

The Houston Aortic Symposium

Frontiers in Cardiovascular Diseases: The Sixteenth in the Series

March 21, 22 & 23, 2024

Thursday, March 21, 2024

SESSION I: Structural Heart

Moderators: Danny Ramzy, MD, PhD, Michael Mack, MD

Role of Surgery in Aortic Stenosis

Michael Mack, MD

Best Surgical Procedure for Treatment of AS for Lifelong Management

Elbert Williams, MD

Robotic AVR: The Anterior Approach

Husam Balkhy, MD, FACS, FACC

Use of Aortic Wall for Autologous Aortic Valve Leaflet Replacement

J. Scott Rankin, MD

State-of-the-Art TAVR in 2024

Abhijeet Dhoble, MD, MPH

The Importance of Form and Function: Surgery vs. Transcatheter Mitral Valve Repair

Tom Nguyen, MD

Robotic Mitral Valve Repair: Where Were We and Where Are We Now?

T. Sloane Guy, MD, MBA

Computational Prediction of Heart Valve Dynamics to Aid Diagnosis and Cardiac Interventions: Are We There Yet?

Vijay Govindarajan, PhD

Management of Tricuspid Regurgitation

Michael Mack, MD

SESSION II: Aortic Root/BAV

Moderators: Dianna M. Milewicz, MD, PhD, Himanshu Patel, MD

How I Do It Video: David Procedure After Ross

Edward P. Chen, MD, FACS, FAHA

Molecular Mechanisms Driving Aortic Dissections

Dianna M. Milewicz, MD, PhD

Complex Aortic Root Endocarditis

Tomas Martin, MD

Aortic Root Geometry Following Composite Valve Graft Implantation

Marek Ehrlich, MD

The New STS Aortic Risk Model

Nimesh Desai, MD, PhD

Clinical Implication of Blood Flow in the Aorta

Himanshu Patel, MD

Challenging Cases in Aortic Root Replacement

Dimitrios Iliopoulos, MD

Ascending Thoracic Aortic Aneurysm Biomechanics and Future Implications

Elaine Tseng, MD