

# The Houston Aortic Symposium

Frontiers in Cardiovascular Diseases

The Second in the Series

March 26, 27 & 28, 2009

## Scientific Program

*Thursday, March 26, 2009*

6:45 – 7:45 AM	<b>Continental Breakfast and Registration</b>
7:00 AM – 5:00 PM	<b>Poster Viewing</b>
7:45 – 8:00 AM	<b>Opening Remarks</b> <i>Larry R. Kaiser, MD, Giuseppe Colasurdo, MD, and Juanita Romans, CEO</i>
<b>Session I</b>	<b>Mitral Valve</b> <i>Moderators: Hazim J. Safi, MD, and David D. McPherson, MD</i>
8:00 – 8:20 AM	<b>Anatomy and Pathology of Mitral Valve</b> <i>Saroja Bharati, MD</i>
8:20 – 8:40 AM	<b>Clinical Correlation</b> <i>Saroja Bharati, MD, Susan T. Laing, MD, David D. McPherson, MD, David Mehlman, MD</i>
8:40 – 9:00 AM	<b>Expanding Indications for Mitral Valve Repair in Patients with Degenerative Valve Disease</b> <i>Hartzell V. Schaff, MD</i>
9:00 – 9:40 AM	<b>Minimally Invasive Mitral Valve Surgery</b> <i>Jon-Cecil Walkes, MD</i>
9:40 – 10:00 AM	<b>Percutaneous Mitral Repair-E-Valve</b> <i>Richard Smalling, MD, PhD</i>
10:00 – 10:20 AM	<b>Panel Discussion</b>
10:20 – 10:40 AM	<b>Break/Visit Exhibits</b>
<b>Session II</b>	<b>Transcatheter Valves</b> <i>Moderators: Abbas Rashid, MD, and Jon-Cecil Walkes, MD and Piotr Oberwalder, MD</i>
10:40 – 11:00 AM	<b>Catheter Based Aortic Valve Replacement: Dallas Experience</b> <i>Michael J. Mack, MD</i>

Thursday, March 26, 2009 (continued)

- 11:00 – 11:20 AM      **Transapical AVR/Percutaneous Valve: Cleveland Experience**  
*Lars G. Svensson, MD, PhD*
- 11:20 – 11:40 PM      **Catheter Based Aortic Valve Replacement, Penn Experience**  
*Joseph E. Bavaria, MD*
- 11:40 – 12:40 PM      **Lunch**  
*Guest Speaker: John D. Reveille, MD*
- Session III**                      **Aortic Valve: Diagnosis and Evaluation**  
*Moderators: Eyal E. Porat, MD, and Thomas G. Gleason, MD*
- 12:40 – 1:00 PM      **Pathology of Aortic Valve**  
*L. Maximilian Buja, MD*
- 1:00 – 1:20 PM      **Imaging and the Aortic Valve**  
*Poyee P. Tung, MD*
- 1:20 – 1:40 PM      **Indications and Caveats of Aortic Valve Repair and Valve-Sparing Root Replacement**  
*Thomas G. Gleason, MD*
- 1:40 – 2:00 PM      **AHA/ACC/STS Guidelines for the Management of Mitral/Aortic Valve Disease**  
*Robert O. Bonow, MD*
- Session IV**                      **Update on Vascular Surgery Part 1**  
*Moderator: Ali Azizzadeh, MD*
- 2:00 – 2:20 PM      **Total Aortic Replacement Using Endovascular Approach**  
*Alan Lumsden, MD*
- 2:20 – 2:40 PM      **Complicated EVAR/Managing Complications**  
*Barry T. Katzen, MD*
- 2:40 – 3:00 PM      **Outcomes of EVAR/Open AAA: VA Experience**  
*Julie A. Freischlag, MD*
- 3:00 – 3:20 PM      **Indications for Renal/Visceral Bypasses**  
*Kevin W. Finkel, MD*
- 3:20 – 3:40 PM      **Break/Visit Exhibits**

Thursday, March 26, 2009 (continued)

**Session V**

**Update on Vascular Surgery Part 2**

*Moderators: Nicholas J.W. Cheshire, MD, and Sheila M. Coogan, MD*

3:20 – 3:40 PM

**Improving Results of CEA: From Esthetics to Hyperperfusion Syndrome**

*Enrico Ascher, MD*

3:40 – 4:00 PM

**Australian Experience with Arch Reconstruction**

*George Matalanis, MD*

4:00 – 4:20 PM

**Update on Carotid Artery Stenting/Open Endarterectomy**

*Wesley S. Moore, MD*

4:20 – 4:40 PM

**Open CEA**

*Gregorio A. Sicard, MD*

4:40 – 5:00 PM

**Long Term Results of EVAR**

*Peter R. Taylor, MA, Mchir*

5:00 – 5:10 PM

**Panel Discussion**

5:10 – 6:00 PM

**Abstract Presentations: Rapid Fire**

*Moderator: Anthony L. Estrera, MD and Kevin Burnand, MD*

5:10 – 5:15 PM

**#295 Surgical Treatment of Suppuration of Synthetic Vascular Prosthesis**

*Mahtumkuli Tanryberdiyev, MD*

5:15 – 5:20 PM

**#283 Transcatheter Aortic Valve Implantation: From a Challenge to a Hope**

*Francesco Grillo, MD*

5:20 – 5:25 PM

**#235 Hybrid Treatment of Aortic Aneurysms Involving Visceral Vessel**

*Loay Kabbani, MD*

5:25 – 5:30 PM

**#276 Simultaneous Tyron David and Nuss Procedure in Marfan Patient with Pectus Excavatum**

*Jean Philippe Verhoye, MD, PhD*

5:35 – 5:40 PM

**#264 Modified Bentall Operation with a Novel Biological Valved Conduit**

*Allen Stewart, MD*

5:40 – 5:45 PM

**#273 Arch-First Technique for Tevar Complication in Acute Type B Dissection**

*Gianfranco Filippone, MD*



*Thursday, March 26, 2009 (continued)*

5:45 – 5:50 PM

**#273 Arch-First Technique for Tevar Complication in Acute Type B  
Dissection**

*Gianfranco Filippone, MD*

5:45 – 6:00 PM

Discussion and Adjourn

## Scientific Program

*Friday, March 27, 2009*

7:00 – 7:45 AM	<b>Continental Breakfast and Registration</b>
7:00 AM – 5:00 PM	<b>Poster Viewing</b>
7:45 – 8:00 AM	<b>Opening Remarks: Centennial for Dr. Michael DeBakey</b> <i>Hazim J. Safi, MD &amp; David D. McPherson, MD</i>
<b>Session VI</b>	<b>Proximal Aorta</b> <i>Moderators: Joseph E. Bavaria, MD, and Ali E. Denktas, MD</i>
8:00 – 8:20 AM	<b>Reflections of Cardiovascular Surgery in Houston</b> <i>Denton A. Cooley, MD</i>
8:20 – 9:00 AM	<b>Update on Genetics of Thoracic Aneurysms</b> <i>Dianna M. Milewicz, MD, PhD</i>
9:00 – 9:20 AM	<b>MMPs and Aortic Surgery</b> <i>John S. Ikonomidis, MD</i>
9:20 – 9:40 AM	<b>Medical Management of Type A Dissection</b> <i>John A. Elefteriades, MD</i>
9:40 – 10:20 AM	<b>Break/Visit Exhibits</b>
10:20 – 10:40 AM	<b>EVAR for Ruptured AAA</b> <i>Frank J. Veith, MD</i>
10:40 – 11:00 AM	<b>Current Results of the “Florida Sleeve”</b> <i>Tomas Martín, MD</i>
11:00 – 11:20 AM	<b>The Ascending Aorta in Bicuspid Aortic Valve Disease, Do they Really All Need to be Replaced?</b> <i>Thoralf M. Sundt, III, MD</i>
11:20 – 11:40 AM	<b>Hybrid Repair of Aortic Arch</b> <i>Grayson H. Wheatley, III, MD</i>
11:40 – 12:00 PM	<b>Panel Discussion</b>
12:00 – 1:00 PM	<b>LUNCH: Deconstructing the Body</b> <i>Guest Speaker: Richard E. Kerber, MD</i>

Friday, March 27, 2009 (continued)

**Session VII**

**Acute Aortic Dissection**

*Moderators: John A. Elefteriades, MD, and Anthony L. Estrera, MD*

1:00 – 1:20 PM

**Mathematical and Physical Models of Type B Aortic Dissection**

*Ramon Berguer, MD, PhD*

1:20 – 1:40 PM

**Axillary Cannulation for Type A Aortic Dissection**

*Edward P. Chen, MD*

1:40 – 2:00 PM

**Complicated Dissection—TEVAR Approach**

*Joseph E. Bavaria, MD*

2:00 – 2:20 PM

**Endovascular Approach to Complicated Acute Type B Aortic Dissection; Standard of Care?**

*Ali Khoynezhad, MD*

2:20 – 2:40 PM

**DeBranching the Arch: What are the Best Technical Options?**

*Enrique Criado, MD*

2:40 – 3:00 PM

**CREST Trial of Acute Stroke Management**

*James C. Grotta, MD*

3:00 – 3:20 PM

**Management of Blunt Traumatic Aortic Injury**

*Ali Azizzadeh, MD*

3:20 – 3:40 PM

**Break/Visit Exhibits**

**Session VIII**

**Thoracic Aneurysms**

*Moderators: Thoralf M. Sundt, III, MD, and Hazim J. Safi, MD*

3:40 – 4:00 PM

**Update on Screening for Aneurysms**

*Sheila M. Coogan, MD*

4:00– 4:20 PM

**Update on Spinal Cord Protection**

*Randall B. Griep, MD*

4:20 – 4:40 PM

**Open TAAA Repair**

*Hazim J. Safi, MD*

4:40 – 5:00 PM

**Pediatric Vascular Surgery**

*Wilhelm Sandmann, MD*

5:00 – 6:00 PM

**Abstract Presentations: Rapid Fire**

5:00 – 5:05 PM

**#279 Single Centre Experience of the Hybrid Thoracoabdominal Aneurysm Repair**

*Celia Riga, BSc, MBBS, MRCS*

Friday, March 27, 2009 (continued)

- 5:05 – 5:10 PM            **#270 Type II Endoleak Following Descending Aorta Stent Graft Implantation: Is it a Surgical Option?**  
*Jacques Robin, MD, PhD*
- 5:10 – 5:15 PM            **#238 The Total Aortic Arch Reconstruction Graft TAARG: A Novel Device for Single-Stage Total Aortic Arch Replacement Using a Hybrid Approach**  
*Hisham Sherif, MD, FAHA*
- 5:15 – 5:20 PM            **#226 Medtronic Valiant Stentgrats for Treatment of Thoracic Aorta Diseases**  
*Mehrab Merzaban, MD*
- 5:20 – 5:25 PM            **#256 Graft Infection After Thoracic Endovascular Aortic Repair: Surgical Nightmare or an Unresolved Challenge?**  
*Piotr Bednarski, MD*
- 5:25 – 5:30 PM            **#297 Gene Analysis in an Animal Model of Spontaneous Aortic Dissecting Aneurysm**  
*Jaswant Basraon, DO*
- 5:30 – 5:35 PM            **#240 Thoracic Endovascular Aortic Stent Graft Versus Open Surgical Treatment for Different Thoracic Aortic Pathologies: Early Experience**  
*Said Soliman, MD*
- 5:35 – 5:40 PM            **#266 A New Extended Type A Aortic Dissection ETA-AD Hybrid Approach**  
*Giampiero Esposito, MD*
- 5:40 – 5:45 PM            **#275 Facile Application of Hypothermic Total Cardiopulmonary Bypass Using Axillary Artery Cannulation in the Management of Arch and Descending Aortic Dissections**  
*Nan Wang, MD*
- 5:45 – 5:50 PM            **#288 Endograft Repair is Safe, Effective and the Preferred Treatment for Traumatic Thoracic Aortic Tears**  
*J. Nilas Young, MD*
- 5:50 – 5:55 PM            **#280 Cannulation of the Left Carotid Artery in a Bovine Arch Using Robotic Endovascular Catheters; A Role for Robotics in Advanced Carotid Intervention**  
*Celia Riga, BSc, MBBS, MRCS*
- 6:00 PM                      Adjourn

## Scientific Program

*Saturday, March 28, 2009*

- 7:00 – 8:00 AM                    **Continental Breakfast**
- 8:00 – 8:20 AM                    **Opening Remarks**  
*Hazim J. Safi, MD & David D. McPherson, MD*
- Session IX**                        **Venous and Aortic Disease**  
*Moderators: Hazim J. Safi, MD, and David D. McPherson, MD*
- 8:20 – 8:40 AM                    **Venous Disease**  
*Kevin Burnand, MD*
- 8:40 – 9:00 AM                    **Heart Failure and Aneurysm Disease**  
*Deborah Meyers, MD*
- 9:00 – 9:20 AM                    **TAAA and Renal Complications**  
*Charles C. Miller, III, PhD*
- 9:20 – 9:40 AM                    **Management of CSFD for TAAA Repair**  
*Anthony L. Estrera, MD*
- 9:40 – 10:00 AM                   **Break/Visit Exhibits**
- 10:00 – 10:20 AM                   **Anesthetic Considerations for Aneurysm Repair**  
*Roy Sheinbaum, MD*
- Oral Abstracts & Video Presentations**  
**Moderator:** *Charles C. Miller III, PhD*
- 10:20 – 10:25 AM                   **#261 Aortic Sinus Wall Dimensions and Geometry in Fresh Autopsy Specimens**  
*Kenneth Caldwell, MD*
- 10:25 – 10:30 AM                   **#281 Modified Expandable Device for Easy and Reliable Dissection Layers Approximation in Sutureless Aortic Anastomosis**  
*Stefano Nazari, MD*
- 10:30 – 10:35 AM                   **#277 Valve-Sparing External Aortic Root Remodeling With the Valsalva Graft. Immediate and Mid-Term Results**  
*Amando Gamba, MD*
- 10:35 – 10:40 AM                   **#278 The Staged Repair of Chronic Dissection Aneurysm with Two Elephant Trunks Technique**  
*Chul-Hyn Park, MD*

*Saturday, March 28, 2009 (continued)*

- 10:40 – 10:45 AM      **#287 Early Outcome of the False Lumen Alter Hybrid Stent-Graft Replacement of the Aortic Arch and Descending Aorta**  
*Carlos A. Mestres, MD, PhD, FETCS*
- 11:00 – 11:05 AM      **#259 Rebuilding the Aortic Root with In-Situ Three-Dimensional Measurements: A New Concept in Valve Sparing Surgery**  
*Andras Kollar, MD, PhD*
- 11:05 – 11:10 AM      **#271 Hybrid Procedure for Thoraco Abdominal Aneurysm: Is a Valid Option?**  
*Jacques Robin, MD, PhD*
- 11:10 – 11:15 AM      **#286 Early Outcome After One-Step Integrated Stent-Graft Replacement of the Intrathoracic Aorta**  
*Carlos A. Mestres, MD, PhD, FETCS*
- 11:15 – 11:30 AM      **Discussion**
- 11:30 AM                **Closing**  
*Hazim J. Safi, MD & David D. McPherson, MD*