COMMERCIAL DISCLOSURE STATEMENTS OF COUNCIL MEMBERS AND PROGRAM PLANNERS

STSA would like to thank the following STSA leaders for planning the educational content of the STSA 64th Annual Meeting. Unless otherwise noted, these STSA leaders have no relevant commercial relationships to disclose.

**David R. Jones:** President, Program Committee

**Faisal G. Bakaeen:** Program Committee

**COMMERICAL RELATIONSHIPS:** Consultant/Advisory Board: JACE Medical

**Matthew Bott:** Postgraduate Committee

**Andrea J. Carpenter:** Program Committee, Postgraduate Committee

**Joseph A. Dearani:** Program Committee

**Robert J. Dabal:** Postgraduate Committee Co-Chair, CME Committee

**Elizabeth A. David:** Program Committee

**Melanie Edwards:** Postgraduate Committee Co-Chair, CME Committee

**Richard K. Freeman:** Program Committee, Postgraduate Committee, CME Committee Chair

**S. Adil Husain:** Program Committee Co-Chair, CME Committee

**Kirk Kanter:** Postgraduate Committee

**Ahmet Kilic:** Postgraduate Committee

**Richard L. Lee:** Program Committee Co-Chair, CME Committee

**Scott A. LeMaire:** CME Committee

**COMMERICAL RELATIONSHIPS:** Consultant/Advisory Board: Vascutek Terumo; Other Research Support: Principal Investigator Baxter Healthcare, Co-Investigator CytoSorbants, Principal Investigator Vascutek Terumo, Co-Investigator W. L. Gore & Associates, Co-Investigator Medtronic

**Daniel L. Miller:** Program Committee, Postgraduate Committee

**COMMERICAL RELATIONSHIPS:** Consultant/Advisory Board: Ethicon, Speakers Bureau/Honoraria: Medtronic

**Daniela Molena:** Program Committee

**Chad Stasik:** Postgraduate Committee

**COMMERCIAL RELATIONSHIPS OF ABSTRACT REVIEWERS**

STSA would like to thank the following leaders for reviewing the abstracts submitted for consideration for presentation at the STSA 64th Annual Meeting. Unless otherwise noted, the abstract reviewers have no relevant commercial relationships.

**Kevin D. Accola**

**COMMERICAL RELATIONSHIPS:** Speakers Bureau/Honoraria: Edwards Lifesciences

**Mara B. Antonoff**

**Faisal G. Bakaeen**

**COMMERICAL RELATIONSHIPS:** Consultant/Advisory Board: JACE Medical
RELATIONSHIP DISCLOSURE INDEX

Andrea J. Carpenter
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Aaron W. Eckhauser
Richard K. Freeman
Ravi K. Ghanta
Kristine J. Guleserian
Michael E. Halkos
John W. Hammon
Dawn S. Hui
S. Adil Husain
James M. Isbell
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Jennifer S. Nelson
Daniel L. Miller
Daniela Molena
Jay D. Pal
Edward B. Savage
Boris Sepeski
Mark S. Slaughter
Matthew A. Steliga

Vinod H. Thourani
COMMERCIAL RELATIONSHIPS: Consultant/Advisory Board: Edwards Lifesciences, Abbott Vascular; Research Grant: Edwards Lifesciences, Abbott Vascular, Medtronic; Other Research Support: Boston Scientific

COMMERCIAL RELATIONSHIPS OF STSA STAFF
Unless otherwise noted, staff members have no relevant commercial relationships.

Beth Winer: Executive Director
Laura Medek: Affiliate Manager
Rachel Pebworth: Affiliate Manager
Maricruz Carreno: Affiliate Organizations Coordinator

RELATIONSHIP DISCLOSURES FROM PRESENTERS
The following presenters have indicated, in accordance with the Accreditation Council for Continuing Medical Education Standards and the STSA Disclosure Policy, that they have a financial or other relationship with a healthcare-related business or other entity whose products or services may be discussed in, or directly affected in the marketplace by the educational program/product under consideration. Listed too are abstracts whose content describes the use of a device, product, or drug, that is not FDA approved, or the off-label use of an approved device, product, or drug. Unless noted in this program book or verbally by the speakers, speakers have no relevant financial relationships to disclose and will only be presenting information on devices, products, or drugs that are FDA approved for the purposes they are discussing.

THURSDAY, NOVEMBER 9, 2017
BASIC SCIENCE FORUM

Moderator Commercial Relationships
Min P. Kim, Speakers Bureau/Honoraria: Boston Scientific, Olympus, Medtronic
T. Brett Reece, Nothing to Disclose
Xiaoying Lou, Nothing to Disclose

1B. Programmed Death Ligand 1: A Step Toward Immunoscore for Esophageal Cancer
COMMERCIAL RELATIONSHIPS: M. Blair Marshall: Consultant/Advisory Board: Ethicon, Elsevier, ClinicalKey

5B. The Association of Novel Cardiac Biomarkers and 1-Year Readmission or Mortality After Cardiac Surgery
COMMERCIAL RELATIONSHIPS: Donald S. Likosky: Research Grant: NIH: Co-Investigator; Other Research Support: AHRQ: PI

6B. Thoracic and Cardiovascular Surgeons Achieve High Rates of K Award Conversion into R01 Funding
COMMERCIAL RELATIONSHIPS: Gorav Ailawadi: Consultant/Advisory Board: Medtronic, Abbott, Edwards Lifesciences, Cephea; Speakers Bureau/Honoraria: Convatec

FIRST SCIENTIFIC SESSION

Moderator Commercial Relationships
David R. Jones, Nothing to Disclose
Daniel L. Miller, Consultant/Advisory Board: Ethicon, Inc.; Speakers Bureau/Honoraria: Medtronic

1. Favorable Early and Midterm Outcomes of Transcatheter Aortic Valve Replacement in Patients With Bicuspid Aortic Valve: A Single Center Study
COMMERCIAL RELATIONSHIPS: R. David Anderson: Consultant/Advisory Board:
RELATIONSHIP DISCLOSURE INDEX


4. A Novel Risk Score Predicts In-hospital Mortality After Operative Repair of Stanford Type A Acute Aortic Dissection
COMMERCIAL RELATIONSHIPS: Bradley Taylor: Speakers Bureau/Honoraria: Medtronic, Gore; DISCUSSANT: Himanshu Patel: Consultant/Advisory Board: WL Gore [consultant and co-patent holder]; Medtronic

5. Safety of Next Day Discharge Following Lobectomy: Have We Broken The Speed Limit?
COMMERCIAL RELATIONSHIPS: James Headrick Jr.: Consultant/Advisory Board: Cook Medical; Research and Development: Cook Medical; DISCUSSANT: Robert J. Cerfola: Speakers Bureau/Honoraria: Intuitive Surgical, Myriad Genetics; Consultant/Advisory Board: Covi, CSATS, Bovie, Bard Medical, Community Health Systems, Ethicon

6. Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Prior Mitral Valve Surgery

8. Predictors of Failure of Medical Management in Uncomplicated Type B Aortic Dissection
COMMERCIAL RELATIONSHIPS: Yazan Duwayri: Research Grant: Cook Medical; Consultant/Advisory Board: Cook Medical; Bradley Leshnower: Speakers Bureau/Honoraria: Medtronic

9. The Relationship Between Pre-operative Aortic Arch Dimensions and Late Outcome Following Coarctation Repair in Infancy via Lateral Thoracotomy
COMMERCIAL RELATIONSHIPS: James Tweddell: Consultant/Advisory Board: CorMatrix

PRESIDENT’S INVITED LECTURER

Moderator Commercial Relationships
5. Adil Husain, Nothing to Disclose

Filling Your Battles: Clinical Life vs. Research and the CardioThoracic Surgeon
COMMERCIAL RELATIONSHIPS: Pedro del Nido: Ownership Interest: Founder; Nido Surgical

SECOND SCIENTIFIC SESSION

Moderator Commercial Relationships
5. Adil Husain, Nothing to Disclose
Richard Lee, Nothing to Disclose

11. Amiodarone Protocol Provides Cost Effective Reduction in Postoperative Atrial Fibrillation
COMMERCIAL RELATIONSHIPS: John Kern: Research Grant: St. Jude, LivaNova; Gorav Ailawadi: Consultant/Advisory Board: Medtronic, Abbott, Edwards Lifesciences, Cephea; Speakers Bureau/Honoraria: Convatec

12. Outcomes of an Intensive, Pre-Operative Smoking Cessation Program
COMMERCIAL RELATIONSHIPS: DISCUSSANT: Daniel L. Miller: Consultant/Advisory Board: Ethicon; Speakers Bureau/Honoraria: Medtronic

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26. The David V Valve Sparring Aortic Root Replacement Provides Excellent Mid to Long Term Outcomes for Bicuspid Valve Aortopathy Irrespective of the Degree of Preoperative Aortic Insufficiency

COMMERCIAL RELATIONSHIPS: Bradley Leshnower: Speakers Bureau/Honoraria: Medtronic

27. Functional Outcomes of Non-aneurysmal Type I Bicuspid Aortic Valve Repair With Annular Stabilization: Subcommissural Annuloplasty Versus External Subannular Aortic Ring


39. Porcine Small Intestine Submucosa Patch is a Suitable Material for Norwood Arch Reconstruction

COMMERCIAL RELATIONSHIPS: James Tweddell: Consultant/Advisory Board: CorMatrix

41. Nadir Hematocrit on Bypass and Rates of Acute Kidney Injury in Coronary Artery Bypass: Does Sex Still Matter?

COMMERCIAL RELATIONSHIPS: Himanshu Patel: Consultant/Advisory Board: WL Gore (consultant and co-patent holder); Medtronic; Donald S. Likosky: Research Grant: NIH: Co-Investigator; Other Research Support: AMRQ: PI; DISCUSSANT: Vinod H. Thourani: Consultant/Advisory Board: Edwards Lifesciences, Abbott Vascular; Research Grant: Edwards Lifesciences, Abbott Vascular, Medtronic; Other Research Support: Boston Scientific

42. Sternotomy Closure Using Rigid Plate Fixation Versus Wire Cerclage: Patient Reported and Economic Outcomes from a Multicenter, Randomized Trial


44. STS Predicted Risk of Mortality Score Predicts Thirty-day Readmission Following Coronary Artery Bypass Grafting


48. Induction Chemoradiotherapy Versus Chemotherapy Alone for Superior Sulcus (Pancoast Tumors) Lung Cancers

ECMO BREAKOUT

Moderator Commercial Relationships
Joseph A. Dearani, Nothing to Disclose
Mark S. Slaughter, Consultant/Advisory Board: Oregon Heart

ECMO: When, Where, and by Whom?
COMMERCIAL RELATIONSHIPS: Joseph B. Zwischenberger: Research Grant: Xenios Austria GmbH, NIH; Speakers Bureau/Honoraria: CytoSorb, Inc.; Ownership Interest: W-Z Biotech, Avalon (Maquet) – (royalties for licensed patent | no actual ownership)

FOURTH SCIENTIFIC SESSION C
ADULT CARDIAC BREAKOUT

Moderator Commercial Relationships
Tom Nguyen, Consultant/Advisory Board: Edwards LifeSciences, St. Jude Medical
Todd Rosengart, Nothing to Disclose
Mehrdad Ghoreishi, Nothing to Disclose

51V. Hybrid Surgical Mitral Valve Replacement With a Transcatheter Valve in the Setting of Mitral Annular Calcification
COMMERCIAL RELATIONSHIPS: Raymond Lee: Speakers Bureau/Honoraria: Abiomed Speaker Honorarium; Issac George: Consultant/Advisory Board: Edwards

52. Concomitant Left Atrial Appendage Ligation: Is It Worth the Risk?
COMMERCIAL RELATIONSHIP: Alan Speir: Consultant/Advisory Board: Medtronic; John Kern: Research Grant: St. Jude, LivaNova; Gorav Ailawadi: Consultant/Advisory Board: Medtronic, Abbott, Edwards Lifesciences, Cephea; Speakers Bureau/Honoraria: Convatec

53. Mechanical Versus Bioprosthetic Aortic Valve Replacement in Patients Aged 50 and Younger: Is Bioprosthetic Valve an Acceptable Option?
COMMERCIAL RELATIONSHIPS: DISCUSSANT: Gorav Ailawadi: Consultant/Advisory Board: Medtronic, Abbott, Edwards Lifesciences, Cephea; Speakers Bureau/Honoraria: Convatec

FOURTH SCIENTIFIC SESSION C
THORACIC BREAKOUT

Moderator Commercial Relationships
Mara Antonoff, Nothing to Disclose
Matthew Steliga, Nothing to Disclose
Melanie Subramanian, Nothing to Disclose

56. Operative Outcomes and Evolving Techniques for Robotic Esophagectomy
COMMERCIAL RELATIONSHIPS: Robert J. Cerfolio: Speakers Bureau/Honoraria: Intuitive Surgical, Myriad Genetics; Consultant/Advisory Board: Covidien, C-SATS, Bovie, Bard Medical, Community Health Systems, Ethicon
DISCUSSANT: Benny Weksler, Speakers Bureau/Honoraria: Intuitive Surgery, Bard

FOURTH SCIENTIFIC SESSION C
CONGENITAL BREAKOUT

Moderator Commercial Relationships
James Tweddell, Consultant/Advisory Board: CorMatrix
Ross Ungerleider, Nothing to Disclose

60V. Minimally Invasive ASD Repair With Limited Resources
COMMERCIAL RELATIONSHIPS: Tom Nguyen: Consultant/Advisory Board: Edwards Lifesciences, St. Jude Medical

FOURTH SCIENTIFIC SESSION C
TRANSPLANT BREAKOUT

Moderator Commercial Relationships
Jay Pal, Consultant/Advisory Board: HeartWare
Mani Daneshmand, Nothing to Disclose

63. Interaction of Donor and Recipient Age: Do Older Heart Transplant Recipients Require Healthier Hearts?
COMMERCIAL RELATIONSHIPS: Lee Goldberg: Research Grant: Respircardia; Consultant/Advisory Board: Respircardia

66. Primary Graft Dysfunction After Heart Transplantation: Outcomes and Resource Utilization
COMMERCIAL RELATIONSHIPS: Gorav Ailawadi: Consultant/Advisory Board: Medtronic, Abbott, Edwards Lifesciences, Cephea; Speakers Bureau/Honoraria: Convatec; Alan Speir: Consultant/Advisory Board: Medtronic

UPDATE ON PRACTICE MANAGEMENT: EXPERT PANEL
Incorporating New Technology and New Operations into Clinical Practice: How I Do It

Moderator and Panelists Commercial Relationships
Moderator: Richard L. Prager, Nothing to Disclose
Panelists: Robert J. Cerfolio: Speakers Bureau/Honoraria: Intuitive Surgical, Myriad Genetics; Consultant/Advisory Board: Covidien, C-SATS, Bovie, Bard Medical, Community Health Systems, Ethicon
Joseph A. Dearani, Nothing to Disclose
Michael J. Mack, Consultant/Advisory Board: Medtronic; Other Research Support: Abbott Vascular, Edwards Lifesciences
M. Blair Marshall, Consultant/Advisory Board: Ethicon, Elsevier, ClinicalKey
Todd K. Rosengart, Nothing to Disclose

FIFTH SCIENTIFIC SESSION

Moderator Commercial Relationships
Kevin Accola, Speakers Bureau/Honoraria: Edwards Lifesciences
Andrea J. Carpenter, Nothing to Disclose

69. Assessment of Neutrophil to Lymphocyte Ratio as a Predictor of Response to Chemoradiotherapy in Patients With Esophageal Squamous Cell Carcinoma
COMMERCIAL RELATIONSHIPS: Yelena Janjigian: Consultant/Advisory Board: Merck, Bristol Myers Squibb; Other Research Support: Lilly, Bayer, Roche, Gentech, Amgen, Pfizer, Boehringer; Abraham Wu: Research Grant: CivaTech Oncology, Inc.

SATURDAY, NOVEMBER 11, 2017

POSTGRADUATE PROGRAM

GENERAL SESSION

Moderator Commercial Relationships
Robert J. Dabal, Nothing to Disclose
Melanie A. Edwards, Nothing to Disclose

A Conversation with a Legend
ADULT CARDIAC BREAKOUT
Advances in Adult Cardiac Surgery: New Techniques and Technologies

Moderator Commercial Relationships
Ravi K. Ghanta, Nothing to Disclose
Faisal G. Bakaeen, Consultant/Advisory Board: JACE Medical

Non-aortic Valve Transcatheter Therapies: Beyond TAVR

COMMERCIAL RELATIONSHIPS: Gorav Ailawadi: Consultant/Advisory Board:
Medtronic, Abbott, Edwards Lifesciences, Cephea; Speakers Bureau/Honoraria:
Convatec

CONGENITAL BREAKOUT
Advances in Congenital Heart Surgery: New Techniques and Technologies

Moderator Commercial Relationships
S. Adil Husain, Nothing to Disclose
Bahaaldin Alsoufi, Nothing to Disclose

New VAD Technology in Congenital Surgery

REGULATORY DISCLOSURE: Kristine J. Guleserian: This presentation addresses
the off-label use of FDA approved ventricular assist devices (VAD) in adults for the
pediatric patient using Jarvik Heart, HeartWare MVAD, and SynCardia TAH.