

Thursday, March 6, 2025

7:00 – 8:00 AM **Continental Breakfast, Registration, and View Exhibits**
Consort Foyer

Morning Scientific Sessions | Consort II, 3rd Floor

8:00 – 8:05 AM **Introduction**
Hazim J. Safi, MD, and David D. McPherson, MD

8:05 – 8:10 AM **Opening Remarks**
Anthony Estrera, MD, Ali Azizzadeh, MD

SESSION I: **Structural Heart**
Moderators: *Danny Ramzy, MD, PhD, Michael Mack, MD*

8:10 – 8:18 AM **Aortic Stenosis: The Next 10 Years**
Michael Mack, MD

8:19 – 8:27 AM **TBA**
Vinay Badhwar, MD

8:28 – 8:36 AM **Robotic Multi Vessel Totally Endoscopic Coronary Bypass (TECAB)**
TBA

8:37 – 8:45 AM **Balancing Risks, Costs and Outcomes of Hybrid versus Traditional Cardiac Surgical Approaches**
Evelio Rodriguez, MD

8:46 – 8:54 AM **Transcatheter Options for TR**
Abhijeet Dhoble, MD, MPH

8:55 – 9:03 AM **TEER Explant: A Surgeon's Perspective**
Tom Nguyen, MD

9:04 – 9:12 AM **Robotic MVR in Patients with Severe MAC**
T. Sloane Guy, MD, MBA

The Houston Aortic Symposium

Frontiers in Cardiovascular Diseases
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March 6, 7 & 8, 2025
Houston, Texas

- 9:13 – 9:21 AM **Round 1 Went to TAVR, Now On To Round 2: TAVR Explant vs. TAV-in-TAV**
Karen Kim, MD
- 9:22 – 9:30 AM **Robotic Aortic Valve Replacement Not TAVR Will Be the New Standard?**
Danny Ramzy, MD PhD
- 9:31- 9:39 AM **Should ALL Patients Get a 27 mm or Larger Aortic Valve?**
Bo Yang, MD, PhD
- 9:40 – 10:10 AM **Panel Discussion**
- 10:10 – 10:30 AM **Break / View Exhibits**
Consort I, 3rd Floor
- SESSION II:**
Moderators:
- 10:30 – 10:38 AM **Aortic Root/Ascending Aorta**
Himanshu Patel, MD, Maral Ouzounian, MD
- 10:30 – 10:38 AM **Ross Procedure: Who, When, and Why?**
Maral Ouzounian, MD
- 10:39 – 10:47 AM **Valve-Sparing Aortic Root Replacement**
Edward Chen, MD
- 10:48 – 10:56 AM **The Unexpected Root - Anticipating and Managing Root Complications During Aortic Valve Surgery**
Dawn Hui, MD
- 10:57 – 11:05 AM **Aortic Valve Sparing Procedure: Are the Sinuses Important?**
Davide Pacini, MD
- 11:06 – 11:14 AM **Repair or ROSS - Complex Decision Making in Young BAV Patients with AI**
Nimesh Desai, MD, PhD
- 11:15 – 11:23 AM **Endo-Wheat vs. Endo-Benatall: What and How to Do**
Mehrdad Ghoreishi, MD
- 11:24 – 11:32 AM **Endo-Bentall**
Fernando Fleischman, MD

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11:33 – 11:41 AM **Geometry Beyond Diameter for Risk Assessment of the Ascending Aorta**
Jennifer Chung, MD

11:42 AM – 12:00 PM **Panel Discussion**

12:00 – 1:00 PM **Lunch**
La Vista Room, 21st Floor

Lunch Sponsorship or JRF - TBD

Afternoon Scientific Sessions | Consort II, 3rd Floor

SESSION III:

Moderators:

Transverse Arch

Tomas Martin, MD, Ourania Preventza, MD, MBA

1:10 – 1:18 PM **Branched Endovascular Aortic Arch Repair**
Himanshu Patel, MD

1:19 – 1:27 PM **Hemiarch vs. Zone 2 vs. Total Arch Reconstruction**
Tomas Martin, MD

1:28 – 1:36 PM **Options and Pitfalls for Reconstructing the Aortic Arch: Open, Hybrid or Extra Anatomic**
R. Clement Darling, MD

1:37 – 1:45 PM **Shaggy Aorta Cerebral Protection**
Thomas Brett Reece, MD, MBA

1:46 – 1:54 PM **Connective Device for Supra Aortic Vessel Anastomoses**
Malakh Shrestha, MBBS, PhD

1:55 – 2:03 PM **Redo Total Arch Frozen Elephant Trunk (TARFET): How I Do It**
Elaine Tseng, MD

2:04 – 2:12 PM **Total Arch with FET: Pros and Cons**
Pedro Catarino, MD

2:13 – 2:21 PM **Stroke Prevention Related to Endovascular Arch Repair**
Grace Wang, MD

2:22 – 2:30 PM **Early Diagnosis of HTAD Through AI-Powered Facial Analysis: Results from the Montalcino Aortic Consortium**
David Murdock, MD

Thursday, March 6, 2025

2:31 – 2:55 PM

Panel Discussion

2:55 – 3:15 PM

Break / View Exhibits
Consort I

SESSION IV:

**The Harper Session:
Diagnosis/Innovation/Collaboration**

Moderators:

Rana Afifi, MD, Charles C Miller III, PhD

3:15 – 3:20 PM

Session Introduction
Charles C. Miller III, PhD

3:20 – 3:28 PM

**Establishing Centers of Excellence for Complex Aortic Disease:
Key Strategies and Requirements**
Rana Afifi, MD

3:29 – 3:37 PM

Aortic Outcomes During Surveillance: The Watchful Waiting Study
Siddharth Prakash, MD, PhD

3:38 – 3:46 PM

**Discovery of Novel HTAD Genes Using Machine Learning and
Biobank Data**
David Murdock, MD

3:47 – 3:55 PM

**Genetic Counseling and Risk Assessment for Families with Negative
Genetic Testing**
Alana Cecchi, MS, CGC

3:56 – 4:04 PM

AAA Rupture Prediction Using ViTAA Imaging Technology
Randy Moore, MD

4:05 – 4:13 PM

Biomechanical Evaluation between TAVR and SAVR
Vijay Govindarajan, PhD

4:14 – 4:22 PM

Key to Aortic Surgery- Working Together Vascular and Cardiac
Fernando Fleischman, MD

4:23 – 4:31 PM

**Streamlining Vascular Care Through AI: Early Detection, Personalized
Treatment, and Monitoring**
Uwe Fischer, MD

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4:32 – 4:40 PM

Exercise after Aortic Dissection: Perspectives From a Clinical Trial

Siddharth Prakash, MD, PhD

4:41 – 5:05 PM

Panel Discussion

5:05 PM

Adjourn

Friday, March 7, 2025

6:45 – 7:45 AM **Breakfast Symposium**
21st Floor, La Vista Room

TBD

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

Morning Scientific Sessions | Consort II, 3rd Floor

8:00 – 8:10 AM **Opening Remarks**
Anthony Estrera, MD, Ali Azizzadeh, MD

SESSION V: **TAAA**
Moderators: *Hazim J. Safi, MD, Anthony Estrera, MD, Joseph Coselli, MD*

8:10 – 8:18 AM **Lessons Learned in 3800 Open TAAA Repair**
Joseph Coselli, MD

8:19 – 8:27 AM **Device Selection in Endovascular Repair of Complex Abdominal and Thoracoabdominal Aortic Aneurysm**
Bernardo Mendes, MD

8:28 – 8:36 AM **Thoracoflo Hybrid Repair for TAAA - First Experience in Europe**
Sabine Helena Wipper, MD

8:37 – 8:45 AM **Early Experience and Lessons Learned with the TAMBE After FDA Approval**
Luis Sanchez, MD

8:46 – 8:54 AM **Implementation of Neuromonitoring in TAAA**
Akiko Tanaka, MD, PhD

8:55 – 9:03 AM **In Situ Fenestrations Guided by IOPS**
Animesh Rathore, MBBS

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- 9:04 – 9:12 AM **The Role of Direct Segmental Revascularization to Reduce SCI During Endo TAAA Repairs**
Sukgu Han MD
- 9:13 – 9:21 AM **Advantages of Patient Specific as Opposed to Off the Shelf Devices for TAAAs**
Gustavo Oderich, MD
- 9:22 – 9:30 AM **Role of Open Thoracoabdominal Aneurysm Repair in 2024**
Hazim Safi, MD
- 9:31 – 10:00 AM **Panel Discussion**
- 10:00 – 10:30 AM **Break / View Exhibits**
Consort I, 3rd Floor
- SESSION VI:**
Moderators:
- 10:30 – 10:38 AM **DTAA**
Joseph DuBose, MD, Ourania Preventza, MD, MBA
- 10:30 – 10:38 AM **Quo Vadis for Management TEVAR in Syndromic (HTAD) Conditions: A Huge Knowledge Gap, Where's the Data Headed?**
Joseph Bavaria, MD
- 10:39 – 10:47 AM **Aging of the Aortic Wall and Aneurysm Formation**
Dimitrios Iliopoulos, MD
- 10:48 – 10:56 AM **European and American Aortic Guidelines are Available: Still Work Needs to be Done**
Ourania Preventza, MD, MBA
- 10:57 – 11:05 AM **Blunt Thoracic Aortic Injury: Update on Data and Research Initiatives of the Aortic Trauma Foundation**
Joseph DuBose, MD
- 11:06 – 11:14 AM **Role of Open or Hybrid to Facilitate Endovascular Complex Repair**
Naveed Saqib, MD
- 11:15 – 11:23 AM **Second Stage Interventions Post FET for TAAA**
Michael Moon, MD
- 11:24 – 11:32 AM **TBE in Acute Aortic Pathology**
Steven Maximus, MD

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11:33 AM – 12:00 PM **Panel Discussion**

12:00 – 1:00 PM **Lunch**
La Vista Room, 21st Floor

Afternoon Scientific Sessions | Consort II, 3rd Floor

SESSION VII: Acute Aortic Syndromes (Proximal)

Moderators: *Steven Lansman, MD, PhD, Akiko Tanaka, MD, PhD,*

1:10 – 1:18 PM **Contrast Attenuation in Aortic Dissections - Can it Predict Outcomes?**
Matthew Eagleton, MD

1:19 – 1:27 PM **Understanding Blood Flow in Aortic Dissection**
Himanshu Patel, MD

1:28 – 1:36 PM **Outcomes of Acute Type A Dissection in a Tertiary Center**
Marek Ehrlich, MD

1:37 – 1:45 PM **Redo Proximal Aortic (and Arch) Surgery after Index Type A Repair: Concepts, Results, and Impact on Branched Arch Applications**
Joseph Bavaria, MD

1:46 – 1:54 PM **Endovascular Repair of Aortic Arch Aneurysms and Dissections**
Bradley S. Taylor, MD, MPH

1:55 – 2:03 PM **Aortic Arch and Root Replacement in Acute Type A Aortic Dissection Are Overrated; Tear-Oriented Approach Should be the Gold Standard**
Akiko Tanaka, MD, PhD

2:04 – 2:12 PM **Type A IMH: A Tale of Two Continents or Just One World?**
Ibrahim Sultan, MD

2:13 – 2:45 PM **Panel Discussion**

2:45 – 3:15 PM **Break / Visit Exhibits**
Consort I

SESSION VIII: Acute Aortic Syndrome (Distal)

Moderators: *Joseph Bavaria, MD, Ali Azizzadeh, MD*

- 3:16 – 3:24 PM **The Use of 4D Flow MRI and Computational Fluid Dynamics to Predict False Lumen Degeneration in Aortic Dissection**
Bradley Leshnower, MD
- 3:25 – 3:33 PM **STABILISE TEVAR Technique for Type B Aortic Dissections: Short and Midterm Outcomes**
Joshua Goldberg, MD
- 3:34 – 3:42 PM **The Need for Distilling High Risk Features in Managing TBAD**
Joseph Lombardi, MD
- 3:43 – 3:51 PM **The Frozen Elephant Trunk in Genetic Aortopathies: What are the Outcomes?**
Sherene Shalhub, MD, MBA
- 3:52 – 4:00 PM **FB-EVAR for Chronic Dissections: Pitfalls, Outcomes and Limitations**
Darren Schneider, MD
- 4:01 – 4:09 PM **Endovascular Approach to Post-Dissection Thoracoabdominal Aortic Aneurysms**
Javairah Fatima, MD
- 4:10 – 4:18 PM **The Impact of High-Risk Features in Patients with Type B Aortic Dissection**
Ali Azizzadeh, MD
- 4:19 – 4:27 PM **Managing Visceral and Limb Perfusion During Acute Type A Aortic Dissection**
Bo Yang, MD, PhD
- 4:28 – 4:36 PM **The (Unpredictable) Risk of Type B Dissection in Marfan Syndrome**
Napoor Narula MD
- 4:37 – 4:45 PM **Cerebral Protection Strategies in Aortic Arch Surgery: Unraveling the New American and European Guidelines**
George Arnaoutakis, MD
- 4:46 – 5:10 PM **Panel Discussion**
- 5:10 PM **Adjourn**

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Saturday, March 8, 2025

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

Abstract Sessions | Consort II, 3rd Floor

SESSION IX:

Moderators:

ABSTRACT SESSION

Charles C. Miller III, PhD, Harleen Sandhu, MD, MPH, Joshua Grimm, MD

8:25 – 8:30 AM **Welcome**
Charles C. Miller III, PhD

8:30 – 9:45 AM **Abstract Presentations**

9:45 – 10:00 AM **Break**

10:00 – 11:25 AM **Abstract Presentations**

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