

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

- 8:45 – 8:53 AM **TAVR in Low and Intermediate Risk Patients – Is it Justified?**
Prakash Balan, MD, JD
- 8:54 – 9:02 AM **Cardioembolic Stroke**
Saibal Kar, MD
- 9:03 – 9:11 AM **Experience with 500 Stentless Aortic Valve Replacements**
Dimitrios Iliopoulos, MD
- 9:12 – 9:20 AM **Minimally Invasive Aortic Valve Replacement with Automated Suturing Technology**
Peter Knight, MD
- 9:21 – 9:29 AM **Paravalvular Leak After TAVR – Advances in Treatment**
Pranav Loyalka, MD
- 9:30 – 9:38 AM **Alternative Access for TAVR**
Aamir S. Shah, MD
- 9:39 – 9:47 AM **Slide Technique for Interrupted Aortic Arch Repair – Bridging the Gap**
Jorge D. Salazar, MD
- 9:48 – 10:00 AM **Panel Discussion**
- 10:00 – 10:30 AM **Break / View Posters & Exhibits**
- SESSION II:** **Ascending Aorta/ Aortic Dissection (Proximal)**
Moderators: *Joseph Bavaria, MD, Aamir S. Shah, MD*
- 10:30 – 10:38 AM **Endovascular Ascending Repair: Is This the Next Frontier?**
Michael Dake, MD
- 10:39 – 10:47 AM **Aortic Dissection Uni vs. Bispheric Cerebral Perfusion**
Marek Ehrlich, MD
- 10:48 – 10:56 AM **Immediate Operation for Acute Type A Dissections with Malperfusion**
Michael Fischbein, MD, PhD
- 10:57 – 11:05 AM **The "TEVAR-First" Approach to Type A Aortic Dissection with Malperfusion**
Bradley Leshnowar, MD
- 11:06 – 11:14 AM **Bavaria Approach to Type A Dissection**
Joseph Bavaria, MD

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 – 5:30 PM **Panel Discussion**

5:30 PM **Adjourn**

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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: *James Black, MD, Kristofer Charlton-Ouw, 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 **The Role for Stent-Graft Therapy for Marfans Syndrome**
James Black, MD
- 1:18 – 1:26 PM **Gene Specific Management of Aortic Disease**
Dianna M. Milewicz, MD, PhD
- 1:27 – 1:35 PM **Update on Vascular Ehler-Danlos Syndrome**
Sherene Shalhub, MD, MPH
- 1:36 – 1:44 PM **Update from Aortic Trauma Foundation Registry**
Joseph DuBose, MD
- 1:45 – 1:53 PM **Radiation Safety During Complex Endovascular Procedures**
Melissa Kirkwood, MD
- 1:54 – 2:02 PM **ERAS in Aortic Surgery**
John Zaki, MD
Travis H. Markham, MD
- 2:03 – 2:11 PM **REBOA/Challenges of Starting a City Wide Program**
Gerald Fortuna, MD
- 2:12 – 2:20 PM **Vacuum Assisted Thrombectomy**
Naveed Saqib, MD
- 2:21 – 2:29 PM **The Cost of Being a Surgeon**
Samuel Money, MD
- 2:30 – 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

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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