

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

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 – 2:45 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

7:00 – 7:50 AM

Continental Breakfast and View Exhibits

SESSION V:

The Aorta: Get with the Guidelines

Moderators:

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*

Dianna Milewicz, MD, PhD

Gustavo S. Oderich, MD

Ourania Preventza, MD, MBA, FACS

9:30 – 10:00 AM

Break / View Exhibits

SESSION VI:

Aortic Dissection

Moderators:

Ali Azizzadeh, MD, Karen Kim, MD, MS

10:00 – 10:08 AM

Evolution of the Classification System for Aortic Dissection

Karen Kim, MD, MS

10:09 – 10:17 AM

Molecular Triggers of Acute Aortic Dissections: Findings From the Leducq Network of Excellence

Dianna Milewicz, MD, PhD

The Houston Aortic Symposium

Frontiers in Cardiovascular Diseases
The Fifteenth in the Series

March 16, 17 & 18, 2023
Houston, Texas

- 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 Azizzadeh, 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 **Septotomy in Chronic Aortic Dissection**
Matthew Eagleton, MD
- 11:21 – 11:50 AM **Panel Discussion**
- 11:50 AM – 12:50 PM **Lunch**
- Lunch Lecture:**
 John Ritter Foundation for Aortic Health
- 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)

The Houston Aortic Symposium

Frontiers in Cardiovascular Diseases
The Fifteenth in the Series

March 16, 17 & 18, 2023
Houston, Texas

- 3:37 – 3:45 PM **The Value of Motor Evoked Potentials in TAAA Repair**
Michael Jacobs, MD, PhD
- 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**

The Houston Aortic Symposium

Frontiers in Cardiovascular Diseases
The Fifteenth in the Series

March 16, 17 & 18, 2023
Houston, Texas

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