



RELATIONSHIP DISCLOSURE INDEX

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

COMMERCIAL 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

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

Daniel L. Miller: Program Committee, Postgraduate Committee

COMMERCIAL 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

COMMERCIAL RELATIONSHIPS: Speakers Bureau/Honoraria: Edwards Lifesciences

Mara B. Antonoff

Faisal G. Bakaeen

COMMERCIAL RELATIONSHIPS: Consultant/Advisory Board: JACE Medical

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Andrea J. Carpenter

Elizabeth A. David

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

David R. Jones

Vigneshwar Kasirajan

W. Brent Keeling

Min P. Kim

COMMERCIAL RELATIONSHIPS: Speakers Bureau/Honoraria: Boston Scientific, Olympus, Medtronic

Andy C. Kiser

COMMERCIAL RELATIONSHIPS: Consultant/Advisory Board: Atricure, Spectranetics; Ownership Interest: Aegis Surgical, CardiacInnovate, Red Brand Innovation

Richard L. Lee

Jenifer L. Marks

M. Blair Marshall

COMMERCIAL RELATIONSHIPS: Consultant/Advisory Board: Ethicon, Elsevier, ClinicalKey

Daniel L. Miller

COMMERCIAL RELATIONSHIPS: Consultant/Advisory Board: Ethicon; Speakers Bureau/Honoraria: Medtronic

Daniela Molena

Jennifer S. Nelson

Jay D. Pal

COMMERCIAL RELATIONSHIPS: Consultant/Advisory Board: HeartWare

Edward B. Savage

Boris Sepesi

Mark S. Slaughter

COMMERCIAL RELATIONSHIPS: Consultant/Advisory Board: Oregon Heart

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 ROI 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

BioSense Webster, a Johnson & Johnson Co.: Proctor for training physicians in NOGA procedure; **DISCUSSANT: Vinod H. Thourani:** Consultant/Advisory Board: Edwards Lifesciences, Abbott Vascular; Research Grant: Edwards Lifesciences, Abbott Vascular, Medtronic; Other Research Support: Boston Scientific

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. Cerfolio:** Speakers Bureau/Honoraria: Intuitive Surgical, Myriad Genetics; Consultant/Advisory Board: Covidien, C-SATS, Bovie, Bard Medical, Community Health Systems, Ethicon
6. *Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Prior Mitral Valve Surgery*
COMMERCIAL RELATIONSHIPS: Vasilis Babaliaros: Speakers Bureau/Honoraria: Edwards Lifesciences, Consultant/Advisory Board: Abbott Vascular; **Chandan Devireddy:** Consultant/Advisory Board: Medtronic; **Bradley Leshnow:** Speakers Bureau/Honoraria: Medtronic; **Vinod H. Thourani:** Consultant/Advisory Board: Edwards Lifesciences, Abbott Vascular; Research Grant: Edwards Lifesciences, Abbott Vascular, Medtronic; Other Research Support: Boston Scientific
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 Leshnow:** 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
S. Adil Husain, Nothing to Disclose

Picking 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
S. 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

14. *Creation, Implementation and Assessment of a Transportable General Thoracic Surgical Skills Simulation Course in a Low-Middle Income Country*
COMMERCIAL RELATIONSHIPS: Thomas Daniel: Other Research Support: University of Virginia Medical School Foundation Surgery Education Project in Rwanda; **DISCUSSANT: M. Blair Marshall:** Consultant/Advisory Board: Ethicon, Elsevier, ClinicalKey

THIRD SCIENTIFIC SESSION

16. *Surgeon Led CT Screening for Lung Cancer: A 10-Year Process*
COMMERCIAL RELATIONSHIPS: Daniel L. Miller: Consultant/Advisory Board: Ethicon; Speakers Bureau/Honoraria: Medtronic
17. *Does Mitral Valve Calcium in Patients Undergoing Mitral Valve Replacement Portend Worse Survival?*
COMMERCIAL RELATIONSHIPS: DISCUSSANT: Edward Y. Sako: Ownership Interest: Medtronic Corporation - Stock Ownership
18. *The Role of Post-operative Radiation Therapy (PORT) Following Induction Chemotherapy and Resection in Patients With Stage III (N2) Non-Small Cell Lung Cancer*
COMMERCIAL RELATIONSHIPS: Andreas Rimner: Research Grant: Varian Medical Systems, Boehringer Ingelheim, Pfizer; Consultant/Advisory Board: Astra Zeneca, Merck, Varian Medical Systems
19. *A Propensity Matched Analysis of Robotic, Minimally Invasive, and Conventional Mitral Valve Surgery*
COMMERCIAL RELATIONSHIPS: W. Randolph Chitwood: Consultant/Advisory Board: Neochord; **Andy Kiser:** Consultant/Advisory Board: Atricure, Spectranetics; Ownership Interest: Aegis Surgical (equity partner and founder); Red Brand Innovation (founding partner), Cardiactnnovate (founding partner); **Alan Speir:** Consultant/Advisory Board: Medtronic; **Gorav Ailawadi:** Consultant/Advisory Board: Medtronic, Abbott, Edwards Lifesciences, Cephea; Speakers Bureau/Honoraria: Convatec
21. *Use of a Bare Metal Stent in Addition to a Covered Endograft for Management of Complicated Acute Type B Aortic Dissection Offers Positive Remodeling for the Thoracoabdominal Aorta*
COMMERCIAL RELATIONSHIPS: Thomas Gleason: Research Grant: Medtronic, Consultant/Advisory Board: St. Jude/Abbott; Other Research Support: Boston Scientific; **DISCUSSANT: Anthony Estrera:** Consultant/Advisory Board: Gore

FRIDAY, NOVEMBER 10, 2017

FOURTH SCIENTIFIC SESSION A ADULT CARDIAC BREAKOUT

Moderator Commercial Relationships
Faisal G. Bakaeen, Consultant/Advisory Board: JACE Medical
Michael J. Mack, Consultant/Advisory Board: Medtronic; Other Research Support: Abbott Vascular, Edwards Lifesciences
Alexander Brescia, Nothing to Disclose

23. *Repair of Thoracic and Thoracoabdominal Mycotic Aneurysms and Infected Aortic Grafts Using Cryopreserved Allograft*
COMMERCIAL RELATIONSHIPS: John Fehrenbacher: Consultant/Advisory Board: CryoLife (consultant for Bioglu); **DISCUSSANT: Joseph S. Coselli:** Research Grant: Edwards Lifesciences, Medtronic, Inc., St. Jude Medical, Inc., Bolton Medical, WL Gore & Associates, Vascutek Terumo; Consultant/Advisory Board: WL Gore & Associates, Medtronic, Inc., Vascutek Terumo (Royalties Coselli Branched Graft); Other Research Support: Vascutek Terumo

RELATIONSHIP DISCLOSURE INDEX

- 25V. *Leaflet Reconstructive Techniques for Aortic Valve Repair*
COMMERCIAL RELATIONSHIPS: **Domenico Mazzitelli:** Consultant/Advisory Board: BioStable; **Theodor Fischlein:** Consultant/Advisory Board: BioStable Science and Engineering Inc., LivaNova; **J. Rankin:** Consultant/Advisory Board: BioStable Science and Engineering Inc., AtriCure USA
26. *The David V Valve Sparing 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 Leshnow:** 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*
COMMERCIAL RELATIONSHIPS: **Wilson Szeto:** Research Grant: Edwards Lifesciences, Medtronic, Bolton Medical, W L Gore
- 28V. *Open Surgical Repair for the Removal of an Atrial Septal Amplatzer™ Device Eroding the Aortic Root*
COMMERCIAL RELATIONSHIPS: **Joseph S. Coselli:** Research Grant: Edwards Lifesciences, Medtronic, Inc., St. Jude Medical, Inc., Bolton Medical, WL Gore & Associates, Vascutek Terumo; Consultant/Advisory Board: WL Gore & Associates, Medtronic, Inc., Vascutek Terumo (Royalties Coselli Branched Graft); Other Research Support: Vascutek Terumo; **Scott LeMaire:** Consultant/Advisory Board: Vascutek Terumo; Other Research Support: Vascutek Terumo, Baxter Healthcare, Medtronic, Inc., W.L. Gore & Associates, Inc., CytoSorbants, Inc.; **Ourania Preventza:** Consultant/Advisory Board: W.L. Gore, Medtronic, Inc.

FOURTH SCIENTIFIC SESSION A THORACIC BREAKOUT

Moderator Commercial Relationships
Daniela Molena, Nothing to Disclose
Jenifer Marks, Nothing to Disclose
David Hall, Nothing to Disclose

29. *Risk Factors for Occult N2 Disease in Patients With Non-Small Cell Lung Cancer*
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
30. *Current State of Empyema Management*
COMMERCIAL RELATIONSHIPS: **Margaret Olsen:** Research Grant: Sanofi Pasteur, Pfizer; Consultant/Advisory Board: Pfizer
- 31V. *Hybrid Superior Sulcus Tumor Resection*
COMMERCIAL RELATIONSHIPS: **John Mitchell:** Consultant/Advisory Board: Medtronic
34. *Comprehensive Program for Air Leak Prevention and Management After Lobectomy for Lung Cancer is Associated With Reduced Length of Stay*
COMMERCIAL RELATIONSHIPS: **Donald Lazarus:** Other Research Support: Spiration; **Ourania Preventza:** Consultant/Advisory Board: W.L. Gore, Medtronic, Inc.

FOURTH SCIENTIFIC SESSION A CONGENITAL BREAKOUT

Moderator Commercial Relationships
Carl Backer, Nothing to Disclose
Brian J. Clark, Nothing to Disclose

35. *Identification of Cerebral Blood Flow Patterns Following Single Ventricle Palliation in Neonates Using Protocolized Serial Transcranial Doppler: A Feasibility Study*
COMMERCIAL RELATIONSHIPS: **DISCUSSANT:** **James Tweddell:** Consultant/Advisory Board: CorMatrix

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39. *Porcine Small Intestine Submucosa Patch is a Suitable Material for Norwood Arch Reconstruction*
COMMERCIAL RELATIONSHIPS: **James Tweddell:** Consultant/Advisory Board: CorMatrix

FOURTH SCIENTIFIC SESSION B ADULT CARDIAC BREAKOUT

Moderator Commercial Relationships
Richard L. Prager, Nothing to Disclose
Dawn Hui, Nothing to Disclose
John Kelly, Nothing to Disclose

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: AHRQ: 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*
COMMERCIAL RELATIONSHIPS: **Keith Allen:** Research Grant: Zimmer Biomet; **Vinod H. Thourani:** Consultant/Advisory Board: Edwards Lifesciences, Abbott Vascular; Research Grant: Edwards Lifesciences, Abbott Vascular, Medtronic; Other Research Support: Boston Scientific; **John Grehan:** Consultant/Advisory Board: BioMet/Zimmer, AtriCure, St. Jude Medical; **T Sloane Guy:** Consultant/Advisory Board: Edwards Lifesciences; Verb Surgical, Medtronic, Intuitive Surgical; **Marc Gerdisch:** Consultant/Advisory Board: Zimmer Biomet; **David Cohen:** Research Grant: Biomet
44. *STS Predicted Risk of Mortality Score Predicts Thirty-day Readmission Following Coronary Artery Bypass Grafting*
COMMERCIAL RELATIONSHIPS: **Bradley Leshnow:** Speakers Bureau/Honoraria: Medtronic; **Vinod H. Thourani:** Consultant/Advisory Board: Edwards Lifesciences, Abbott Vascular; Research Grant: Edwards Lifesciences, Abbott Vascular, Medtronic; Other Research Support: Boston Scientific; **DISCUSSANT:** **Keith Allen:** Research Grant: Zimmer Biomet

FOURTH SCIENTIFIC SESSION B THORACIC BREAKOUT

Moderator Commercial Relationships
Theolyn N. Price, Nothing to Disclose
Traves D. Crabtree, Nothing to Disclose
Meredith A. Harrison, Nothing to Disclose

45. *Can Liquid (Blood) Biopsies Replace Tissue Biopsies in Patients With Non-Small Cell Lung Cancer?*
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
48. *Induction Chemoradiotherapy Versus Chemotherapy Alone for Superior Sulcus (Pancoast Tumors) Lung Cancers*
COMMERCIAL RELATIONSHIPS: **Ben Creelan:** Speakers Bureau/Honoraria: Bristol Myers Squibb, Inc., AbbVie, Inc., Genentech/Roche, Ariad, Inc.; Other Research Support: Boehringer-Ingelheim, GmbH, AstraZeneca

FOURTH SCIENTIFIC SESSION B

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RELATIONSHIP DISCLOSURE INDEX

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 RELATIONSHIPS: 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: Convector

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: Convector

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: Respirocardia; Consultant/Advisory Board: Respirocardia

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: Convector; **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, Genentech, 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

COMMERCIAL RELATIONSHIPS: Kevin Accola, Speakers Bureau/Honoraria: Edwards Lifesciences; **Joseph S. Coselli**: Research Grant: Edwards Lifesciences, Medtronic, Inc., St. Jude Medical, Inc., Bolton Medical, WL Gore & Associates, Vascutek Terumo; Consultant/Advisory Board: WL Gore & Associates, Medtronic, Inc., Vascutek Terumo (Royalties Coselli Branched Graft); Other Research Support: Vascutek Terumo

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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.