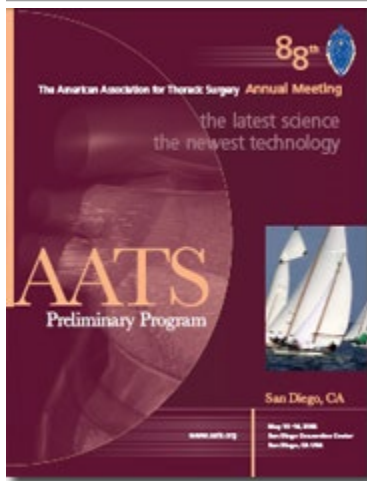


2008 ANNUAL MEETING



88th Annual Meeting

May 10 - 14, 2008

San Diego Convention Center
San Diego, California

2008 PROGRAM & ABSTRACTS

SATURDAY, MAY 10, 2008

- 8:00 am - 12:00 pm **Catheter-Based Approaches to Structural Heart Disease**
- 8:00 am - 12:00 pm **New Technologies and Procedures in General Thoracic Surgery**
- 1:00 pm **DEVELOPING THE ACADEMIC SURGEON – A SYMPOSIUM**
Room 23, San Diego Convention Center
Chairman: R. Morton Bolman, III
Brigham and Women's Hospital
- 1:00 pm - 1:10 pm **Introduction**
R. Morton Bolman, III
Brigham and Women's Hospital
- 1:10 pm - 1:30 pm **How to Plan a Successful Career in Academic Cardiothoracic Surgery**
Fred A. Crawford, Jr.
Medical University of South Carolina
- 1:30 pm - 1:50 pm **Clinical Research in Cardiothoracic Surgery**
Tirone E. David
Toronto General Hospital
- 1:50 pm - 2:10 pm **Basic Research in Cardiothoracic Surgery**
Yolonda L. Colson
Brigham and Women's Hospital
- 2:10 pm - 2:30 pm **Translational Research and the Interface with Industry**
Eric A. Rose
Columbia University
- 2:30 pm - 3:00 pm **Keynote Speaker: The Future of Cardiothoracic Surgery**
William A. Baumgartner
Johns Hopkins University
- 3:00 pm - 3:20 pm **BREAK**

3:20 pm - 3:40 pm	Research Funding – From Seed Grants to the NIH Pedro J. del Nido Boston Children’s Hospital
3:40 pm - 4:00 pm	How to Design and Execute a Clinical Trial Eugene H. Blackstone Cleveland Clinic Foundation
4:00 pm - 4:20 pm	Training for the Future: The “Hybrid Specialist” Michael J. Davidson Brigham and Women’s Hospital
4:20 pm - 4:40 pm	Training for the Future: The Program Director’s Perspective R. Morton Bolman, III Brigham and Women’s Hospital
4:40 pm - 5:00 pm	Panel Discussion
5:00 pm	ADJOURN
5:00 – 7:00 pm	General Thoracic Biology Club Location: TBA
5:00 – 7:00 pm	Cardiac Surgery Biology Club Location: TBA

Preliminary Program Outline

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Preliminary Program Outline

SUNDAY, MAY 11, 2008

8:00 am	AATS/STS ADULT CARDIAC SYMPOSIUM Ballroom 20 A-C, San Diego Convention Center Chairman: R. Scott Mitchell, Stanford University
Session I	Thoracic and Thoracoabdominal Aortic Aneurysms
8:00am – 8:20 am	Surgical Implications and Indications in MFS and Other Syndromic Patients Duke Cameron Johns Hopkins University
8:20am – 8:40 am	Thoracic Aortic Aneurysms: When Is Intervention (Open or Stent-Graft) Indicated? John A. Elefteriades Yale University
8:40am – 9:00 am	Open Surgical Results Today: Descending and Thoracoabdominal Aortic Aneurysms Joseph S. Coselli Baylor College of Medicine
9:00 am - 9:20 am	Endovascular Stent-Graft Results: Descending and Thoracoabdominal Aortic Aneurysms Roy K. Greenberg Cleveland Clinic Foundation

9:20 am -
9:40 am **Panel Discussion**

9:40 am -
10:10 am BREAK

Session II Aortic Dissections

10:10 am - **Fate of the Dissected “Downstream” Aorta: Are Distal Adjuncts Needed at the Initial Operation?**
10:30 am

Randall Griepp
Mount Sinai Medical Center

10:30 am - **Cerebral Protection During Transverse Aortic Arch Procedures**

10:50 am
Lars Svensson
Cleveland Clinic Foundation

10:50 am - **Total Arch Replacement with Multi-Branched Grafts**

11:10 am
Teruhisa Kazui
Hamamatsu University School of Medicine

11:10 am - **Total Arch and Descending Thoracic Aorta Using the “Arch First”
Thoracosternotomy Approach**

11:30 am
Nicholas Kouchoukos
Missouri Baptist Medical Center

11:30 am -
12:00 pm **Panel Discussion**

12:00 pm -
1:00 pm **LUNCH**

Session III Mitral Valve Controversies

1:00 pm - **Spectrum of Degenerative Diseases Affecting the Mitral Valve**

1:20 pm
David H. Adams
Mount Sinai Medical Center

1:20 pm - **Mitral Annuloplasty Rings: Theory and Practice Reality**

1:40 pm
Hugo K.I. Vanermen
Aalst, Belgium

1:40 pm - **Asymptomatic Severe Mitral Regurgitation Due to FED: Indications for Repair**

2:00 pm
Hartzell Schaff
Mayo Clinic

2:00 pm - **Mitral Valve Repair (FMR and IMR) in the Myopathic Ventricle**

2:20 pm
Robert A.E. Dion
Genk - Leuven, Belgium

2:20 pm - **Critically Interpreting the Mitral Valve Repair Literature**

2:40 pm
Anelechi Anyanwu
Mount Sinai Medical Center

2:40 pm -
3:00 pm **Panel Discussion**

3:00 pm -
3:15 pm BREAK

Session IV Update on Contemporary Cardiovascular Imaging

3:15 pm - **MRI/MRA**

3:35 pm
Robert Herfkens
Stanford University

- 3:35 pm - **CTA**
3:55 pm Dominik Fleischmann
Stanford University
- 3:55 pm - **Echocardiography**
4:15 pm David Liang
Stanford University
- Session V Percutaneous Aortic Valve Replacement**
- 4:15 pm - **Update on Percutaneous AVR with Edwards Sapien (retrograde and antegrade)**
4:35 pm John Webb
St. Paul's Hospital
- 4:35 pm - **Update on Percutaneous Redo AVR: CorValve**
4:55 pm Friedrich W. Mohr
Universitat Leipzig
- 4:55 pm - **Identification of Appropriate Patients: Who Actually is "Inoperable"?**
5:15 pm Michael J. Mack
CT Surgery Associates of North Texas
- 5:15 pm **ADJOURN TO WELCOME RECEPTION**

SUNDAY, MAY 11, 2008

- 8:00 am - **AATS/STS GENERAL THORACIC SYMPOSIUM**
5:00 pm Room 25, San Diego Convention Center
Chairman: Richard I. Whyte, Stanford University

- 8:00 am - **Introduction**
8:05 am **Chairman:** Richard I. Whyte
Stanford University

Session I Surgical Controversies: Open vs. VATS Lobectomy

- 8:05 am - **The Role of VATS Lobectomy for Cancer**
8:20 am Robert J. McKenna, Jr.
Cedars Sinai Medical Center
- 8:20 am - **Open Lobectomy — The Standard Operation for Lung Cancer**
8:35 am Douglas J. Mathisen
Massachusetts General Hospital
- 8:35 am - **Panel Discussion**
8:50 am

Session II Lung Cancer Staging

- 8:50 am - **PET Scans — When Should We Rely On Them**
9:10 am Carolyn E. Reed
Medical University of South Carolina
- 9:10 am - **Can Endobronchial Ultrasound (EBUS) and Transesophageal FNA Replace Mediastinoscopy**
9:25 am Daniel L. Miller
Emory University Clinic
- 9:25 am - **Panel Discussion**
9:45 am
- 9:45 am - **BREAK**
10:15 am

Session III Lung Cancer – Management

- 10:15 am - **Neoadjuvant Therapy for Pancoast Tumors**
10:35 am Eric Vallieres
Swedish Cancer Institute
- 10:35 am - **Surgical Techniques for Pancoast Tumors**
11:00 am Garrett L. Walsh M.D.
Anderson Cancer Center
- 11:00 am - **The Role of Neoadjuvant Therapy for NSCCL — What the Surgeon Needs to Know**
11:20 am Jessica S. Donington
Stanford University School of Medicine
- 11:20 am - **Adjuvant Chemotherapy for Lung Cancer**
11:40 am Heather Wakelee
Stanford Cancer Center
- 11:40 am - **Panel Discussion**
12:00 pm
- 12:00 pm - LUNCH
1:00 pm

Session IV Esophageal Cancer

- 1:00 pm - **Esophagectomy: En Bloc, Transhiatal or Ivor Lewis — A Fair and Balanced Perspective**
1:30 pm Claude Deschamps
Mayo Clinic
- 1:30 pm - **GE Junction Tumors—Neoadjuvant or Adjuvant Therapy?**
1:50 pm James M. Ford
Stanford University School of Medicine
- 1:50 pm - **Barrett's Esophagus with High-Grade Dysplasia**
3:00 pm
- 1:50 pm - **Esophagectomy**
2:05 pm Mark J. Krasna
St. Joseph's Medical Center
- 2:05 pm - **Photodynamic Therapy**
2:20 pm Hiran C. Fernando
Boston Medical Center
- 2:20 pm - **Endoscopic Mucosal Resection and Radiofrequency Ablation**
2:35 pm Steven R. DeMeester
University of Southern California
- 2:35 pm - **Panel Discussion**
3:00 pm
- 3:00 pm - BREAK
3:30 pm

Session V Evolving Concepts and Techniques

- 3:30 pm - **Interventional Bronchoscopy — an Overview**
3:55 pm Armin Ernst
Beth Israel Deaconess Medical Center
- 3:55 pm - **Germ Cell Tumors of the Mediastinum — When to Operate?**
4:15 pm Kenneth A. Kesler
Indiana University

- 4:15 pm - **Malignant Mesothelioma — Current Approaches to a Difficult Problem**
 4:35 pm Raja. M. Flores
 Memorial Sloan-Kettering Cancer Center
- 4:35 pm - **Stereotactic Radiosurgery — An Alternative to Surgery for Small Tumors**
 5:00 pm Jack A. Roth M.D.
 Anderson Cancer Center
- 5:00 pm ADJOURN TO WELCOME RECEPTION

SUNDAY, MAY 11, 2008

8:00 am **AATS/STS CONGENITAL HEART SYMPOSIUM**
 Room 28 A-C, San Diego Convention Center
Chairman: Frank L. Hanley
 Stanford University

7:55 am - **Introduction**
 8:00 am Frank L. Hanley
 Stanford University

Session I **Congenital Heart Surgery I** (20 min each, with 10 min discussion)

8:00 am - **When I Use the Bi-directional Glenn in SeptatableHearts**
 8:30 am Vaughn A. Starnes
 University of Southern California

8:30 am - **Fontan or Septation: When I Abandon Septation in Complex Lesions with Two**
 9:00 am **Ventricles**
 Richard A. Jonas
 Children's National Medical Center

9:00 am - **How I Approach Peripheral Pulmonary Artery Stenosis and Hypoplasia in William's**
 9:30 am **Syndrome**
 John E. Mayer, Jr.
 Children's Hospital

Session II **Cardiology Update I** (30 min, no discussion)

9:30 am - **Transcatheter Pulmonary Valve Placement Phillip Bonhoeffer**
 10:00 am (TBD)
 Great Ormond Street Hospital for Children

10:00 am - BREAK
 10:30 am

10:30 am - **Management of Pulmonary Hypertension in Patients with Structural Congenital**
 11:00 am **Heart Disease**
 Jeffrey A. Feinstein
 Stanford University Medical Center

Session III **Congenital Heart Surgery II**

11:00 am - **Repair, AVR, Ross: How I Approach the Older Child with Mixed Aortic**
 11:30 am **Stenosis/Aortic Insufficiency**
 Constantine Mavroudis
 Children's Memorial Hospital

11:30 am - **How I Manage the Dilated Aortic Root in Older Patients with Repaired Conotruncal**
 12:00 pm **Defects**
 John J. Lamberti
 Children's Hospital of San Diego

12:00 pm -
1:00 pm LUNCH

Session IV Congenital Heart Surgery III

1:00 pm - **Isolated Neonatal Aortic Arch Obstruction: When to Go from the Front**

1:30 pm John W. Brown
Indiana University

1:30 pm - **How I Manage Mitral Stenosis in the Neonate and Infant**

2:00 pm Thomas L. Spray
Children's Hospital of Philadelphia

2:00 pm - **How I Manage Neonatal Ebstein's Anomaly**

2:30 pm Edward L. Bove
University of Michigan Medical Center

Session V Cardiology Update II

2:30 pm - **MR and CT Imaging of the Pediatric Patient with Structural Heart Disease**

3:00 pm Frandics P. Chan
Stanford University

3:00 pm -
3:30 pm BREAK

3:30 pm - **Noncompaction of the Left Ventricle: Recognition, Associations, and How it Affects Surgical Management**

4:00 pm Jeffrey Towbin
Baylor College of Medicine

Session VI Congenital Heart Surgery IV

4:00 pm - **DKS or VSD Enlargement: How I Approach the Older Single Ventricle Patient with Systemic Outlet Obstruction**

4:30 pm Charles D. Fraser, Jr.
Texas Children's Hospital

4:30 pm - **Rastelli, REV, Nikaido: How I Manage Conotruncal Problems with Pulmonary Stenosis or Atresia**

5:00 pm V. Mohan Reddy
Stanford University

5:00 pm ADJOURN TO WELCOME RECEPTION

SUNDAY AFTERNOON, MAY 11, 2008

3:00 pm **C. WALTON LILLEHEI RESIDENT FORUM SESSION**

Room 23 A/B, San Diego Convention Center
(7 minutes presentation, 8 minutes discussion)
Moderators: David H. Harpole, Gus J. Vlahakes

L1. Is Mitral Valve Hinge Motion Important for Leaflet Closure?

Akinobu Itoh¹, Daniel B. Ennis¹, Wolfgang Bothe¹, Julia C. Swanson¹, Gaurav Krishnamurthy¹, Tom C. Nguyen¹, Neil B. Ingels², D. Craig Miller¹
1. Cardiothoracic Surgery, Stanford University, Stanford, CA, USA. 2. Palo Alto Medical Foundation, Palo Alto, CA, USA.

L2. Lung injury after cardiopulmonary bypass is attenuated by adenosine A2A receptor activation

Turner C. Lisle¹, Lucas G. Fernandez¹, Leo M. Gazoni¹, Ashish K. Sharma¹, Andrew M. Bellizzi², Joel M. Linden³, Victor E. Laubach¹, Irving L. Kron¹

1. University of Virginia Department of Surgery, Charlottesville, VA, USA. 2. University of Virginia Department of Pathology, Charlottesville, VA, USA. 3. University of Virginia Department of Medicine, Charlottesville, VA, USA.

L3. Aprotinin Attenuates Genomic Expression Variability Following Cardiac Surgery

Basel Ramlawi², Hasan Otu¹, Sirisha Emani¹, Cesario Bianchi¹, Frank W. Sellke¹

1. Beth Israel Deaconess Medical Center / Harvard Medical School, Boston, MA, USA. 2. University of Western Ontario, London, ON, Canada.

L4. CD4+ T Lymphocytes Mediate Acute Pulmonary Ischemia/Reperfusion Injury

Zequan Yang¹, Ashish K. Sharma¹, Joel Linden², Victor E. Laubach¹, Irving L. Kron¹

1. Surgery, University of Virginia Health System, Charlottesville, VA, USA. 2. Medicine, University of Virginia Health System, Charlottesville, VA, USA.

L5. Short and Long-Term Efficacy of Aspirin and Clopidogrel for Thromboprophylaxis of Mechanical Heart Valves; An In Vivo Study in Swine

Stephen H. McKellar¹, Jess L. Thompson¹, Raul F. Garcia-Rinaldi², Ryan J. MacDonald¹, Thoralf M. Sundt¹, Hartzell V. Schaff¹

1. Cardiovascular Surgery, Mayo Clinic, Rochester, MN, USA. 2. Advanced Cardiology Center, Mayaguez, PR, USA.

L6. Remote ischemic preconditioning elaborates a transferable blood borne factor which protects mitochondrial structure and function and preserves myocardial performance after neonatal cardioplegic arrest

Norihiko Oka, Lixing Wang, Michael Tropek, John Callahan, Gregory Wilson, Andrew Redington, Christopher A. Caldarone Hospital for Sick Children, Toronto, ON, Canada.

L7. Inhibitory kappa B kinase-, (IKK,) is a target for specific NF- κ B mediated delayed cardioprotection

Nancy C. Moss¹, Bill Stansfield¹, Ruhang Tang¹, Monte S. Willis², Craig H. Selzman¹

1. Surgery, University of North Carolina, Chapel Hill, NC, 2. Department of Pathology and Laboratory Medicine at the University of North Carolina, Chapel Hill, NC.

L8. Mechanical Lung Assist Augments Forward Pulmonary Blood Flow in Primary Bidirectional Cavopulmonary Shunt Physiology in Neonatal Pigs

Osami Honjo¹, Sandra L. Merklinger¹, John Poe¹, Abdulla A. Alghamdi¹, Setsuo Takatani², Glen S. Van Arsdell¹

1. The Labatt Family Heart Centre, The Hospital for Sick Children, Toronto, ON, Canada, 2. Department of Artificial Organs, Institute of Biomaterial and Bioengineering, Tokyo Medical Dental University.

5:00 pm

ADJOURN TO WELCOME RECEPTION

Preliminary Program Outline

MONDAY, MAY 12, 2008

7:30 am **Business Session** (Members Only)

7:45 am **PLENARY SCIENTIFIC SESSION**
(8 minutes presentation, 12 minutes discussion)
Ballroom 20 A-C, San Diego Convention Center
Moderators: D. Craig Miller, Irving L. Kron

1. Are Stentless Valves Hemodynamically Superior to Stented Valves? Long-term Follow-Up of a Randomized Trial

Gideon Cohen, Brandon Zagorski, George T. Christakis, Campbell D. Joyner, Jeri Sever, Stephen E. Fremes, Fuad Moussa, Randi Feder-Elituv, Bernard S. Goldman
Cardiovascular Surgery, Sunnybrook Health Sciences Centre, Toronto, ON, Canada.

2. Weathering the Storm: How Can Thoracic Surgery Training Programs Meet The New Challenges in the Era of Emerging Non- Invasive Technologies?

Sunil M. Prasad¹, Malek G. Massad¹, Edgar G. Chedrawy¹, Norman J. Snow¹, Joannie T. Yeh¹, Himalaya Lele¹, Ahmed Tarakji¹, Hersh S. Maniar², William A. Gay²
1. University of Illinois, Chicago, IL, USA. 2. Washington University, St. Louis, MO, USA.

3. Phase II trial of Extrapleural Pneumonectomy with Phase II trial of Extrapleural Pneumonectomy with Intraoperative Intrathoracic/Intraperitoneal Heated Cisplatin for Malignant Pleural Mesothelioma

Tamara R. Tilleman¹, William G. Richards¹, Lambros Zellos¹, Bruce E. Johnson², Michael T. Jaklitsch¹, Christopher T. Ducko¹, Jordan Mueller¹, Raphael Bueno¹, David J. Sugarbaker¹
1. Thoracic Surgery, Brigham and Women's Hospital, Boston, MA, USA. 2. Dana Farber Cancer Institute, Boston, MA, USA.

4. Brain Maturation is Delayed in Infants with Complex Congenital Heart Defects

Daniel J. Licht, David M. Shera, Robert R. Clancy, Gil Wernovsky, Lisa M. Montenegro, Susan C. Nicolson, J. W. Gaynor, Arastoo Vossough
Children's Hospital of Philadelphia, Philadelphia, PA, USA.

9:05 am **AWARD PRESENTATIONS**
Ballroom 20 A-C, San Diego Convention Center

9:15 am **INTERMISSION — VISIT EXHIBITS**
Exhibit Hall G-H, San Diego Convention Center

10:00 am **BASIC SCIENCE LECTURE**
Ballroom 20 A-C, San Diego Convention Center
The Link Between Engineering, Biomechanics, and Cardiovascular Physiology and Disease
Matts Karlsson, Ph.D., Professor of Biomedical Modeling and Simulation
Head of School of Mechanical Engineering Linköping University
Linköping, Sweden
Introduced By: D. Craig Miller

10:40 am **SCIENTIFIC SESSION**
Moderators: Thomas L. Spray, Irving L. Kron

5. Off-pump vs. On-pump CABG in patients with ST segment elevation myocardial infarction: A randomized, double blind study

Khalil Fattouch, Giuseppe Bianco, Roberta Sampognaro, Egle Corrado, Pietro Dioguradi, Gaetano Panzarella, Giovanni Ruvolo
Cardiac Surgery, University of Palermo, Palermo, Italy.

6. Predictors of Major Morbidity and Mortality after Esophagectomy for Esophageal Cancer: An STS General Thoracic Surgery Database Risk Adjustment Model

Cameron D. Wright¹, Mark S. Allen², Joshua D. Grab³, John C. Kucharzuk⁴
1. Massachusetts General Hospital, Boston, MA, USA. 2. Mayo Clinic, Rochester, MN, USA. 3. Duke Clinical Research Institute, Durham, NC, USA. 4. University of Pennsylvania, Philadelphia, PA, USA.

11:25 am **PRESIDENTIAL ADDRESS**

Anti-Memoirs of Rocinante

D. Craig Miller
Stanford, California
Introduced by: Thomas L. Spray

12:15 pm **ADJOURN FOR LUNCH — VISIT EXHIBITS**
Exhibit Hall, San Diego Convention Center

CARDIOTHORACIC RESIDENTS' LUNCHEON
San Diego Convention Center

MONDAY AFTERNOON, MAY 12, 2008

2:00 pm **SIMULTANEOUS SCIENTIFIC SESSION — ADULT CARDIAC SURGERY**
(8 minutes presentation, 12 minutes discussion)
Ballroom 20 A-C, San Diego Convention Center
Moderators: Christopher M. Feindel, John S. Ikonmidis

7. Effects of Mild Hypothermia And Rewarming on Renal Injury Following Coronary Artery Bypass Surgery

Munir Boodhwani, Fraser D. Rubens, Denise Wozny, Howard J. Nathan
University of Ottawa Heart Institute, Ottawa, ON, Canada.

8. Minimally Invasive Bipolar Radiofrequency Ablation of Lone Atrial Fibrillation: Early Multicenter Results

Erik AK Beyer¹, Richard Lee³, B-Khanh Lam²
1. Scott and White Clinic, Temple, TX, USA. 2. University of Ottawa Heart Institute, Ottawa, ON, Canada. 3. Northwestern University, Chicago, IL, USA.

Counterpoint: Richard J. Shemin

Open Discussion

9. Valve-Sparing versus Valve Replacement Techniques for Aortic Root Operations in Marfan Patients: Interim Analysis of Early Outcome

Joseph S. Coselli¹, Thoralf M. Sundt², D. Craig Miller³, Joseph E. Bavaria⁴, Scott A. LeMaire¹, Heidi M. Connolly², Harry C. Dietz⁵, Dianna M. Milewicz⁶, Laura C. Palmero¹, Xing Li Wang¹, Irina V. Volguina¹

1. Baylor College of Medicine and The Texas Heart Institute, Houston, TX, USA. 2. Mayo Clinic, Rochester, MN, USA. 3. Stanford University, Stanford, CA, USA. 4. University of Pennsylvania, Philadelphia, PA, USA. 5. Johns Hopkins Hospital, Baltimore, MD, USA. 6. University of Texas Health Science Center, Houston, TX, USA.

3:10 pm **INTERMISSION — VISIT EXHIBITS**
Exhibit Hall, San Diego Convention Center

3:45 pm **SIMULTANEOUS SCIENTIFIC SESSION — ADULT CARDIAC SURGERY**
Ballroom 20 A-C, San Diego Convention Center
Moderators: Christopher M. Feindel, John S. Ikonmidis

10. Effects of on- and off-pump coronary artery surgery on graft patency, survival and quality of life: long term follow-up of two randomised controlled trials

Gianni D. Angelini, Lucy Culliford, David Smith, Mark Hamilton, Gavin Murphy, Raimondo Ascione, Andreas Baumbach, Barney Reeves
Bristol Heart Institute, Bristol, United Kingdom.

11. Mitral valve surgery for functional mitral regurgitation. Should moderate-or-more tricuspid regurgitation be treated? A propensity score analysis

Antonio M. Calafiore¹, Sabina Gallina², Angela L. Iaco¹, Marco Contini¹, Antonio Bivona¹, Massimo Gagliardi¹, Paolo Bosco¹, Michele Di Mauro¹

1. Cardiac Surgery, University of Catania, Catania, Italy. 2. University of Chieti-Dept of Cardiology, Chieti, Italy.

Counterpoint: Andrew S. Wechsler

Open Discussion

12. Decision-making in Surgical Management of Ischemic Cardiomyopathy

Dustin Y. Yoon, Nicholas G. Smedira, Edward R. Nowicki, Katherine J. Hoercher, Jeevanantham Rajeswaran, Eugene H. Blackstone
Cleveland Clinic, Cleveland, OH, USA.

13. Repair oriented functional classification of aortic insufficiency: impact on surgical techniques and outcomes

Laurent de Kerchove, David Glineur, Alain Poncelet, Jean Rubay, Parla Astarci, Robert Verhelst, Philippe Noirhomme, Gébrine El Khoury
Université Catholique de Louvain, Cliniques St-Luc, Brussels, Belgium.

5:15
pm

ADJOURN

MONDAY AFTERNOON, MAY 12, 2008

2:00 **SIMULTANEOUS SCIENTIFIC SESSION — GENERAL THORACIC SURGERY**

pm (8 minutes presentation, 12 minutes discussion)

Room 25, San Diego Convention Center

Moderators: James D. Luketich, Robert J. Cerfolio

14. Decreased Operative Mortality for Esophageal Cancer Resection at Hospitals with Thoracic Training Programs: Should Esophagectomies Only be Performed by Thoracic Surgeons?

Robert A. Meguid, Eric C. Weiss, Stephen M. Cattaneo, Marc S. Sussman, Malcolm V. Brock, Stephen C. Yang
Division of Thoracic Surgery, Johns Hopkins University, School of Medicine, Baltimore, MD, USA.

15. Should Lung Transplantation Be Performed Using Donation after Cardiac Death? The U.S. Experience

David P. Mason, Lucy Thuita, Joan M. Alster, Sudish C. Murthy, Marie M. Budev, Atul C. Mehta, Gosta B. Pettersson, Eugene H. Blackstone
Cleveland Clinic, Cleveland, OH, USA.

16. Long-Term Survival with Surgical Management for Superior Sulcus Tumors with Vertebral Resection

William D. Bolton¹, David C. Rice¹, Adam Goodyear¹, Arlene M. Correa¹, Jeremy Erasmus¹, Ziya Gokaslan², Wayne Hofstetter¹, Ritsuko Komaki¹, Reza Mehran¹, Katherine Pisters¹, Jack A. Roth¹, Stephen G. Swisher¹, Ara A. Vaporciyan¹, Garrett L. Walsh¹, Jason Weaver¹, Laurence Rhines¹

1. Thoracic and Cardiovascular Surgery, University of Texas M.D. Anderson Cancer Center, Houston, TX, USA. 2. The Johns Hopkins University, Baltimore, MD, USA.

17. Thoracoscopic Versus Open Segmentectomy for Stage I Non- Small Cell Lung Cancer (NSCLC): 221 Consecutive Cases Matthew

J. Schuchert, Brian L. Pettiford, Ghulam Abbas, Omar Awais, Arman Kilic, Robert Jack, James R. Landreneau, Joshua P. Landreneau, James D. Luketich, Rodney J. Landreneau
Heart, Lung and Esophageal Surgery Institute, University of Pittsburgh Medical Center, Pittsburgh, PA, USA.

18. A thoracic surgery clinic dedicated to solitary pulmonary nodules- too many scans and too little pathology?

Nirmal K. Veeramachaneni, Traves D. Crabtree, Daniel Kreisel, Jennifer B. Zoole, Joanne Musick, Nicole G. Taylor, Alexander S. Krupnick, G Alexander Patterson, Bryan F. Meyers
Cardiothoracic Surgery, Washington University School of Medicine, St. Louis, MO, USA.

3:40

INTERMISSION – VISIT EXHIBITS

pm

Exhibit Hall, San Diego Convention Center

4:15

SIMULTANEOUS SCIENTIFIC SESSION — GENERAL THORACIC SURGERY

pm

Room 25, San Diego Convention Center

Moderators: James D. Luketich, Robert J. Cerfolio

19. Clinical Characteristics, Biological Behavior, and Survival after Esophagectomy are similar for Adenocarcinoma of the Gastroesophageal Junction and the Distal Esophagus

Jessica M. Leers, Steven R. DeMeester, Nadia Chan, Shahin Ayazi, Arzu Oezcelik, Emmanuele Abate, Farazaneh Bank, John Lipham, Jeffrey A. Hagen, Tom R. DeMeester
Department of Surgery, Keck School of Medicine, University of Southern California, Los Angeles, CA, USA.

20. Impact of Tumor Length and Submucosal Involvement on the Long-Term Survival of pT1 Early Stage Esophageal Adenocarcinoma

William D. Bolton, Wayne Hofstetter, Ashleigh Francis, Arlene M. Correa, Jaffer A. Ajani, Banoop Bhutani, Jeremy Erasmus, Ritsuko Komaki, Dipen Maru, Reza Mehran, David C. Rice, Jack A. Roth, Ara A. Vaporciyan, Garrett L. Walsh, Stephen G. Swisher
Thoracic and Cardiovascular Surgery, University of Texas M.D. Anderson Cancer Center, Houston, TX, USA.

21. Clinical Stage IA Lung Cancer by CT and PET Scan: The Persistent Problem of Understaging

Brendon M. Stiles, Paul C. Lee, Elliot L. Servais, Jeffrey L. Port, Subroto Paul, Danish Meherally, Nasser K. Altorki
Weill Cornell Medical College, New York Presbyterian Hospital, New York, NY, USA.

Counterpoint: Robert Cerfolio

Open Discussion

5:25

ADJOURN

pm

MONDAY AFTERNOON, MAY 12, 2008

2:00

SIMULTANEOUS SCIENTIFIC SESSION — CONGENITAL HEART DISEASE

pm

(8 minutes presentation, 12 minutes discussion)

Room 28 A-C, San Diego Convention Center

Moderators: Joseph A. Dearani, Vaughn A. Starnes

22. Antegrade Cerebral Perfusion Improves Neurologic Outcomes with Aortic Arch Surgery in Neonates.

Invited Pro: James S. Tweddell

Invited Con: Marshall Jacobs

Open Discussion

23. Biventricular Repair in Heterotaxy Syndrome

Frank Pigula, Hong-Gook Lim, Emile Bacha, Audrey Marshall, John Mayer, Francis Fynn-Thompson, Pedro Del Nido
Children's Hospital Boston, Boston, MA, USA.

24. Early EEG Background Prediction of Seizures and Short-Term Outcome Measures Following Infant Heart Surgery

Sandy Cho¹, Noah Cook², Michael Badzioch³, J William Gaynor², Gail Jarvik³, Sarah Tabbutt², Susan Nicolson², Gil Wernovsky², Thomas Spray², Robert Clancy²

1. George Washington University School of Medicine, Washington, DC, USA. 2. Children's Hospital of Philadelphia, Philadelphia, PA, USA. 3. University of Washington Medical Center, Seattle, WA, USA.

25. Analysis of the U.S. Food and Drug Administration MAUDE Database for Adverse Events Involving Amplatzer™ Septal Occluder Devices and Comparison to STS Congenital Cardiac Surgery Database

*Daniel J. Dibardino, Doff B. McElhinney, Aditya K. Kaza, John E. Mayer
Harvard Medical School, Boston, MA, USA.*

3:30
pm

INTERMISSION – VISIT EXHIBITS

Exhibit Hall, San Diego Convention Center

4:05
pm

SIMULTANEOUS SCIENTIFIC SESSION — CONGENITAL HEART DISEASE

Room 28 A-C, San Diego Convention Center

Moderators: Joseph A. Dearani, Vaughn A. Starnes

26. Surgical treatment for patients with late systemic right ventricular failure following Mustard/Senning procedures for d-TGA

*Stephan Thelitz, Sunil P. Malhotra, Edwin Petrossian, Nicole Tselentis, Frandics P. Chan, Norman Silverman, Vadiyala M. Reddy, Frank L. Hanley
Stanford University School of Medicine, Stanford, CA, USA.*

27. Rate of reoperation has not changed during 30 years of surgery for transposition of the great arteries - Long-term results of 913 patients at a single center

*Jürgen Hörer, Julie Cleuziou, Christian Schreiber, Zsolt Prodan, Manfred Vogt, Klaus Holper, Rüdiger Lange
German Heart Center Munich at the Technical University, Munich, Germany.*

28. Double Root Translocation — A true-meaning anatomic repair for anomalies of ventriculoarterial connection with pulmonary outflow tract obstruction

*Sheng Shou Hu, Zhigang Liu, Shou Jun Li
The National Cardiovascular Institute and Fu Wai Hospital Beijing, Beijing, China.*

5:05
pm

ADJOURN

Preliminary Program Outline

TUESDAY MORNING, MAY 13, 2008

7:00
am

CARDIAC SURGERY FORUM SESSION

(5 minutes presentation, 7 minutes discussion)

Room 28 A-C, San Diego Convention Center

Moderators: Richard D. Weisel, Marc R. Moon

F1. Elimination of Moderate Ischemic MR does not Ameliorate Long-Term LV Remodeling

*Kanji Matsusaki, Mio Noma, Aaron S. Blom, Thomas J. Eperjesi, Liam P. Ryan, Theodore Plappert, Martin G. St. John-Sutton, Joseph H. Gorman, Robert C. Gorman
Surgery, University of Pennsylvania, Philadelphia, PA, USA.*

F2. Layered implantation of myoblast sheets attenuates cardiac remodeling of infarcted heart

Naosumi Sekiya¹, Shigeru Miyagawa¹, Goro Matsumiya¹, Takaya Hoashi¹, Tatsuya Shimizu², Teruo Okano², Yoshiki Sawa¹

1. Cardiovascular Surgery, Osaka University Graduate School of Medicine, Osaka, Japan. 2. Tokyo Women's Medical University, Tokyo, Japan.

F3. Newly developed tissue-engineered biodegradable material for reconstruction of vascular wall without cell seeding

Hiroaki Takahashi¹, Mitsuhiro Saito², Eiichirou Uchimura², Koujirou Hirakawa³, Eiichi Kaku³, Yutaka Okita¹, Yoshiki Sawa²

1. Department of Surgery, Division of Cardiovascular Surgery, Kobe University Graduate School of Medicine, Kobe, Japan. 2. Osaka University Graduate School of Medicine, Suita, Japan. 3. Senko Medical Ins. Co., Ltd., Tokyo, Japan.

F4. Atrophic changes occur in unloaded myocardium and may preclude functional improvement in a time dependent manner

Henriette L. Brinks¹, Hendrik Tevaearai², Christian Muehlfeld³, Daniela Kuklinski², Thierry P. Carrel², Marie-Noelle Giraud²

1. Cardiovascular Surgery, Charite University Hospital, Berlin, Berlin, Germany. 2. Department of Cardiac and Vascular Surgery, Inselspital University Hospital, Berne, Switzerland. 3. Institute of Anatomy, University of Berne, Berne, Switzerland.

F5. Acute Hyperglycemia Enhances Oxidative Stress During Reperfusion and Exacerbates Myocardial Infarction

Zequan Yang¹, Victor E. Laubach¹, Brent A. French², Irving L. Kron¹

1. Surgery, University of Virginia Health System, Charlottesville, VA, USA. 2. Biomedical Engineering, University of Virginia, Charlottesville, VA, USA.

F6. Development of Bioartificial Myocardium using Collagen Scaffold Functionalized with RGD Peptides

Olivier Schussler¹, Walid Al Chare¹, Mariana Louis-Tisserand¹, Catherine Coirault², Robert Michelot¹, Malcolm Wood⁴, Didier Heude¹, Alain Carpentier¹, Juan Carlos Chachques¹, Dan Salomon⁴, Yves Lecarpentier^{2,3}

1. Laboratory of Biosurgery Pompidou Hospital, Paris, France. 2. INSERM U689 Paris VII University, Paris, France. 3. Le Kremlin Bicêtre, University Paris V and VII Paris, France. 4. The Scripps Research Institut MEM 241, La Jolla, CA, USA.

F7. Mitral Valve Hemodynamics Following Repair of Acute Posterior Leaflet Prolapse: Quadrangular Resection vs. Triangular Resection vs. Neo-chordoplasty

Muralidhar Padala¹, Laura R. Croft¹, Scott Powell¹, Vinod H. Thourani², Ajit P. Yoganathan¹, David H. Adams³

1. Biomedical Engineering, Georgia Institute of Technology, Atlanta, GA, USA. 2. Emory University, Atlanta, GA, USA. 3. Mt. Sinai School of Medicine, New York, NY, USA.

F8. Dynamic Fluid Shifts Induced by Fetal Cardiopulmonary Bypass

Pirooz Eghtesady¹, Scott Baker², Christopher Lam¹, Hilshorst Jerri¹, Ferguson Robert¹, Lombardi John¹

1. Cardiothoracic Surgery, Cincinnati Children's Hospital, Cincinnati, OH, USA. 2. University of Cincinnati, Cincinnati, OH, USA.

F9. Toll-like Receptor 4 on Leukocytes is Necessary for Cardiomyocyte Hypoxia - Reoxygenation Injury

Heather-Marie P. Wilson, Denise J. Spring, Christine Rothnie, Erzsebet Toth, Edward D. Verrier

Surgery, University of Washington, Seattle, WA, USA.

F10. Development of Novel Synthetic Serine-Protease Inhibitors to Reduce Postoperative Blood Loss After Cardiac Surgery

Gábor Szabó¹, Gabor Veres¹, Tamás Radovits¹, Matthias Karck¹, Andreas van de Loch²
1. University of Heidelberg, Heidelberg, Germany. 2. Curacyte Discovery Ltd., Leipzig, Germany.

TUESDAY MORNING, MAY 13, 2008

7:00 am **GENERAL THORACIC FORUM SESSION**
(5 minutes presentation, 7 minutes discussion)

Room 25, San Diego Convention Center

Moderators: Michael A. Maddaus, Yolonda L. Colson

F11. Paclitaxel-Loaded Polymer Film Prevents Local Recurrence of Non-Small Cell Lung Cancer

Rong Liu¹, Jesse Wolinsky², Mark W. Grinstaff², Yolonda L. Colson¹
1. Brigham and Women's Hospital, Boston, MA, USA. 2. Boston University, Boston, MA, USA.

F12. Targeting tumor angiogenesis in thoracic malignancies using MEK pharmacologic inhibitor: in vitro and in vivo analysis

Shailen Sehgal², Wen-Shuz Yeow², Mustafa Hussain², Amy Loehfelm², Joseph Blansfield², Steven K. Libutti², Craig Thomas², Dao M. Nguyen¹
1. Surgery, University of Miami, Miami, FL, USA. 2. National Cancer Institute, National Institutes of Health, Bethesda, MD, USA.

F13. Ambulatory Lung Assist Device Oxygenates and Removes Carbon Dioxide from Blood Across a Silicone-Coated Porous Membrane

David M. Hoganson¹, Jennifer Anderson¹, Brian Orrick², Joseph P. Vacanti¹
1. Massachusetts General Hospital, Boston, MA, USA. 2. Alito Therapeutics, Boston, MA, USA.

F14. Long Acting Oral Phosphodiesterase Inhibition Preconditions Against Reperfusion Injury In An Experimental Lung Transplantation Model

Eric S. Weiss¹, Jason A. Williams¹, William M. Baldwin², William A. Baumgartner¹, Hunter C. Champion³, Ashish S. Shah¹
1. Cardiac Surgery, The Johns Hopkins University School of Medicine, Baltimore, MD, USA. 2. Department of Pathology, The Johns Hopkins University School of Medicine, Baltimore, MD, USA. 3. Division of Cardiology, Department of Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD, USA.

F15. Differential gene expression profiling of esophageal adenocarcinoma

Zane Hammoud, Sunil Badve, Qianqian Zhao, Lang Li, Karen Rieger, Kenneth Kesler
Indiana University School of Medicine, Indianapolis, IN, USA.

F16. Screening of Epidermal Growth Factor Receptor Gene Mutation in Non-small Cell Lung Cancer Using a New PCR-based Enzymatic Digestion Method

Young T. Kim², Sun J. Park², Joo-yeon Park², Hyun C. Wi², Chang H. Kang¹, Sook W. Sung², Joo H. Kim¹
1. Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul, South Korea. 2. Cancer Research Institute, Seoul National University, Seoul, South Korea.

F17. A novel JAK3 and Syk-Inhibitor, R348, for prevention of chronic airway allograft rejection

Jeffrey Velotta¹, Vanessa Taylor², Esteban Masuda², Gary Park², David Carroll², Robert

Robbins¹, Sonja Schrepfer¹

1. Cardiothoracic Surgery, Stanford University School of Medicine, Stanford, CA, USA. 2. Rigel Pharmaceuticals, South San Francisco, CA, USA.

F18. Association with Survival of the CXCL12-CXCR4 Chemokine Axis in Adenocarcinoma of the Lung

P. L. Wagner¹, M. Vazquez², J. Port¹, P. Lee¹, A. Saqi², N. Altorki¹

1. Cardiothoracic Surgery, New York Presbyterian Hospital/Weill Cornell Medical Center, New York, NY, USA. 2. Pathology, Weill Cornell Medical College, New York, NY, USA.

F19. Overexpression of Cyclooxygenase-2 is Associated with Chemoradiotherapy Resistance and Prognosis in Esophageal Squamous Cell Carcinoma Patients

Huang Weizhao², Fu Jianhua¹, Hu Yi¹, Liu Mengzhong¹, Yang Hong¹, Zheng Bin¹, Wang Geng¹, Rong Tiehua¹

1. Cancer Center, Sun Yat-Sen University, Guangzhou, China. 2. Cancer Center and Zhongshan Hospital, Sun Yat-Sen University, Zhongshan, China.

F20. Detergent-enzymatic bioengineered pig tracheal tubular matrices lack of immunogenicity and maintain their structural integrity when implanted heterotopically in an allo- and xenotransplantation model

Philipp Jungebluth¹, Tetsuhiko Go¹, Silvia Bellini², Chiara Calore², Luca Urbani², Tatiana Chioato², Michaela Turetta², Adelaide M. Asnaghi³, Sara Mantero³, Maria T. Conconi², Paolo Macchiarini¹

1. Dept. of General Thoracic Surgery, Hospital Clinic, University of Barcelona, Barcelona, Spain. 2. Dept. of Pharmaceutical Sciences, University of Padua, Padua, Italy. 3. Dept. of Bioengineering, Politecnico di Milano, Milano, Italy.

TUESDAY MORNING, MAY 13, 2008

9:00 am PLENARY SCIENTIFIC SESSION

(8 minutes presentation, 12 minutes discussion)

Ballroom 20 A-C, San Diego Convention Center

Moderators: D. Craig Miller, Thoralf M. Sundt

29. Mid-Term Results of Endovascular treatment of acute and chronic aortic dissection: The Talent Thoracic Retrospective Registry (TTR)

Marek P. Ehrlich¹, Stephan Kische², Herve Rousseau³, Robin Heijmen⁴, Philippe Piquet⁵, Jean-Paul Beregi⁶, Christoph A. Nienaber², Rossella Fattori⁷

1. Dept. Cardiothoracic Surgery, Univ. Hospital Vienna, Vienna, Austria. 2. Division of Cardiology, Univ. Hospital Rostock, Rostock, Germany. 3. Dept. of Radiology, Hopital de Rangueil, Toulouse, France. 4. Dept. Cardiothoracic Surgery, St. Antonius Hospital, Nieuwegein, Netherlands. 5. Hopital Sainte Marguerite, Marseille, France. 6. Hopital Cardiologique CHRU, Lille, France. 7. Cardiovascular Radiology, Univ. Hospital S. Orsola, Bologna, Italy.

30. Mechanical valves versus Ross procedure for aortic valve replacement in children: Propensity-adjusted comparison of long-term outcomes

Bahaaldin Alsoufi¹, Cedric Manlhiot², Brian McCrindle², Mamdouh Al-Ahmadi¹, Ahmed Sallehuddin¹, Charles Canver¹, Ziad Bulbul¹, Mansoor Joufan¹, Ghassan Siblini¹, Zohair Al-Halees¹, Bahaa Fadel¹

1. King Faisal Heart Institute, King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia. 2. Hospital for Sick Children and University of Toronto, Toronto, ON, Canada.

31. How does the use of PTFE neochordae for posterior mitral valve prolapse (loop technique) compare with leaflet resection? Results of a prospective randomized trial

Volkmar Falk¹, Markus Czesla¹, Joerg Seeburger¹, Thomas Kuntze¹, Patrick Perrier², Fitsum Lakev², Joerg Ender¹, Nicolas Doll¹, Franka Nette¹, Michael A. Borger¹, Friedrich W. Mohr¹
1. Heartcenter Leipzig, Leipzig, Germany. 2. Cardiovascular Center Bad Neustadt, Bad Neustadt, Germany.

10:00 **AWARD PRESENTATIONS**
am Ballroom 20 A-C, San Diego Convention Center

10:15 **INTERMISSION — VISIT EXHIBITS**
am Exhibit Hall

11:00 **32. Application of the Revised Lung Cancer Staging System (IASLC Staging Project) to a**
am **Cancer Center Population**

Edmund S. Kassis¹, Ara A. Vaporciyan¹, Stephen G. Swisher¹, Arlene M. Correa¹, Neby Bekele², Jeremy J. Erasmus³, Wayne L. Hofstetter¹, Ritsuko Komaki⁴, Reza J. Mehran¹, Cesar A. Moran⁵, Katherine M. Pisters⁶, David C. Rice¹, Garrett L. Walsh¹, Jack A. Roth¹
1. The University of Texas MD Anderson Cancer Center, Department of Thoracic and Cardiovascular Surgery, Houston, TX, USA. 2. The University of Texas MD Anderson Cancer Center, Department of Bioinformatics & Computational Biology, Houston, TX, USA. 3. The University of Texas MD Anderson Cancer Center, Department of Radiology, Houston, TX, USA. 4. The University of Texas MD Anderson Cancer Center, Department of Radiation Oncology, Houston, TX, USA. 5. The University of Texas MD Anderson Cancer Center, Department of Pathology, Houston, TX, USA. 6. The University of Texas MD Anderson Cancer Center, Department of Thoracic/Head and Neck Medical Oncology, Houston, TX, USA.

33. Selective Antegrade Cerebral Perfusion Via Right Axillary Artery Cannulation Reduces Morbidity and Mortality after Proximal Aortic Surgery

Michael E. Halkos, Faraz Kerendi, Richard Myung, Patrick D. Kilgo, John D. Puskas, Edward P. Chen
Emory University, Atlanta, GA, USA.

11:40 **ADDRESS BY HONORED SPEAKER**
am

50 Years of Cardiothoracic Surgery through the Looking Glass and What the Future Holds

Marko I. Turina, M.D., University Hospital, Zurich Switzerland
Introduced By: D. Craig Miller

12:20 **ADJOURN FOR LUNCH – VISIT EXHIBITS**
pm Exhibit Hall, San Diego Convention Center

ACADEMIC LEADERSHIP LUNCHEON
San Diego Convention Center

TUESDAY AFTERNOON, MAY 13, 2008

2:00 **SIMULTANEOUS SCIENTIFIC SESSION — ADULT CARDIAC SURGERY**
pm (8 minutes presentation, 12 minutes discussion)
Ballroom 20 A-C, San Diego Convention Center
Moderators: Joseph F. Sabik, Andrew S. Wechsler

34. Equivalent Patencies of the Radial Artery, Right Internal Thoracic Artery and Saphenous Vein Beyond 5 Years: Surprising Results from the Radial Artery Patency and Clinical Outcomes Trial

Philip Hayward¹, Mark Horrigan², David L. Hare², Ian Gordon³, George Matalanis², Brian F. Buxton²
1. Cardiothoracic Surgery, Essex Cardiothoracic Centre, Basildon, United Kingdom. 2. Austin Hospital, Melbourne, VIC, Australia. 3. University of Melbourne Statistical Consulting Centre,

Melbourne, VIC, Australia.

35. Efficacy of add mitral valve restrictive annuloplasty to CABG in patients with moderate ischemic mitral valve regurgitation

Khalil Fattouch, Francesco Guccione, Marco Muscarelli, Emiliano Navarra, Davide Calvaruso, Giuseppe Speziale, Giovanni Ruvolo
Cardiac Surgery, University of Palermo, Palermo, Italy.

Counterpoint: Alfredo Trento

Open Discussion

36. A Long Term Analysis of Percutaneous Fenestration and Stenting for Acute Type B Dissection with Malperfusion— Implications for Thoracic Aortic Endovascular Repair

Himanshu J. Patel, David M. Williams, Meir Meerkov, Narasimham L. Dasika, G. M. Deeb
University of Michigan Cardiovascular Center, Ann Arbor, MI, USA.

37. Hybrid endovascular aortic arch repair using branched endoprosthesis: The second generation 'branched' open stent grafting technique

Kazuo Shimamura¹, Toru Kuratani², Yukitoshi Shirakawa², Mugiho Takeuchi¹, Hiroshi Takano³, Goro Mastumiya¹, Yoshiki Sawa¹

1. Department of cardiovascular surgery, Osaka university graduate school of medicine, Osaka, Japan. 2. Department of Advanced Cardiovascular Therapeutics, Osaka University Graduate School of medicine, Osaka, Japan. 3. Department of Cardiovascular Surgery, Osaka General Medical Center, Osaka, Japan.

3:30
pm

INTERMISSION – VISIT EXHIBITS

Exhibit Hall, San Diego Convention Center

4:05
pm

SIMULTANEOUS SCIENTIFIC SESSION

Ballroom 20 A-C, San Diego Convention Center

Moderators: Joseph F. Sabik, Andrew S. Wechsler

38. Cardiovascular Magnetic Resonance Assessment of Myocardial Scarring Predicts Recurrence of Functional Ischemic Mitral Regurgitation after Anuloplasty

Tomislav Mihaljevic, Michael Flynn, Ronan Curtin, Edward R. Nowicki, Jeevanantham Rajeswaran, Scott D. Flamm, Eugene H. Blackstone
Cleveland Clinic, Cleveland, OH, USA.

39. Prosthesis-Patient Mismatch is Irrelevant for Patients Greater than 70 Years of Age Undergoing Bioprosthetic Aortic Valve Replacement

Marc R. Moon, Jennifer S. Lawton, Nabil A. Munfakh, Nader Moazami, Kristen A. Aubuchon, Kelly A. Baker, Michael K. Pasque, Ralph J. Damiano
Cardiothoracic Surgery, Washington University School of Medicine, Saint Louis, MO, USA.

Counterpoint: Christopher M. Feindel

Open Discussion

5:00
pm

EXECUTIVE SESSION (Members Only)

Ballroom 20 A-C, San Diego Convention Center

TUESDAY AFTERNOON, MAY 13, 2008

2:00
p.m

SIMULTANEOUS SCIENTIFIC SESSION — GENERAL THORACIC SURGERY

(8 minutes presentation, 12 minutes discussion)

Room 25, San Diego Convention Center

Moderators: G. Alexander Patterson, Joe B. Putnam

40. Does reperfusion injury still cause significant mortality after lung transplantation?

Gorav Ailawadi, Christine L. Lau, Lynn M. Fedourk, Philip W. Smith, Courtney Kuhn, Benjamin

*D. Kozower, John A. Kern, Benjamin B. Peeler, Irving L. Kron, David R. Jones
TCV Surgery, University of Virginia, Charlottesville, VA, USA.*

41. Does Endobronchial Ultrasonography have a place in the Thoracic Surgeon's Armamentarium?

Sebastien Gilbert¹, David O. Wilson², Neil A. Christie¹, James D. Luketich¹, Matthew J. Schuchert¹

1. Heart, Lung, and Esophageal Surgery Institute, University of Pittsburgh Medical Center, Pittsburgh, PA, USA. 2. The Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, USA.

42. Tailored Cricoplasty - An Improved Modification for Reconstruction in Subglottic Tracheal Stenosis

Moishe Liberman, Douglas J. Mathisen

Thoracic Surgery, Massachusetts General Hospital, Boston, MA, USA.

3:00
pm

INTERMISSION — VISIT EXHIBITS

Exhibit Hall, San Diego Convention Center

3:35
pm

SIMULTANEOUS SCIENTIFIC SESSION — GENERAL THORACIC SURGERY

Room 25, San Diego Convention Center

Moderators: G. Alexander Patterson, Joe B. Putnam

43. Analysis of surgical results leads to improved post-operative algorithms and fast-tracking of high risk patients after pulmonary resection

Ayesha Bryant, Robert J. Cerfolio

Surgery, University of Alabama at Birmingham, Birmingham, AL, USA.

44. VATS lobectomy versus thoracotomy for lung cancer. Results in 741 patients

Raja M. Flores, Bernard J. Park, Joseph Dycoco, Anna Arnova, Yael Hirth, Nabil P. Rizk, Manjit Bains, Robert J. Downey, Valerie W. Rusch

Thoracic Surgery, Memorial Sloan-Kettering Cancer Center, New York, NY, USA.

45. Operative risk of pneumonectomy: Influence of preoperative induction therapy

Henning A. Gaissert, Dong Yoon Keum, Cameron D. Wright, Marek Ancukiewicz, Dean M.

Donahue, John C. Wain, Michael Lanuti, Noah C. Choi, Douglas J. Mathisen

MGH, Boston, MA, USA.

Counterpoint: Mark Krasna

Open Discussion

5:00
pm

EXECUTIVE SESSION (Members Only)

Ballroom 20 A-C, San Diego Convention Center

TUESDAY AFTERNOON, MAY 13, 2008

2:00
pm

SIMULTANEOUS SCIENTIFIC SESSION – CONGENITAL HEART DISEASE

(8 minutes presentation, 12 minutes discussion)

Room 28 A-C, San Diego Convention Center

Moderators: Charles D. Fraser, James S. Tweddell

46. Surgery for Adults with Congenital Heart Disease Should Be Performed by Congenital Heart Surgeons

Invited Pro: Joseph A. Dearani

Invited Con: Michael A. Acker

Open Discussion

47. Optimal dose of aprotinin for neuroprotection and renal function in a piglet model

Yusuke Iwata, Toru Okamura, David Zurakowski, Richard A. Jonas
Children's National Heart Institute, Children's National Medical Center, Washington, DC, USA.

48. Functional health status in an inception cohort of adult survivors with tetralogy of Fallot

Edward J. Hickey, Gruschen Veldtman, Timothy Bradley, Aungkana Gengsakul, Gary Webb, William G. Williams, Cedric Manlhiot, Brian W. McCrindle
The Hospital for Sick Children, Toronto, ON, Canada.

3:10 pm **INTERMISSION — VISIT EXHIBITS**
Exhibit Hall, San Diego Convention Center

3:45 pm **SIMULTANEOUS SCIENTIFIC SESSION — CONGENITAL HEART DISEASEM**
Room 28 A-C, San Diego Convention Center
Moderators: Charles D. Fraser, James S. Tweddell

49. Ventricular performance in long-term survivors after Fontan operation

Yuki Nakamura, Toshikatsu Yagihara, Kouji Kagisaki, Ikuo Hagino, Shuichi Shiraishi, Junjiro Kobayashi, Soichiro Kitamura
Cardiothoracic Surgery, National Cardiovascular Center, Suita, Osaka, Japan.

50. How Size Matters: The Complex Relationship Between Pediatric Cardiac Surgical Case Volumes and Mortality Rates in a National Clinical Database

Karl F. Welke¹, Sean M. O'Brien², Eric D. Peterson², Ross M. Ungerleider¹, Marshall L. Jacobs³, Jeffery P. Jacobs⁴
1. Surgery, Oregon Health and Science University, Portland, OR, USA. 2. Outcomes Research and Assessment Group, Duke Clinical Research Institute, Durham, NC, USA. 3. St. Christopher Hospital for Children, Philadelphia, PA, USA. 4. The Congenital Heart Institute of Florida (CHIF), Saint Petersburg and Tampa, FL, USA.

51. What Is the Optimal Timing of Cardiac Transplantation for Failed Fontan: A Single Institution Experience

Ryan R. Davies¹, Jonathan Yang¹, Robert Sorabella¹, Mark Russo¹, Ralph S. Mosca¹, Jonathan M. Chen², Jan M. Quagebeur¹
1. Columbia University Medical Center, New York, NY, USA. 2. Weill Medical College of Cornell University, New York, NY, USA.

5:00 pm **EXECUTIVE SESSION (Members Only)**
Ballroom 20 A-C, San Diego Convention Center

Preliminary Program Outline

WEDNESDAY MORNING, MAY 14, 2008

7:00 am **EMERGING TECHNOLOGIES AND TECHNIQUES FORUM**
(7 Minutes Presentation, 6 Minutes Discussion)
Room 25, San Diego Convention Center
Moderators: Michael A. Acker, Lars G. Svensson

T1. Inflammation is reduced using the Resting Heart Mini-Cardiopulmonary Bypass System in a Prospective Randomized Study

Bob Kiaii, Kelly Summers, Stephanie Fox, Stuart A. Swinamer, Reiza Rayman, Andrew Cleland, Philip Fernandes, James MacDonald, Wojciech Dobkowski, Richard J. Novick
London Health Sciences Centre, London, ON, Canada.

T2. Is transcatheter based aortic valve implantation really less invasive than minimal invasive aortic valve replacement?

Mirko Doss, Sven Martens, Stephan Fichtelscherer, Thomas Trepels, Gerhard Wimmer Greinecker, Anton Moritz, Volker Schächinger
Thoracic and Cardiovascular Surgery, J.W.Goethe University Frankfurt, Frankfurt am Main, Germany.

T3. SUTURELESS PERCEVAL S AORTIC VALVE REPLACEMENT: Multicentric, Prospective, Pilot Trial

Malakh Shrestha¹, Thierry Folliguet², Paul Herijgers³, Alain Debie², Christoph Bara¹, Marie-Christin Herregods³, Nawid Khaladj¹, Christian Hagl¹, Willem Flameng³, Francois Laborde², Axel Haverich¹

1. Cardiothoracic Surgery, Hannover Medical School, Hannover, Germany. 2. Institut Mutualiste Montsouris, Paris, France. 3. U.Z. Gasthuisberg, Leuven, Belgium.

T4. Efficacy of Intramyocardial Injection of Angiogenic Cell Precursors for Dilated Cardiomyopathy: A Case Match Study

Kitipan V. Arom, Permyos Ruengsakulrach, Vibul Jotisakulratana

Cardiovascular Surgery, Bangkok Heart Hospital, Bangkok, Thailand.

T5. Radiofrequency ablation for cure in medically inoperable stage I lung cancer: A single institution experience

Michael Lanuti, Amita Sharma, Subba R. Digumarthy, Cameron D. Wright, John C. Wain, Douglas J. Mathisen, JoAnne O. Shepard
Thoracic Surgery, MGH, Boston, MA, USA.

T6. Transapical Transcatheter Aortic Valve Implantation One Year Follow-Up in 19 Patients

Jian Ye, Anson Cheung, John G. Webb, Daniel R. Wong, Ronald G. Carere, Christopher R. Thompson, Samuel V. Lichtenstein
Surgery, University of British Columbia, Vancouver, BC, Canada.

T7. A Multicenter Prospective Randomized Trial of a 2nd Generation Anastomotic Device in Coronary Artery Bypass Surgery

Lars Wiklund³, Marek Setina², Robert J. Cusimano¹, Katherine Tsang¹, Terrence M. Yau¹
1. Division of Cardiovascular Surgery, Toronto General Hospital, Toronto, ON, Canada. 2. University Hospital FN Motol, Prague, Czech Republic. 3. Sahlgrenska University Hospital, Gothenburg, Sweden.

T8. Minimally Invasive Surgical Pulmonary Vein Isolation for Atrial Fibrillation: A Multicenter Experience

James R. Edgerton¹, James McClelland², David Duke², Marc Gerdisch³, Bryan Steinberg⁴, Scott H. Bronleewe⁵, Tara A. Weaver⁶, Syma L. Prince⁶, Michael J. Mack¹
1. Medical City Dallas Hospital, Dallas, TX, USA. 2. Endovascular Research, Eugene, OR, USA. 3. Central Dupage Hospital, Winfield, IL, USA. 4. Washington Adventist Hospital, Takoma Park, MD, USA. 5. University Community Hospital, Tampa, FL, USA. 6. CRSTI, Dallas, TX, USA.

8:45
am

CONTROVERSIES IN CARDIOTHORACIC SURGERY PLENARY SESSION

Ballroom 20 A-C, San Diego Convention Center

Live Surgery at National and Regional Cardiothoracic Surgical Meetings Should Be Outlawed

Invited Moderator: D. Craig Miller

Invited Pro: Duke Cameron

Invited Con: Hugo K.I. Vanermen

CONTROVERSIES IN CARDIOTHORACIC SURGERY PLENARY SESSION

Ballroom 20 A-C, San Diego Convention Center

Should the Certifying Authority Provide Two Certificates: One for Cardiac Surgery and One for Thoracic Surgery?

Invited Moderator: Bruce W. Lytle

Invited Pro: Walter Klepetko

Invited Con: Douglas J. Mathisen

10:45
am

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