

**Thursday, March 16, 2023**

7:00 – 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**

*Anthony Estrera, MD, Ali Azizzadeh, MD*

**SESSION I:**

Moderators:

**Structural Heart**

*Danny Ramzy, MD, PhD, Jo Chikwe, MD, FRCSC*

8:00 – 8:08 AM

**STS/ACC/TVT TAVR Dataset**

*Joseph Bavaria, MD*

8:09 – 8:17 AM

**State of the Art TAVR in 2023**

*Abhijeet Dhoble, MD*

8:18 – 8:26 AM

**Mitral Transcatheter Edge to Edge (TEER) or Surgery for P2 Prolapse**

*Jo Chikwe, MD, FRCSC*

8:27 – 8:35 AM

**Robotic Cardiac Surgery: Expanding Indications**

*T. Sloane Guy, MD, MBA*

8:36 – 8:44 AM

**Increased Use of Aortic Bioprosthesis: Valve Degeneration and Long Term Results**

*Dimitrios Iliopoulos, MD*

8:45 – 8:53 AM

**Overview in Training Options in Robotic Cardiac Surgery**

*Evelio Rodriguez, MD*

8:54 – 9:02 AM

**How to Teach Robotic Mitral Surgery**

*Danny Ramzy, MD, PhD*

9:03 – 9:11 AM

**Robotic Totally Endoscopic Coronary Bypass with BITA Grafts**

*Husam Balkhy, MD, FACS*

## The Houston Aortic Symposium

*Frontiers in Cardiovascular Diseases*  
*The Fifteenth in the Series*

March 16, 17 & 18, 2023  
Houston, Texas

9:12 – 9:20 AM	<b>Pulmonary Artery Hypertension: A Silent and Deadly Disease</b> <i>Bindu Akkanti, MD</i>
9:21 – 9:29 AM	<b>Computational Modeling of Aortic Valves</b> <i>Vijay Govindarajan, PhD</i>
9:30 – 10:00 AM	<b>Panel Discussion</b>
10:00 – 10:30 AM	<b>Break / View Exhibits</b>
<b>SESSION II:</b>	<b>Aortic Root/BAV</b>
Moderators:	<i>Joseph Bavaria MD, Akiko Tanaka, MD, PhD</i>
10:30 – 10:38 AM	<b>Valve Sparing Root in BAV</b> <i>Joseph Bavaria, MD</i>
10:39 – 10:47 AM	<b>The Ross Procedure</b> <i>Ismail El-Hamamsy, MD, PhD</i>
10:48 – 10:56 AM	<b>Updates of Y-Incision Aortic Annular Enlargement</b> <i>Bo Yang, MD, PhD</i>
10:57 – 11:05 AM	<b>Extended Law of Laplace Aids in Evaluating Size of the Aortic Root: Implications for Diagnostic Imaging and Intervention</b> <i>Bulat Ziganshin, MD, PhD</i>
11:06 – 11:14 AM	<b>The Endo-Bentall: The Future Is Now</b> <i>Bradley G. Leshnowar, MD</i>
11:15 – 11:23 AM	<b>Redo Aortic Root Surgery</b> <i>Edward Chen, MD</i>
11:24 – 11:32 AM	<b>An Overview of the Latest FDA Thoracic Aortic Devices</b> <i>Ourania Preventza, MD, MBA, FACS</i>
11:33 AM – 12:00 PM	<b>Panel Discussion</b>
12:00 – 1:00 PM	<b>Lunch – La Vista Room, 21<sup>st</sup> Floor</b>
	<b><u>Lunch Lecture:</u></b> <b>John Ritter Foundation for Aortic Health</b> <i>Amy Yasbeck</i>

**SESSION III:**

**Ascending Aorta**

Moderators:

*Himanshu Patel, MD, Holly Smith, MD, MBA, FRCSC*

1:10 – 1:18 PM

**“Non-Size” Indications for Aortic Intervention**

*John Elefteriades, MD*

1:19 – 1:27 PM

**Biomechanical Properties of the Aorta: From the Bench to Clinical Practice**

*Dimitrios Iliopoulos, MD*

1:28 – 1:36 PM

**Uncovered Stents for Type A Dissection - Pros and Cons**

*Maral Ouzounian, MD, PhD*

1:37 – 1:45 PM

**Computational Flow Dynamics to Understand Mechanics of Aortic Disease**

*Himanshu Patel, MD*

1:46 – 1:54 PM

**Rapid Cooling for Circulatory Arrest in Aortic Surgery**

*Holly Smith, MD, MBA, FRCSC*

1:55 – 2:03 PM

**Adverse Outcome in Acute Type A Dissections**

*Marek Ehrlich, MD*

2:04 – 2:12 PM

**History of Aortic Arch Surgery**

*Steven Lansman, MD, PhD*

2:13 – 2:21 PM

**Endovascular Treatment of the Ascending Aorta**

*Aamir Shah, MD*

2:22 – 2:45 PM

**Panel Discussion**

2:45 – 3:15 PM

**Break / View Exhibits**

**SESSION IV:**

**Transverse Arch**

Moderators:

*Maral Ouzounian, MD, PhD, Mark Farber, MD*

3:15 – 3:23 PM

**ARCH-ARC Consensus: Developing Standardized Nomenclature**

*Nimesh Desai, MD, PhD*

3:24 – 3:32 PM

**Cerebral Protection Methods - Where Do We Stand in 2023?**

*Marek Ehrlich, MD*

- 3:33 – 3:41 PM                    **Commercial Hybrid Arch FET Grafts Post FDA Certification:  
Lessons From 12 Years of Experience in Europe**  
*Malakh Shrestha, MBBS, PhD*
- 3:42 – 3:50 PM                    **Do We Really Need Total Arch Frozen Elephant Trunk for Every  
Patient in Acute Type A Aortic Dissection**  
*Bo Yang, MD, PhD*
- 3:51 – 3:59 PM                    **Arch Endovascular Repair: Tips and Tricks**  
*Mark Farber, MD*
- 4:00 – 4:08 PM                    **Update on Use of Inner Branch Stent-Grafts for Aortic Arch Lesions**  
*Carlos Timaran, MD*
- 4:09 – 4:17 PM                    **Endovascular Repair of Aortic Arch Pathology Aortic  
Dual Branch TEVAR Early Feasibility Study in the US**  
*Wilson Szeto, MD*
- 4:18 – 4:26 PM                    **Overcoming Barriers for a Diverse Population in Clinical Trials**  
*Vincent Rowe, MD*
- 4:27 – 4:35 PM                    **AI-Based Aortic Analysis and the Virtual Patient – ViTAA and VAM  
Modeling for the Aortic Clinician**  
*Randy Moore, MD, FACS, FRCSC*
- 4:36 – 4:44 PM                    **Mycotic Aneurysms: Open vs. Endovascular...or the Best of  
Both Worlds?**  
*Morad Sallam, MD, MSc, PhD*
- 4:45 – 4:53 PM                    **Update on In Situ Laser Fenestration of Arch Branches**  
*Jean Panneton, MD, FRCSC*
- 4:54 – 5:15 PM                    **Panel Discussion**
- 5:15 PM                                **Adjourn**

**Friday, March 17, 2023**

6:45 – 7:45 AM

**Breakfast Symposium**

Sponsored by Medtronic

*This satellite symposium is not included in CME hours*

21<sup>st</sup> Floor, La Vista Room

7:00 – 7:50 AM

**Continental Breakfast and View Exhibits**

**SESSION V:**

Moderators:

**The Aorta: Get with the Guidelines**

*Joseph Bavaria, MD, Ourania Preventza, MD, MBA, FACS*

8:00 – 8:08 AM

**Updates on AHA Aortic Guidelines Part 1  
(As It Relates to the Vascular Surgeon)**

*James Black, MD*

8:09 – 8:17 AM

**Updates on AHA Aortic Guidelines Part 2  
(As it Relates to the Cardiac Surgeon)**

*Ourania Preventza, MD, MBA, FACS*

8:18 – 8:26 AM

**Updates on AHA Aortic Guidelines Part 3  
(As it Relates to the Cardiologist Geneticist)**

*Dianna Milewicz, MD, PhD*

8:27 – 9:30 AM

**Round Table**

Moderator: *Joseph Bavaria, MD*

Panel: *James Black, MD*

*Christopher Burke, MD*

*Dianna Milewicz, MD, PhD*

*Gustavo S. Oderich, MD*

*Ourania Preventza, MD, MBA, FACS*

9:30 – 10:00 AM

**Break / View Exhibits**

**SESSION VI:**

Moderators:

**Aortic Dissection**

*Ali Azizzadeh, MD, Karen Kim, MD, MS*

10:00 – 10:08 AM

**Evolution of the Classification System for Aortic Dissection**

*Karen Kim, MD, MS*

## The Houston Aortic Symposium

Frontiers in Cardiovascular Diseases  
The Fifteenth in the Series

March 16, 17 & 18, 2023  
Houston, Texas

- 10:09 – 10:17 AM      **Molecular Triggers of Acute Aortic Dissections: Findings From the Leducq Network of Excellence**  
*Dianna Milewicz, MD, PhD*
- 10:18 – 10:26 AM      **The Value of a Vascular Surgeon to a Health System: Creating the Vascular X-Factor**  
*Joseph Lombardi, MD, MBA*
- 10:27 – 10:35 AM      **Candy Plug to Induce False Lumen Thrombosis after Type B Aortic Dissection**  
*Ali Azzadeh, MD*
- 10:36 – 10:44 AM      **The AMDS Bare Stent Device for Open Repair of Acute DeBakey Type I Aortic Dissection with Malperfusion - The PERSEVERE Trial**  
*Wilson Y. Szeto, MD, FACC*
- 10:45 – 10:53 AM      **Acute and Chronic Aortic Dissection**  
*Davide Pacini, MD*
- 10:54 – 11:02 AM      **Time for a Randomized Trial on Uncomplicated Type B Aortic Dissection is Now: When, How, and Why**  
*Firas Mussa, MD, MS, FACS*
- 11:03 – 11:11 AM      **Branch Vessel Intervention in Aortic Dissection: Timing, Indications, and Impact**  
*Eanas S. Yassa, MD, FACS, RPVI*
- 11:12 – 11:20 AM      **Cerebral Protection for Type A Aortic Dissection Patients**  
*Gabrielle Di Luozzo, MD*
- 11:21 – 11:50 AM      **Panel Discussion**
- 11:50 AM – 12:50 PM      **Lunch – La Vista Room, 21<sup>st</sup> Floor**
- Lunch Tributes**  
                                 **Introduction**  
                                 *Hazim J. Safi, MD*
- Tribute to Dr. Randall B. Griepp**  
                                 *Steven Lansman, MD*
- Tribute to Dr. Hans G. Borst**  
                                 *Malakh Shrestha, MBBS, PhD*

**SESSION VII:**

**AAA/Physiology/Pathology**

Moderators:

*Rana Afifi, MD, and Dianna Milewicz, MD, PhD*

1:00 – 1:08 PM

**EVAR Explant Series**

*Francis Caputo, MD*

1:09 – 1:17 PM

**Sex/Gender Disparities in Outcomes of Aortic Dissection:  
The Houston Experience**

*Rana Afifi, MD*

1:18 – 1:26 PM

**Artificial Intelligence in Predicting Behavior of Aortic Aneurysms**

*Sharon Kiang, MD*

1:27 – 1:35 PM

**The Abdominal Aorta, Iliac, and Splenic Arteries in Vascular  
Ehlers-Danlos Syndrome**

*Sherene Shalhub, MD, MPH*

1:36 – 1:44 PM

**A Multicenter Randomized Clinical Trial of Exercise in Aortic  
Dissection Survivors**

*Siddharth Prakash, MD, PhD*

1:45 – 1:53 PM

**Using a Multifactorial Risk Model to Counsel Patients with  
Aortic Disease**

*Alana Cecchi, MS, CGC*

1:54 – 2:02 PM

**Antiplatelet /Anticoagulation Management after IVC Reconstruction**

*Sophia Khan, MD*

2:03 – 2:11 PM

**Venous Disease in Collagen Vascular Disorders**

*Sheila Coogan, MD, FACS, RPVI*

2:12 – 2:20 PM

**Pioneering Equitable Vascular Care**

*Lyssa Ochoa, MD, FACS, FSVS*

2:21 – 2:40 PM

**Panel Discussion**

2:40 – 3:10 PM

**Break / Visit Exhibits**

**SESSION VIII:**

**DTAA/TAAA**

Moderators:

*Gustavo S. Oderich, MD, Sabine Wipper, MD, PhD*

3:10 – 3:18 PM

**Management of Aortic Coarctation on the Pediatric Population**

*Mario Castro-Medina, MD*

3:19 – 3:27 PM

**Thoracoabdominal Hybrid Repair - From Bench to Bedside**

*Sabine Wipper, MD, PhD*

3:28 – 3:36 PM

**Renal Protection in TAAA: The Barts Experience**

*Aung Oo, FRCSEd(CTh)*

3:37 – 3:45 PM

**The Value of Motor Evoked Potentials in TAAA Repair**

*Michael Jacobs, MD*

3:46 – 3:54 PM

**C-EVAR for Connective Tissue Disorder**

*Gustavo S. Oderich, MD*

3:55 – 4:03 PM

**Tips and Tricks for F/B-EVAR in Post Dissection TAAA**

*Javairiah Fatima, MD, FACS, DFSVS*

4:04 – 4:12 PM

**Endovascular Repair of Complex Aneurysms When Custom  
Manufactured Devices Are Not an Option**

*Aleem Mirza, MD*

4:13 – 4:21 PM

**Spinal Cord Ischemia in the U.S. Aortic Research Consortium**

*Adam Beck, MD*

4:22 – 4:30 PM

**Spinal Cord Protection during TAAA Repair**

*Akiko Tanaka, MD, PhD*

4:31 – 4:39 PM

**Open TAAA: Experience Over 40 Years**

*Hazim J. Safi, MD*

4:39 – 5:00 PM

**Panel Discussion**

5:00 PM

**Adjourn**



**Saturday, March 18, 2023**

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

8:25 – 8:30 AM                      **Opening Remarks**

**SESSION IX:**

Moderator:

**ABSTRACT SESSION**

*Charles C. Miller III, PhD, Akiko Tanaka, MD, PhD, S. Keisin Wang, MD*

8:30 – 10:00 AM                      **Oral Abstract Presentations**

10:00 – 10:30 AM                      **Break**

10:30 – 11:25 AM                      **Oral Abstract Presentations**

11:25 – 11:30 AM                      **Closing Remarks**  
*Hazim J. Safi, MD, and David D. McPherson, MD*