhero, Superwoman, Superman, Renaissance, Gatsby, etc., nothing is off limits) to compete for the best-, most originally-, or most outlandishly-dressed. And if your idea of black tie is more casual, that will be fine as well. The important thing is to be comfortable and have fun. It will be the perfect finale to a great meeting.

KID'S SANDCASTLE CLUB

Available daily from 4:30 pm to midnight. This service is limited, please make reservations in advance.

The Sandcastle Club is a delightful play space where children ages 3 to 12 are invited to enjoy games, have complimentary dinner and snacks, watch Disney movies, and interact with other children their age. The cost per child is \$15.00 per hour with a two-hour minimum charge. Children must be toilet-trained. Please call 407.939.3463 for reservations or visit www.stsa.org for additional details.

BABYSITTING SERVICES

Babysitting services are available through Disney's Kid's Nite Out at 407.828.0920. Advanced reservations are required. For additional information, please visit <https://disneyworld.disney.go.com/guest-services/child-care-services>.

DISNEY THEME PARK TICKETS & DINING RESERVATIONS

Discounted tickets and Park-Hopper passes are available to STSA attendees for Orlando-area theme parks, including Disney's Animal Kingdom® Theme Park, Epcot®, Universal Studios®, and a variety of water parks. For additional information and to purchase discounted tickets, please visit www.stsa.org.

STSA recommends making your dining reservations as early as possible, as restaurants in the area sell out quickly. Reservations can be made by calling 407.939.3463 or online at <https://disneyworld.disney.go.com/dining>.

REGISTER TODAY AT WWW.STSA.ORG