



# RELATIONSHIP DISCLOSURE INDEX

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## 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 62nd Annual Meeting. Unless otherwise noted, these STSA leaders have no relevant commercial relationships to disclose.

**John H. Calhoon:** *President, Program Committee, Postgraduate Committee*  
**COMMERCIAL RELATIONSHIPS:** Volunteer Leader: TSFRE, JCTSE

**Paul J. Chai:** *Postgraduate Committee*

**Robert J. Dabal:** *Postgraduate Committee*

**Melanie A. Edwards:** *Postgraduate Committee*

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

**John A. Howington:** *Postgraduate Committee Chair, CME Committee*

**Charles B. Huddleston:** *Vice President, Program Committee*

**S. Adil Husain:** *Program Committee*

**Jeffrey P. Jacobs:** *Program Committee Chair, CME Committee*

**Richard L. Lee:** *Program Committee*

**Scott A. LeMaire:** *Postgraduate Committee*

**COMMERCIAL RELATIONSHIPS:** Clinical Trial Investigator: Medtronic, Inc., GlaxoSmithKline, W.L. Gore & Associates; Advisory Board: Baxter; Consultant: Medtronic, Inc.

**Daniel L. Miller:** *Secretary/Treasurer, Program Committee, Postgraduate Committee*

**COMMERCIAL RELATIONSHIPS:** Advisory Board: Ethicon, Inc.; Speakers Bureau: Bard Davol, Inc., Medtronic/Covidien, Inc.

**Himanshu J. Patel:** *Program Committee*

**COMMERCIAL RELATIONSHIPS:** Consultant & Patent Holder: WL Gore; Consultant: Edwards Lifesciences, Terumo Cardiovascular Systems

**Richard L. Prager:** *Council Chair, Program Committee, Postgraduate Committee*

**Thomas Wozniak:** *Postgraduate Committee Chair, CME Committee*

**Stephen C. Yang:** *Councilor, Program Committee Chair, CME 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 62nd Annual Meeting. Unless otherwise noted, the abstract reviewers have no relevant commercial relationships.

**Vinay Badhwar**

**Traves D. Crabtree**

**COMMERCIAL RELATIONSHIPS:** Consultant: Ethicon Endo-Surgery

**Elizabeth A. David**

**Pierre E. de Delva**

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## COMMERCIAL RELATIONSHIPS OF ABSTRACT REVIEWERS (CONT.)

**Chadrick E. Denlinger**

**Daniel J. DiBardino**

**Jeffrey D. McNeil**

**Daniela Molena**

**COMMERCIAL RELATIONSHIPS:** Speaker Bureau/Honoraria: Novadaq Technologies

**Tom C. Nguyen**

**V. Seenu Reddy**

**COMMERCIAL RELATIONSHIPS:** Speaker: Astra Zeneca, Mallinkrodt; Advisory Board: Acelity, Medtronic, Inc.

**T. Brett Reece**

**James D. St. Louis**

**Chad N. Stasik**

**Vinod H. Thourani**

**COMMERCIAL RELATIONSHIPS:** Research Grant/PI: Boston Scientific, Claret Medical, St. Jude Medical, Inc., Medtronic, Inc., Abbott Medical; Ownership Interest: Apica Cardiovascular

## COMMERCIAL RELATIONSHIPS OF STSA STAFF

**Unless otherwise noted, staff members have no relevant commercial relationships.**

**Megan Drumm:** *Executive Director*

**Rachel Pebworth:** *Senior Coordinator*

**Beth Winer:** *Senior Manager*

## 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.

**WEDNESDAY, NOVEMBER 4, 2015**

## **SURGICAL MOTION PICTURES**

*Moderator Commercial Relationships*

**Charles B. Huddleston,** Nothing to Disclose

**Himanshu J. Patel,** Consultant & Patent Holder: WL Gore; Consultant: Edwards Lifesciences, Terumo Cardiovascular Systems

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TV. *Aortic Valve Reconstruction for Endocarditis Using Tissue-Engineered Bovine Pericardium*  
**COMMERCIAL RELATIONSHIPS:** **Domenico Mazzitelli:** Consultant: Admedus Inc.; **J. Scott Rankin:** Consultant: Admedus Inc., CMO: BioStable Science and Engineering; **Christian Schreiber:** Consultant: Admedus Inc.

**THURSDAY, NOVEMBER 5, 2015**  
**POSTGRADUATE PROGRAM**

**GENERAL SESSION**

*Moderator Commercial Relationships*

**Kevin Accola,** Consultant: Edwards Lifesciences, CorMatrix; **Speaker:** Edwards Lifesciences, CryoLife  
**Joseph B. Putnam,** Nothing to Disclose

*Aortic Case Presentation: Lessons learned from Total Aortic Replacement*

**COMMERCIAL RELATIONSHIPS:** **Anthony Estrera:** Consultant and DSMB: Gore; **Speakers Bureau/Honoraria:** Maquet

*How to See i to i: Starting Your Own Company*

**COMMERCIAL RELATIONSHIPS:** **J. Michael DiMaio:** Ownership Interest: SpectralMD

**ADULT CARDIAC BREAKOUT**

*Moderator Commercial Relationships*

**Faisal G. Bakaeen,** Scientific Advisor: JACE Medical  
**Thomas M. Beaver,** Nothing to Disclose

*Current Management of Type A and B Acute Dissection*

**COMMERCIAL RELATIONSHIPS:** Himanshu J. Patel: Consultant & Patent Holder: WL Gore;  
Consultant: Edwards Lifesciences, Terumo Cardiovascular Systems

**GENERAL THORACIC BREAKOUT**

*Moderator Commercial Relationships*

**Melanie A. Edwards,** Nothing to Disclose  
**John A. Howington,** Nothing to Disclose

**CONGENITAL BREAKOUT**

*Moderator Commercial Relationships*

**Carl L. Backer,** Nothing to Disclose  
**Robert J. Dabal,** Nothing to Disclose

**GENERAL SESSION**

*Moderator Commercial Relationships*

**Daniel L. Miller,** Advisory Board: Ethicon, Inc.; **Speakers Bureau:** Bard Davol, Inc., Medtronic/Covidien, Inc.  
**Thomas C. Wozniak,** Nothing to Disclose

*ECMO – Past, Present, and Future*

**REGULATORY DISCLOSURE:** Robert H. Bartlett: This presentation addresses the off-label use of all drugs and devices for ECMO.

**SPECIAL SESSION**

*Moderator Commercial Relationships*

Richard L. Prager, Nothing to Disclose

**ETHICS DEBATE & PUBLIC REPORTING UPDATE**

*Moderator Commercial Relationships*

Robert M. Sade, Nothing to Disclose

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THURSDAY NOVEMBER 5, 2015

## FIRST SCIENTIFIC SESSION

*Moderator Commercial Relationships*

**John H. Calhoon**, Nothing to Disclose

**Daniel L. Miller**, Advisory Board: Ethicon, Inc.; Speakers Bureau: Bard Davol, Inc., Medtronic/Covidien, Inc.

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

**COMMERCIAL RELATIONSHIPS: DISCUSSANT: Pedro del Nido**: Consultant: Nido Surgical

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

**COMMERCIAL RELATIONSHIPS: Andrew Chang**: Travel support: Ethicon, Speaker Bureau/Honoraria

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

**COMMERCIAL RELATIONSHIPS: DISCUSSANT: Gorav Ailawadi**: Consultant: Abbott, Edwards Lifesciences, St. Jude Medical, Inc.; Proctor: Atricure

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

**COMMERCIAL RELATIONSHIPS: Stephan Fichtlscherer**: Consultant: Edwards, Consultant/Advisory Board; **DISCUSSANT: John V. Conte**: Research Grant (Corevalve Study): Medtronic, Inc.; Employment (Lotus Study): Boston Scientific; Surgical Advisory Board: Medtronic, Inc., Sorin

FRIDAY, NOVEMBER 6, 2015

## BASIC SCIENCE FORUM

*Moderator Commercial Relationships*

**Chadrick E. Denlinger**, Nothing to Disclose

**Jennifer S. Lawton**, Nothing to Disclose

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*

**COMMERCIAL RELATIONSHIPS: DISCUSSANT: Eric S. Weiss**: Consultant: Medtronic, Inc.

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

**COMMERCIAL RELATIONSHIPS: Christopher W. Seder**: Consultant/Advisory Board: Covidien, **Michael J. Liptay**: Consultant/Advisory Board: Covidien, **Jeffrey A. Borgia**: PI on patent application pertaining to panel utilized in this manuscript: Principle Investigator in patent, Research Grant

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

**COMMERCIAL RELATIONSHIPS: William Northrup**: Provided the valve allografts: Cryolife, Other Research Support

## SECOND SCIENTIFIC SESSION

*Moderator Commercial Relationships*

**Jeffrey P. Jacobs**, Nothing to Disclose

**Stephen C. Yang**, Nothing to Disclose

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

**COMMERCIAL RELATIONSHIPS: Alan M. Speir**: Consultant/Advisory Board: Medtronic; **Gorav Ailawadi**: Consultant/Advisory Board: Mitralign, Abbott, Edwards, Consultant/Speaker Bureau/Honoraria: St. Jude

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

**COMMERCIAL RELATIONSHIPS: Robert J. Cerfolio:** Speaker Bureau/Honoraria: Intuitive Surgical, Ethicon; Consultant/Advisory Board: Covidien, Community Health Systems

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

**COMMERCIAL RELATIONSHIPS: DISCUSSANT: Daniel L. Miller:** Advisory Board: Ethicon, Inc.; Speakers Bureau: Bard Davol, Inc., Medtronic/Covidien, Inc.

### THIRD SCIENTIFIC SESSION A

#### ADULT CARDIAC BREAKOUT

*Moderator Commercial Relationships*

**Richard L. Lee,** Nothing to Disclose

**Tom C. Nguyen,** Nothing to Disclose

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

**COMMERCIAL RELATIONSHIPS: DISCUSSANT: James S. Tweddell:** Scientific Advisory Committee: CorMatrix

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

**COMMERCIAL RELATIONSHIPS: Alan Zajarias:** Consultant/Advisory Board: Edwards Lifesciences;

**Brian R. Lindman:** Consultant/Advisory Board: Roche, Research Grant: Roche; **John M. Lasala:**

Consultant/Advisory Board: St Jude Medical, Direct Flow, Boston Scientific; **DISCUSSANT: Eric L.**

**Sarin:** Speakers Bureau/Honoraria: Abbott Vascular

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

**COMMERCIAL RELATIONSHIPS: Amy Simone:** Consultant/Advisory Board: Edwards Lifesciences;

**Robert Guyton:** Consultant/Advisory Board: Medtronic Inc; **Peter Block:** Equity/Ownership

Interest: Direct Flow Medical; **DISCUSSANT: Joshua Rovin:** Proctor: Edwards Lifesciences,

Medtronic, Inc.

### THIRD SCIENTIFIC SESSION A

#### GENERAL THORACIC BREAKOUT

*Moderator Commercial Relationships*

**Traves B. Crabtree,** Consultant: Ethicon Endo-Surgery

**Richard K. Freeman,** Nothing to Disclose

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

**COMMERCIAL RELATIONSHIPS: Thomas A. D'Amico:** Consultant/Advisory Board: Scanlan

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

**COMMERCIAL RELATIONSHIPS: Daniela Molena:** Speaker Bureau/Honoraria: Novadaq Technologies

### THIRD SCIENTIFIC SESSION A

#### CONGENITAL BREAKOUT

*Moderator Commercial Relationship*

**James A. Quintessenza,** Ownership Interest/Partnership: Genesee Biomedical

**James D. St. Louis,** Nothing to Disclose

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32. *Pulmonary Valve Repair for Patients With Acquired Pulmonary Valve Insufficiency*  
**COMMERCIAL RELATIONSHIPS: DISCUSSANT: James A. Quintessenza:** License Agreement/Consultant: Genesse Biomedical
33. *Polytetrafluoroethylene Bicuspid Pulmonary Valve Replacement: A 5-Year Experience in 119 Patients With Congenital Heart Disease*  
**REGULATORY DISCLOSURE:** This presentation describes the off-label use of 0.1 mm-thickness polytetrafluoroethylene membrane as a pulmonary valve substitute.  
**COMMERCIAL RELATIONSHIPS: DISCUSSANT: James A. Quintessenza:** License Agreement/Consultant: Genesse Biomedical
34. *The Trifecta Bioprosthetic Valve Is Associated With A Reduced Transvalvular Gradient Following Pulmonary Valve Replacement*  
**REGULATORY DISCLOSURE:** This presentation describes the off-label use of the Trifecta Aortic Valve for Pulmonary Valve Replacement.

## THIRD SCIENTIFIC SESSION B

### ADULT CARDIAC BREAKOUT

#### Moderator Commercial Relationships

**Anthony L. Estreza,** Consultant and DSMB: Gore; Speakers Bureau/Honoraria: Maquet  
**T. Brett Reece,** Nothing to Disclose

39. *Risk of Mortality After Resolution of Spinal Malperfusion in Acute Dissection*  
**COMMERCIAL RELATIONSHIPS: Ali Azzadeh:** Consultant/Advisory Board: W.L Gore, Medtronic
40. *Contemporary Results of Elective Primary Aortic Root Replacement With and Without Hemiarch Repair*  
**COMMERCIAL RELATIONSHIPS: Joseph S. Coselli:** Consultant/Advisory Board: Vascutek Terumo, Research Grant: Vascutek Terumo; **Ourania Preventza:** Research Grant: Vascutek Terumo; **Kim I. de la Cruz:** Research Grant: Vascutek Terumo; **Scott A. LeMaire:** Research Grant: Vascutek Terumo

## THIRD SCIENTIFIC SESSION B

### GENERAL THORACIC BREAKOUT

#### Moderator Commercial Relationships

**Shanda H. Blackmon,** Nothing to Disclose  
**Pierre E. de Delva,** Nothing to Disclose

43. *Palliation of Concomitant Tracheo-bronchial and Esophageal Disease Using a Combined Airway and Esophageal Approach*  
**COMMERCIAL RELATIONSHIPS: Vicki Tiffault:** Research Grant: Boston Scientific, Educational and Research Grant: Ethicon Endosurgery; **Moishe Liberman:** Research Grant: Boston Scientific, Educational and Research Grant: Ethicon Endosurgery

## THIRD SCIENTIFIC SESSION B

### CONGENITAL BREAKOUT

#### Moderator Commercial Relationships

**Daniel J. DiBardino,** Nothing to Disclose  
**Jeffrey P. Jacobs,** Nothing to Disclose

45. *Use of Extracellular Matrix for Repair of Congenital Defects in Pediatric Patients*  
**COMMERCIAL RELATIONSHIPS: Eric E. Roselli:** Investigator/ Research Support: CorMatrix  
**REGULATORY DISCLOSURE:** This presentation describes the off-label use of extracellular matrix.

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SATURDAY, NOVEMBER 7, 2015

**CODING, RUC & SGR UPDATE**

*Moderator Commercial Relationships*

**Jeffrey P. Jacobs**, Nothing to Disclose

**FOURTH SCIENTIFIC SESSION**

ADULT CARDIAC BREAKOUT

*Moderator Commercial Relationships*

**Bradley G. Leshnowar**, Nothing to Disclose

**John M. Stulak**, Nothing to Disclose

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

**COMMERCIAL RELATIONSHIPS: Robert Guyton**: Consultant/Advisory Board: Medtronic Inc.

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

**COMMERCIAL RELATIONSHIPS: Donald S. Likosky**: PI/Research Grant: AHRQ, Consultant Advisory Board: AmSECT

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

**REGULATORY DISCLOSURE:** This presentation describes the off-label use of Thoracic Endovascular Aortic Stent Grafts (TEVAR grafts) for the treatment of DeBakey I dissections with end organ malperfusion.

**FOURTH SCIENTIFIC SESSION**

GENERAL THORACIC BREAKOUT

*Moderator Commercial Relationships*

**Elizabeth A. David**, Nothing to Disclose

**Daniela Molena**, Speaker: Novadaq, Inc.

**FOURTH SCIENTIFIC SESSION**

CONGENITAL BREAKOUT

*Moderator Commercial Relationships*

**Charles B. Huddleston**, Nothing to Disclose

**Kristine J. Guleserian**, Nothing to Disclose

**FOURTH SCIENTIFIC SESSION**

TRANSPLANT BREAKOUT

*Moderator Commercial Relationships*

**Scott B. Johnson**, Nothing to Disclose

**Mark S. Slaughter**, Research Grants - Principal Investigator: HeartWare; Consultant: Carmet Scientific Advisory Board, Sunshine Heart

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

**COMMERCIAL RELATIONSHIPS: DISCUSSANT: Joseph B. Zwischenberger**: Licensed Patent Royalties: Avalon Laboratories (Maquet); Advisory Board: CytoSorbents Corp.



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## HAROLD URSCHEL HISTORY LECTURESHIP

*Moderator Commercial Relationships*

**John W. Hammon**, Nothing to Disclose

## RECOGNITION & MANAGEMENT OF CARDIOTHORACIC SURGICAL MISADVENTURES

*Moderator Commercial Relationships*

**Andrea J. Carpenter**, Nothing to Disclose

**Richard L. Prager**, Nothing to Disclose

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

**REGULATORY DISCLOSURE:** This presentation describes the off-label use of Flex HD to cover an esophageal fistula connecting with the pericardium.

67. *Overcoming Obstacles in Robotic Lobectomy: Calcified Lymph Nodes*

**COMMERCIAL RELATIONSHIPS:** **Robert J. Cerfolio**: Consultant/Advisory Board: Community Health Systems; Proctor, Teacher, Lecturer: Intuitive Surgical; Speaker, Teacher: Ethicon

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

**COMMERCIAL RELATIONSHIPS:** **Robert J. Cerfolio**: Consultant/Advisory Board: Community Health Systems; Proctor, Teacher, Lecturer: Intuitive Surgical; Speaker, Teacher: Ethicon

*Techniques to Control Major Vascular Thoracic Injuries During Minimally Invasive Surgery*

**COMMERCIAL RELATIONSHIPS:** **Robert J. Cerfolio**: Consultant/Advisory Board: Community Health Systems; Proctor, Teacher, Lecturer: Intuitive Surgical; Speaker, Teacher: Ethicon

70. *Digital Drainage System Reduces Hospitalization after VATS Lung Resection*

**COMMERCIAL RELATIONSHIPS:** **Daniel L. Miller**: Advisory Board: Ethicon, Inc., Bard-Davol, Inc.; **William Mayfield**: Speaker Bureau/Honoraria: Medtronic, Inc.

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

**COMMERCIAL RELATIONSHIPS: DISCUSSANT:** **Daniel L. Miller**: Advisory Board: Ethicon, Inc.; Speakers Bureau: Bard Davol, Inc., Medtronic/Covidien, Inc.