The Houston Aortic Symposium
Frontiers in Cardiovascular Diseases
The Eleventh in the Series
February 15, 16 & 17, 2018

Wednesday, February 14, 2018

12:00 – 5:00 PM  Nursing Symposium
5:00 – 7:00 PM  Welcome Reception and Registration

Thursday, February 15, 2018

6:45 – 7:45 AM  Continental Breakfast, Registration, and View Exhibits
7:45 – 7:50 AM  Introduction
Hazim J. Safi, MD, and David D. McPherson, MD
7:50 – 8:00 AM  Opening Remarks

SESSION I:  Structural Heart
Moderators:  Raj Makkar, MD, Tom C. Nguyen, MD

8:00 – 8:08 AM  Bioprosthetic Valve Fracture to Facilitate ViV TAVR
Keith Allen, MD
8:09 – 8:17 AM  Prophylactic Closure of the Left Atrial Appendage for Heart
Surgery – Show Me the Data
Randall K. Wolf, MD
8:18 – 8:26 AM  Subclinical Thrombosis of Bioprosthetic Aortic Valves:
Is It Clinically Relevant?
Raj Makkar, MD
8:27 – 8:35 AM  Emerging Mitral Technologies – Where Are We Now?
Michael Mack, MD
8:36 – 8:44 AM  Minimally Invasive Mitral Valve Surgery – Pearls and Pitfalls
Mahesh Ramchandani, MD
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<th>Time</th>
<th>Session</th>
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<tr>
<td>8:45 – 8:53 AM</td>
<td>TAVR in Low and Intermediate Risk Patients – Is it Justified?</td>
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<td><em>Prakash Balan, MD, JD</em></td>
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<td>8:54 – 9:02 AM</td>
<td>Cardioembolic Stroke</td>
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<td><em>Saibal Kar, MD</em></td>
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<td>9:03 – 9:11 AM</td>
<td>Experience with 500 Stentless Aortic Valve Replacements</td>
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<td><em>Dimitrios Iliopoulos, MD</em></td>
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<td>9:12 – 9:20 AM</td>
<td>Minimally Invasive Aortic Valve Replacement with Automated Suturing Technology</td>
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<td><em>Peter Knight, MD</em></td>
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<td>9:21 – 9:29 AM</td>
<td>Paravalvular Leak After TAVR – Advances in Treatment</td>
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<td><em>Pranav Loyalka, MD</em></td>
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<td>9:30 – 9:38 AM</td>
<td>Alternative Access for TAVR</td>
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<td><em>Aamir S. Shah, MD</em></td>
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<td>9:39 – 9:47 AM</td>
<td>Slide Technique for Interrupted Aortic Arch Repair – Bridging the Gap</td>
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<td><em>Jorge D. Salazar, MD</em></td>
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<td>9:48 – 10:00 AM</td>
<td>Panel Discussion</td>
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<td>10:00 – 10:30 AM</td>
<td>Break / View Posters &amp; Exhibits</td>
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**SESSION II:** Ascending Aorta/ Aortic Dissection (Proximal)  
Moderators: *Joseph Bavaria, MD, Aamir S. Shah, MD*

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<th>Time</th>
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<tr>
<td>10:30 – 10:38 AM</td>
<td>Endovascular Ascending Repair: Is This the Next Frontier?</td>
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<td><em>Michael Dake, MD</em></td>
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<td>10:39 – 10:47 AM</td>
<td>Aortic Dissection Uni vs. Bispheric Cerebral Perfusion</td>
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<td><em>Marek Ehrlich, MD</em></td>
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<td>10:48 – 10:56 AM</td>
<td>Immediate Operation for Acute Type A Dissections with Malperfusion</td>
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<td><em>Michael Fischbein, MD, PhD</em></td>
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<td>10:57 – 11:05 AM</td>
<td>The &quot;TEVAR-First&quot; Approach to Type A Aortic Dissection with Malperfusion</td>
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<td><em>Bradley Leshnower, MD</em></td>
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<td>11:06 – 11:14 AM</td>
<td>Bavaria Approach to Type A Dissection</td>
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<td><em>Joseph Bavaria, MD</em></td>
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11:15 – 11:23 AM  
**Aortic Dilation and Dissection in Turner Syndrome: Update on Guidelines and New Evidence**  
*Siddharth Prakash, MD, PhD*

11:24 – 11:50 AM  
**Panel Discussion**

11:50 AM – 12:50 PM  
**Lunch**

**Lunch Lecture:**  
**ECMO**  
*Joseph Zwischenberger, MD*

**SESSION III: Transverse Arch/Carotid**  
Moderators: *Sheila Coogan, MD, RPVI*

1:00 – 1:08 PM  
**Open vs. Endo Arch Reconstruction: Evidence & Anecdote**  
*Jullien Gaer, MS, FRCS (Cth)*

1:09 – 1:17 PM  
**Endovascular Branched Arch Repair**  
*Nimesh Desai, MD, PhD*

1:18 – 1:26 PM  
**Technique and Outcome of Laser Fenestration for Arch Vessels**  
*Jean M. Panneton, MD*

1:27 – 1:35 PM  
**TCD for TCAR**  
*Zsolt Garami, MD, PhD*

1:36 – 1:44 PM  
**Optical Coherence Tomography for CAS**  
*Suhail Dohad, MD, RVT*

1:45 – 1:53 PM  
**CEA vs. CAS: How Can We Make CAS Safer**  
*Wesley S. Moore, MD*

1:54 – 2:02 PM  
**TCAR is the Treatment of Choice for Asymptomatic High Grade Stenosis**  
*Mahmoud Malas, MD, MHS*

2:03 – 2:11 PM  
**CAS is the Treatment of Choice for Asymptomatic High Grade Stenosis**  
*Richard Smalling, MD, PhD*

2:12 – 2:20 PM  
**Initial US Experience with a Double Branch Aortic Arch Device**  
*Luis A. Sanchez, MD*
2:21 – 2:29 PM  The OBL Pandemic – Paradise or Pandora’s Box  
*Stuart Harlin, MD*

2:30 – 3:00 PM  Panel Discussion

3:00 – 3:30 PM  Break / View Posters & Exhibits

**SESSION IV:**  AAA/PAD  
Moderators:  *R. Clement Darling III, MD, Gordon H. Martin, MD*

3:30 – 3:38 PM  Use of EVAR as a Bridge in Mycotic Aortic Aneurysms  
*Fred A. Weaver, MD, MMM*

3:39 – 3:47 PM  Optimal Combinations for Parallel Graft Strategies  
*Murray Shames, MD*

3:48 – 3:56 PM  Does Transfer Increase Mortality for rAAA: A Case for Regionalization  
*R. Clement Darling III, MD*

3:57 – 4:05 PM  FEVAR for Failed EVAR  
*Mark Farber, MD*

4:06 – 4:14 PM  Long-Term Results of Standard EVAR in Angulated Necks  
*Hence Verhagen, MD, PhD*

4:15 – 4:23 PM  Improving Endograft Durability with EndoAnchors  
*William D. Jordan, Jr., MD*

4:24 – 4:32 PM  Aortic Graft Infection  
*Peter Lawrence, MD*

4:33 – 4:41 PM  Management of Endoleaks  
*Murray Shames, MD*

4:42 – 4:50 PM  Validation and Clinical Utility of the SVS WIfI Threatened Limb Classification  
*Joseph Mills, MD*

4:51 – 4:59 PM  Update on BEST CLI Trial  
*Alik Farber, MD*

5:00 – 5:08 PM  The Role for Stent-Graft Therapy for Marfan Syndrome  
*James Black, MD*

5:09 – 5:30 PM  Panel Discussion

5:30 PM  Adjourn
Friday, February 16, 2018

7:00 – 8:00 AM  Continental Breakfast and View Exhibits

SESSION V: Aortic Dissection (Distal)
Moderators: Ali Azizzadeh, MD, Eric Verhoeven, MD, PhD

8:00 – 8:08 AM  TEVAR Isn't Enough for TBAD
Joseph Lombardi, MD

8:09 – 8:17 AM  False Lumen Intervention to Promote Remodeling and Thrombosis: The FLIRT Concept in Selected Cases of Aortic Dissection
Christoph A. Nienaber, MD, PhD

8:18 – 8:26 AM  Endovascular Repair of Chronic TBAD
Eric Verhoeven, MD, PhD

8:27 – 8:35 AM  TEVAR for TBAD: VQI Post-Market Registry
Richard Cambria, MD

8:36 – 8:44 AM  Extended Aortic Repair in Acute Type I AD
Konstantinos Tsagakis, MD

8:45 – 8:53 AM  Update on IRAD
Santi Trimarchi, MD, PhD

8:54 – 9:02 AM  Cerebral Protection in Aortic Dissection
Davide Pacini, MD

9:03 – 9:11 AM  Why We Need a Trial for TBAD
Kristofer Charlton-Ouw, MD

9:12 – 9:20 AM  High Risk Uncomplicated Type B Dissection
Ali Azizzadeh, MD
9:20 – 10:00 AM  Panel Discussion
10:00 – 10:20 AM  Break / View Posters & Exhibits

SESSION VI:  DTAA/TEVAR
Moderators:  Naveed Saqib, MD, Edward Woo, MD

10:20 – 10:28 AM  Open Repair for Chronic Type B Aortic Dissection
  Anthony Estrera, MD
10:29 – 10:37 AM  How to Approach Aortic PAU and IMH
  Edward Woo, MD
10:38 – 10:46 AM  Stroke in TEVAR: The Role of Air Embolism
  Tilo Kölbel, MD, PhD
10:47 – 10:55 AM  Risks for Retrograde Type A Dissection After TEVAR
  Frank Robert Arko, III, MD
10:56 – 11:04 AM  Intimal Disruption: An Uncommon Complication of TEVAR
  Mark Eskandari, MD
11:05 – 11:13 AM  A Novel Filter for Stroke Prevention in TEVAR
  Richard Gibbs, MD, FRCS
11:14 – 11:22 AM  Hybrid TEVAR
  William J. Quinones-Baldrich, MD
11:23 - 11:31 AM  Upper Extremity Access for Complex EVAR/TEVAR
  Ross Milner, MD
11:32 – 11:40 AM  Risk Stratification for TEVAR and Open DTAA
  Akiko Tanaka, MD, PhD
11:41 – 11:45 AM  Panel Discussion

11:45 AM – 12:45 PM  Lunch

Lunch Lecture:
  Sustaining Fulfillment in Work and Life
  Bruce Gewertz, MD
SESSION VII: Genetics/Imaging/Technology
Moderators: Kristofer Charlton-Ouw, MD, Samuel Money, MD

1:00 – 1:08 PM  Tension-Induced Inflammatory Mediators Drive Macrophage Accumulation to Propagate Aortic Remodeling
Jean Marie Ruddy, MD

1:09 – 1:17 PM  Gene Specific Management of Aortic Disease
Dianna M. Milewicz, MD, PhD

1:18 – 1:26 PM  Update on Vascular Ehler-Danlos Syndrome
Sherene Shalhub, MD, MPH

1:27 – 1:35 PM  Update from Aortic Trauma Foundation Registry
Joseph DuBose, MD

1:36 – 1:44 PM  Radiation Safety During Complex Endovascular Procedures
Melissa Kirkwood, MD

1:45 – 1:53 PM  ERAS in Aortic Surgery
John Zaki, MD
Travis H. Markham, MD

1:54 – 2:02 PM  REBOA/Challenges of Starting a City Wide Program
Gerald Fortuna, MD

2:03 – 2:11 PM  Vacuum Assisted Thrombectomy
Naveed Saqib, MD

2:12 – 2:20 PM  The Cost of Being a Surgeon
Samuel Money, MD

2:21 – 2:40 PM  Panel Discussion

2:40 – 3:00 PM  Break / View Posters & Exhibits
SESSION VIII: TAAA
Moderators: Anthony Estrera, MD, Gustavo Oderich, MD

3:00 – 3:08 PM Outcomes of Endovascular TAAA Repair
Gustavo Oderich, MD

3:09 – 3:17 PM Visceral Manifold for TAAA Repair
Patrick Kelly, MD

3:18 – 3:26 PM Sandwich Technique for Complex Aortic Aneurysm:
A Ten-Year Study
Armando Lobato, MD, PhD

3:27 – 3:35 PM Synthetic Coagulation Factors in Thoracic Aortic Surgery
Roy Sheinbaum, MD

3:36 – 3:44 PM Novel Hybrid Approach to Thoracoabdominal Repair
Kenton Rommens, MD, FRCSC

3:45 – 3:53 PM Mitigating Spinal Cord Ischemia in Endovascular
Thoracoabdominal Aneurysm Repair
Adam Beck, MD

3:54 – 4:02 PM Use of Near Infrared Spectroscopy (NIRS) for Monitoring
Spinal Cord Perfusion During Endovascular Repair of
Complex Aortic Aneurysms
Darren Schneider, MD

4:03 – 4:11 PM Intercostal Artery Reattachment
Rana Afifi, MD

4:12 – 4:20 PM SPIDER Graft
Sabine Helena Wipper, MD

4:20 – 4:28 PM Open TAAA Repair
Hazim J. Safi, MD

4:29 – 5:00 PM Panel Discussion

5:00 PM Adjourn
Saturday, February 17, 2018

7:30 – 8:25 AM
Continental Breakfast & Registration

8:25 – 8:30 AM
Opening Remarks

SESSION IX:
ORAL ABSTRACT SESSION
Moderators: Charles C. Miller III, PhD, Eyal E. Porat, MD

8:30 – 8:39 AM
Abstract #66: Aortic Surgery in the Philippines
Marvin Martinez, MD

8:40 – 8:49 AM
Abstract #74: Surgical Treatment of Poststenotic Aneurysms of Ascending Aorta
Volodymyr V. Popov, MD, PhD, DMS

8:50 – 8:59 AM
Abstract #69: Surgical Repair of Ascending Aorta Pseudoaneurysm Due to a Rare Fungal Organism in a Heart Transplant Recipient
Mahmoud Alhussaini, MD

9:00 – 9:09 AM
Abstract #71: Re-Do Aortic Valve Replacement After Previous Homograft Aortic Root Replacement
Jullien Gaer, MS, FRCS (Cth)

9:10 – 9:19 AM
Abstract #73: The AIDA (Abdominal Incision Defect following AAA Surgery) Study: Primary Onlay Mesh Augmentation of the Abdominal After Open AAA Repair Prevents Incisional Hernia
Sebastian Debus, FEBVS

9:20 – 9:29 AM
Abstract #75: Narrow Ostium of Aorta for Aortic Stenoses: Is Posterior Aortoplasty Necessary During Aortic Valve Replacement?
Volodymyr V. Popov, MD, PhD, DMSc

9:30 – 9:39 AM
Abstract #78: Outcomes from the Global Registry for Endovascular Aortic Treatment (GREAT) in Patients Undergoing Thoracic Endovascular Aortic Repair (TEVAR) for Type B Dissection
Bruce L. Tjaden, Jr., MD
9:40 – 9:49 AM  
**Abstract #79: Mycotic Pseudoaneurysms Can Complicate Coarctation of the Aorta and Open Replacement is a Viable Option**  
Mahmoud Alhussaini, MD

9:50 – 9:59 AM  
**Abstract #76: Correction of Narrow Ostium of Aorta During Aortic Valve Replacement: Choice of Surgical Method**  
Volodymyr V. Popov, MD, PhD, DMSc

10:00 – 10:20 AM  
Break/View Posters

10:20 – 10:29 AM  
**Abstract #84: Stented Biological Valve Bentall Procedure for Proximal Aortic Pathology Anticipates Future Surgical or Transcatheter Reintervention**  
Kevin Graham, MD

10:30 – 10:39 AM  
**Abstract #86: Determinants and Outcomes of Nonoperative Management for Blunt Traumatic Aortic Injury**  
Samuel Leonard

10:40 – 10:49 AM  
**Abstract #88: Computational Fluid Dynamics (CFD) in Type B Aortic Dissection**  
Asaf Rabin, MD

10:50 – 10:59 AM  
**Abstract #87: Diagnostic Value of the "Soccer Ball" Morphology in the Marfan Aortic Root**  
Edward Caruana, MD, MRCSEd

11:00 – 11:09 AM  
**Abstract #89: The Top Hat Supra-Annular Aortic Valve: A 22-Year Single-Surgeon Experience**  
Edward Caruana, MD, MRCSEd

11:10 – 11:19 AM  
**Abstract #82: Management of Aortic Infection: Improved Outcomes with a Multidisciplinary Team Approach and In-Situ Reconstruction Using Biological Conduits**  
George Gradinariu, MD

11:20 – 11:30 AM  
Closing Remarks  
Hazim J. Safi, MD, and David D. McPherson, MD