



## PROGRAM

Be sure to register for the Open or Endovascular 'Stump the Stars' Breakfast Sessions in order to be invited to submit cases for potential review by leading experts. *Space is limited.*  
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### THURSDAY, May 12, 2016

- 7:30 am-9:00 am **SESSION I: AORTIC SURGERY - OVERVIEW**  
**Moderators:** Joseph S. Coselli  
Thoralf M. Sundt, III
- 7:30 am **Introduction**  
Joseph S. Coselli  
Steven L. Lansman
- 8:00 am **Paradigm for Detecting Silent Thoracic Aneurysm Disease**  
**John A. Elefteriades**  
Yale University School of Medicine, New Haven, CT, USA
- 8:15 am **Update on Biomarkers for Thoracic Aortic Disease**  
**Scott A. LeMaire**  
Baylor College of Medicine, Houston, TX, USA
- 8:30 am **Guidelines for Aortic Surgery**  
**Lars G. Svensson**  
Cleveland Clinic, Cleveland, OH, USA
- 8:45 am **Bicuspid Aortopathy: A Selective Approach**  
**Thoralf M. Sundt**  
Massachusetts General Hospital, Boston, MA, USA

The Plenary Citation abstracts mentioned by the moderator during this session were #315, #260, #84 and #48. To view the full presentations, visit any Presentation on Demand kiosk located in the Empire & Lenox Ballrooms (Exhibit Hall) or on the Mobile Application.

- 9:00 am-9:45 am **COFFEE BREAK**  
**VISIT EXHIBITS AND VIEW PRESENTATIONS ON DEMAND**
- 9:45 am-11:00 am **SESSION II: CONGENITAL AORTIC DISEASE**  
**Moderators:** Nicholas T. Kouchoukos  
Thoralf M. Sundt, III
- 9:45 am **The Growing Concern of Aortic Arch Pathology and Congenital Heart Disease**  
**Charles D. Fraser**  
Texas Children's Hospital, Houston
- 10:00 am **Rings and Things**  
**Duke E. Cameron**  
Johns Hopkins Hospital, Baltimore, MD, USA
- 10:15 am **Aortic Surgery in Pregnancy**  
**Steven L. Lansman**  
Westchester Medical Center, Valhalla, NY, USA
- 10:30 am **Inherited Disease of the Aorta**  
**Hal Dietz**  
John Hopkins University School of Medicine, Baltimore, MD, USA
- 10:45 am **THE GRIEPP PAPER: Management of the Aortic Arch in Loeys-Dietz Syndrome**  
**F. Schoenhoff<sup>1</sup>, D. Alejo<sup>1</sup>, J. H. Black<sup>2</sup>, T. C. Crawford<sup>1</sup>, H. C. Dietz<sup>3</sup>, J. C. Grimm<sup>1</sup>, J. T. Magruder<sup>1</sup>, N. D. Patel<sup>1</sup>, L. A.**

Vricella<sup>1</sup>, A. Young<sup>1</sup>, T. P. Carrel<sup>4</sup>, D. E. Cameron<sup>1</sup>

<sup>1</sup>Division of Cardiac Surgery, Johns Hopkins Medical Institutions, Baltimore, MD, USA, <sup>2</sup>Division of Vascular Surgery and Endovascular Therapy, Johns Hopkins Medical Institutions, Baltimore, MD, USA, <sup>3</sup>Institute of Genetic Medicine, Johns Hopkins Medical Institutions, Baltimore, MD, USA, <sup>4</sup>Department of Cardiovascular Surgery, University Hospital Berne, Berne, Switzerland

The Plenary Citation abstract mentioned by the moderator during this session was #83. To view the full presentations, visit any Presentation on Demand kiosk located in the Empire & Lenox Ballrooms (Exhibit Hall) or on the Mobile Application.

11:00 am-11:45 am **PANEL I**

11:45 am-1:30 pm **LUNCH**

1:30 pm-2:45 pm **SESSION III: AORTIC ROOT**

**Moderators:** G. Chad Hughes  
Lars G. Svensson

1:30 pm **Reimplantation of the Aortic Valve to Treat Aortic Root Aneurysms: A Progress Report**

**Tirone E. David**  
Toronto General Hospital, Toronto, ON, Canada

1:45 pm **The Stanford Aortic Root Repair**

**D. Craig Miller**  
Stanford University Medical School, Stanford, CA, USA

2:00 pm **Remodeling Root Repair with External Aortic Ring Annuloplasty**

**Emmanuel Lansac**  
Institut Mutualiste Montsouris, Paris, France

2:15 pm **Root Remodeling for Bicuspid Aortic Valves**

**Hans-Joachim Schaefer**  
University Hospital of Saarland, Homburg/Saar, Germany

2:30 pm **Management of Failed Aortic Root Repair**

**Michael A. Borger**  
Columbia / Presbyterian Hospital, New York, NY, USA

The Plenary Citation abstract mentioned by the moderator during this session was #382. To view the full presentations, visit any Presentation on Demand kiosk located in the Empire & Lenox Ballrooms (Exhibit Hall) or on the Mobile Application.

2:45 pm-3:30 pm **COFFEE BREAK**  
**VISIT EXHIBITS AND VIEW PRESENTATIONS ON DEMAND**

3:30 pm-5:00 pm **SESSION IV: AORTIC ARCH**

**Moderators:** G. Chad Hughes  
Lars G. Svensson

3:30 pm **Cerebral Protection: Temperature, Time and Tactics**

**G. Chad Hughes**  
Duke University Medical Center, Durham, NC, USA

3:45 pm **The Impact Of Temperature And Antegrade Cerebral Perfusion In Patients Undergoing Aortic Arch Surgery: How Relevant Is It Really?**

**O. Preventza<sup>1</sup>**, J. S. Coselli<sup>1</sup>, S. Akvan<sup>1</sup>, S. Kashyap<sup>1</sup>, A. Garcia<sup>1</sup>, K. Simpson<sup>2</sup>, R. Haywood-Watson<sup>1</sup>, J. Mayor<sup>1</sup>, M. D. Price<sup>1</sup>, K. I. de la Cruz<sup>1</sup>, F. G. Bakaeen<sup>2</sup>, L. Corwell<sup>2</sup>, S. Omer<sup>2</sup>  
<sup>1</sup>Surgery, Baylor College of Medicine, Houston, TX., USA,  
<sup>2</sup>Surgery, Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA

4:00 pm **Over 1000 Cases Of Total Arch Replacement Using Four-branched Graft With Antegrade Cerebral Perfusion**

**K. Minatoya<sup>1</sup>**, H. Sasaki<sup>1</sup>, H. Tanaka<sup>1</sup>, Y. Seike<sup>1</sup>, T. Itonaga<sup>1</sup>, T. Oda<sup>1</sup>, Y. Inoue<sup>1</sup>, J. Kobayashi<sup>1</sup>, H. Ogino<sup>2</sup>.  
<sup>1</sup>Dept. of CV surgery, National Cerebral and Cardiovascular Center, Osaka, Japan, <sup>2</sup>Dept. of CV surgery, Tokyo Medical University, Tokyo, Japan

4:15 pm **Zone Zero TEVAR**

**Eric E. Roselli**  
Cleveland Clinic, Cleveland, OH, USA

4:30 pm **Management of arch aneurysms with Single Branch TEVAR in Zone 0: An Early US Feasibility Study**

**Himanshu J. Patel**  
University of Michigan, Ann Arbor, MI, USA

4:45 pm **The Frozen Elephant Trunk Technique**

**Roberto Di Bartolomeo**  
Universita di Bologna, Bologna, Italy

The Plenary Citation abstracts mentioned by the moderator during this session were #41, #176, #179, #51, #362 and #376. To view the full presentations, visit any Presentation on Demand kiosk located in the Empire & Lenox Ballrooms (Exhibit Hall) or on the Mobile Application.

5:00 pm-5:45 pm **PANEL II**  
**Moderators:** David Spielvogel  
 Thoralf M. Sundt, III

5:45 pm **ADJOURN**

## FRIDAY, May 13, 2016

6:00 am-7:15 am **BREAKFAST SESSION I: STUMP THE STARS-OPEN SURGERY CASES**

**Moderators:** Nicholas T. Kouchoukos  
 David Spielvogel

6:00 am-7:15 am **BREAKFAST SESSION II: STUMP THE STARS-ENDOVASCULAR CASES**

**Moderators:** Joseph E. Bavaria  
 G. Chad Hughes

6:00 am-7:15 am **BREAKFAST SESSION III: CONTROVERSIES IN AORTIC SURGERY**

**Moderator:** Lars G. Svensson

**DEBATE 1: BEST PROCEDURE FOR BICUSPID AORTOPATHY: ROOT REPAIR VERSUS BENTALL**

**ROOT REPAIR**

Edward P. Chen  
 Emory University School of Medicine, Atlanta, GA, USA

**BENTALL**

Leonard N. Girardi  
 NYPH - Weill Cornell Medical College, New York, NY, USA

**DEBATE 2: BEST PROCEDURE FOR CHRONIC TYPE B DISSECTION: TEVAR VERSUS OPEN REPAIR**

**TEVAR**

Ali Khoynezhad  
 Cedars-Sinai Medical Center, Los Angeles, CA, USA

**OPEN REPAIR**

Joel Corvera  
 Indiana University Health, Indianapolis, IN, USA

7:25 am-8:45 am **SESSION V: TYPE A DISSECTION**

**Moderators:** Joseph E. Bavaria  
 Steven L. Lansman

7:25 am **ANNOUNCEMENTS**

7:30 am **"Classic" Hemiarch Repair for Acute Type A Aortic Dissection**

**Anthony L. Estrera**  
 University of Texas at Houston Medical Center, Houston, TX, USA

7:45 am **Total Arch Replacement and Frozen Elephant Trunk for Acute Type A Aortic Dissection**

**Li-Zhong Sun**  
 Capital Medical University, Beijing, China

8:00 am **New Branched Arch Endografts. A More Complete Solution for DeBakey Type I?**

**Joseph E. Bavaria**  
 University of Pennsylvania Medical Center, Philadelphia, PA, USA

8:15 am **Tevlar In (type A) Proximal Aortic Dissection - Ready for a Broader Application?**

**C. A. Nienaber<sup>1</sup>**, N. Sakalihan<sup>2</sup>, R. E. Clough<sup>3</sup>, M. Aboukoura<sup>4</sup>, E. Mancuso<sup>1</sup>, N. Cheshire<sup>1</sup>, U. P. Rosendahl<sup>1</sup>, J. Pepper<sup>1</sup>, C. Quarto<sup>1</sup>  
<sup>1</sup>Royal Brompton Hospital, London, United Kingdom,  
<sup>2</sup>Department of Chirurgie cardiovasculaire, Université catholique de Liège, Liège, Belgium, <sup>3</sup>Centre cardiovasculaire, Université de Lille, Lille, France, <sup>4</sup>Department of Cardiology, University of Rostock, Rostock, Germany

8:30 am **Acute Aortic Dissection- A UK National Perspective of Volume- Outcomes Relationship Utilizing National Institute for Cardiovascular Outcomes Research (NICOR) Data**

**M. Bashir<sup>1</sup>**, M. Fok<sup>1</sup>, M. Shaw<sup>1</sup>, G. Mariscalco<sup>2</sup>, A. Oo<sup>1</sup>.

<sup>1</sup>Thoracic Aortic Aneurysm Service, Liverpool Heart and Chest Hospital, Liverpool, United Kingdom, <sup>2</sup>Department of Cardiovascular Sciences, Glenfield General Hospital, Leister, United Kingdom

The Plenary Citation abstracts mentioned by the moderator during this session were #80 and #285. To view the full presentations, visit any Presentation on Demand kiosk located in the Empire & Lenox Ballrooms (Exhibit Hall) or on the Mobile Application.

- 8:45 am- 9:30 am **COFFEE BREAK**  
**VISIT EXHIBITS AND VIEW PRESENTATIONS ON DEMAND**
- 9:30 am-10:45 am **SESSION VI: TYPE B DISSECTION**  
**Moderators:** Joseph E. Bavaria  
Steven L. Lansman
- 9:30 am **Preliminary Results of the STABLE II Trial**  
**Thomas G. Gleason**  
University of Pittsburgh Medical Center, Pittsburgh, PA, USA
- 9:45 am **High Risk Non-Complicated Type B Dissection: Existing Predictors of Aortic Complication and New Preliminary ADSORB Data**  
**Santi Trimarchi**  
Policlinico San Donato IRCCS, Milan, Italy
- 10:00 am **Open Repair of Chronic Thoracoabdominal Aortic Dissection**  
**Joel Corvera**  
Indiana University Health, Indianapolis, IN, USA
- 10:15 am **TEVAR for Chronic Type B Aortic Dissection with Aneurysm**  
**Wilson Y. Szeto**  
Hospital of the University of Pennsylvania, Philadelphia, PA, USA
- 10:30 am **Adjunctive Balloon Fracture Fenestration Plus TEVAR for Chronic Aortic Dissection**  
**M. Levack, E. Roselli**  
Cleveland Clinic Foundation, Cleveland, OH, USA

The Plenary Citation abstracts mentioned by the moderator during this session were #39 and #203. To view the full presentations, visit any Presentation on Demand kiosk located in the Empire & Lenox Ballrooms (Exhibit Hall) or on the Mobile Application.

- 10:45 am-11:30 am **PANEL III**
- 11:30 am-1:15 pm **LUNCH**
- 1:15 pm-2:15 pm **SESSION VII: MALPERFUSION**  
**Moderators:** Joseph S. Coselli  
David Spielvogel
- 1:15 pm **Changes in Operative Strategy for Patients Enrolled in the IRAD-Interventional Cohort Program**  
**N. Parikh<sup>1</sup>, S. Trimarchi<sup>2</sup>, T. G. Gleason<sup>3</sup>, M. Di Eusanio<sup>4</sup>, T. Myrmei<sup>5</sup>, A. Korach<sup>6</sup>, H. Maniar<sup>7</sup>, T. Ota<sup>8</sup>, A. Khoyneshad<sup>9</sup>, D. G. Montgomery<sup>10</sup>, N. D. Desai<sup>11</sup>, C. A. Nienaber<sup>12</sup>, E. M. Isselbacher<sup>13</sup>, K. A. Eagle<sup>1</sup>, H. J. Patel<sup>14</sup>.**  
<sup>1</sup>Cardiovascular Center, University of Michigan, Ann Arbor, MI, <sup>2</sup>Thoracic Aortic Research Center, Thoracic Aortic Research Center, Policlinico San Donato IRCCS, San Donato, Italy, <sup>3</sup>Cardiothoracic Surgery, University of Pittsburgh, Pittsburgh, PA, <sup>4</sup>Cardiac Surgery Department, University Hospital S. Orsola, Bologna, Italy, <sup>5</sup>Thoracic and Cardiovascular Surgery, Tromso University Hospital, Tromso, Norway, <sup>6</sup>Cardiothoracic Surgery, Hadassah Hebrew University Medical Center, Jerusalem, Israel, <sup>7</sup>Cardiovascular Surgery, Washington University, St. Louis, MO, USA, <sup>8</sup>Cardiac and Thoracic Surgery, University of Chicago Medical Center, Chicago, IL, USA, <sup>9</sup>Cardiothoracic Surgery, Cedars-Sinai Medical Center, Los Angeles, CA, <sup>10</sup>Internal Medicine, University of Michigan, Ann Arbor, MI, USA, <sup>11</sup>Cardiothoracic Surgery, University of Pennsylvania School of Medicine, Philadelphia, PA, <sup>12</sup>Cardiology and Aortic Centre, The Royal Brompton & Harefield NHS Trust, London, United Kingdom, <sup>13</sup>Thoracic Aortic Center, Massachusetts General Hospital, Boston, MA, USA, <sup>14</sup>Cardiac Surgery, University of Michigan, Ann Arbor, MI, USA
- 1:30 pm **Malperfusion in Acute Type A Aortic Dissection**  
**David Spielvogel**

*Westchester Medical Center, Valhalla, NY, USA*

- 1:45 pm **Direct Perfusion of the Carotid Artery in Patients with Brain Malperfusion Secondary to Acute Aortic Dissection**  
Yutaka Okita  
*Kobe University, Kobe, Japan*
- 2:00 pm **Visceral Malperfusion in Aortic Dissection**  
Himanshu J. Patel  
*University of Michigan, Ann Arbor, MI, USA*
- 2:15 pm-3:00 pm **COFFEE BREAK**  
**VISIT EXHIBITS AND VIEW PRESENTATIONS ON DEMAND**
- 3:00 pm-4:45 pm **SESSION VIII: DESCENDING & THORACOABDOMINAL**  
Moderators: Nicholas T. Kouchoukos  
David Spielvogel
- 3:00 pm **The Spinal Collateral Circulation Model**  
Christian D. Etz  
*Heart Center Leipzig, Leipzig, Germany*
- 3:15 pm **Fluctuations In Spinal Cord Perfusion Pressure: A Harbinger Of Delayed Neurologic Deficit After Thoracoabdominal Aortic Repair**  
A. L. Estrera, H. K. Sandhu, J. D. Evans, A. Tanaka, S. Atay, K. M. Charlton-Ouw, A. Azizzadeh, C. C. Miler, H. J. Safi  
*Cardiothoracic and Vascular Surgery, UT Health McGovern Medical School, Memorial Hermann Heart and Vascular Institute, Houston, TX, USA*
- 3:30 pm **Branch Graft Patency in Open Thoracoabdominal Aneurysm Surgery**  
Nicholas T. Kouchoukos  
*Missouri Baptist Medical Center, St. Louis, MO, USA*
- 3:45 pm **Reoperative Surgery on the Thoracoabdominal Aorta**  
Joseph S. Coselli  
*Baylor College of Medicine, Houston, TX, USA*
- 4:00 pm **Endovascular Repair of Thoracoabdominal Aortic Aneurysms Using Fenestrated and Branched Endografts**  
Gustavo S. Oderich  
*Mayo Clinic, Rochester, MN, USA*
- 4:15 pm **Open Thoracic Or Thoracoabdominal Aortic Repair After Previous Endovascular Aortic Procedures: 19-year Experience**  
K. Spiliotopoulos, M. Price, B. M. Davis, S. Green, H. S. Amarasekara, O. Preventza, K. I. de la Cruz, S. A. LeMaire, J.S. Corelli  
*Cardiothoracic Surgery, Baylor College of Medicine, Houston, TX, USA*
- 4:30 pm **Long-term Outcomes of Thoracic Endovascular Aortic Repair (TEVAR) for Descending Thoracic Aneurysmal Disease: Pooled Results from Five FDA IDE Studies**  
N. D. Desai<sup>1</sup>, T. Dibble<sup>1</sup>, P. Moeller<sup>1</sup>, O. Blaber<sup>1</sup>, D. Savino<sup>1</sup>, D. Spragan<sup>1</sup>, F. H. McCarthy<sup>1</sup>, P. Vallabhajosyula<sup>1</sup>, R. Fairman<sup>2</sup>, W. Y. Szeto<sup>1</sup>, J. E. Bavaria<sup>1</sup>  
<sup>1</sup>Division of Cardiovascular Surgery, Hospital of the University of Pennsylvania, Philadelphia, PA, USA, <sup>2</sup>Division of Vascular Surgery and Endovascular Therapy, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

*The Plenary Citation abstracts mentioned by the moderator during this session were #6 and #197. To view the full presentations, visit any Presentation on Demand kiosk located in the Empire & Lenox Ballrooms (Exhibit Hall) or on the Mobile Application.*

4:45 pm-5:30 pm **PANEL IV**

5:30 pm **ADJOURN**

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