

Second Annual UPMC Heart Valve Symposium

Saturday, April 29, 2023 - 7:30 a.m. to 2 p.m. EST



UPMC | HEART AND
VASCULAR INSTITUTE



**The Society
of Thoracic
Surgeons**

Second Annual UPMC Heart Valve Symposium

7:30 a.m. to 2 p.m. EST

Interactive Didactic Sessions and Moderated Recorded Live Case Discussions

Course Directors:

Ibrahim Sultan, MD

Associate Professor of Cardiothoracic Surgery
Surgical Director, UPMC Center for Heart Valve Disease
Director, UPMC Center for Thoracic Aortic Disease
UPMC Heart and Vascular Institute

A.J. Conrad Smith, MD

Associate Professor of Medicine
Associate Chief, Diversity, Equity, and Inclusion, Division of Cardiology
Medical Director, UPMC Center for Heart Valve Disease
Director, Cardiac Catheterization Laboratory, UPMC Presbyterian
UPMC Heart and Vascular Institute

Hemal Gada, MD

President, Heart and Vascular Institute, UPMC Central PA
Medical Director, Structural Heart Program
UPMC Central PA
UPMC Heart and Vascular Institute

Welcome and Introduction:

The UPMC Heart Valve Symposium will provide an immersive and interactive experience into one of the most rapidly advancing and exciting spaces in cardiovascular medicine and surgery — heart valve disease. Experts from the UPMC Heart and Vascular Institute will explore the continuum of structural heart disease from diagnosis, to work-up, to intervention, with a focus on the lifelong management of heart valve disease. Interactive didactic, panel discussions, and moderated broadcast of two recorded live structural heart cases will provide a deep dive into the latest advancements and best-practice management strategies, including the cutting-edge of transcatheter heart valve repair and replacement, minimally invasive and robotic-assisted valve surgery, and advanced imaging techniques. This course will also look to what the future has in store — novel technologies, therapies, and clinical trials. All members of the multi-disciplinary heart team, current and future, are invited to join us as we do a deep dive into heart valve disease!

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Learning Objectives:

The UPMC Heart Valve Symposium intends to fulfill the following learning objectives:

- Increase understanding of screening, diagnosis, and treatment of valvular heart disease in various patient populations.
- Understand advanced modalities to image heart valves.
- Increase knowledge of medical therapies and transcatheter and/or surgical interventions for treatment of valvular heart disease, and the risks and benefits of the different therapeutic options.
- Enhance understanding of importance of the multi-disciplinary heart team approach to treatment of structural heart disease.
- Recognize impact of social determinants of health on heart valve outcomes.
- Conduct a deep dive into technical aspects of transcatheter and surgical interventions to manage aortic, mitral, tricuspid, and pulmonic heart valve disease.
- Explore landmark, recent, and upcoming clinical trials, and their impact on heart valve disease.
- Explore complex and challenging cases in structural heart disease patients and tactics and techniques for management.

Audience:

The UPMC Heart Valve Symposium is designed for primary care and family medicine practitioners, internists, non-invasive cardiologists, interventional cardiologists, anesthesiologists, cardiac surgeons, advanced practice providers, nurses, research, administration, quality and data professionals, medical students, residents, and fellows and all other members of the heart team.

Program Agenda:

7:30 to 8 a.m. **Virtual Registration**

8 to 8:05 a.m. **Welcome**
Ibrahim Sultan, MD

Section I: **Aortic Valve Disease**

Moderated by:
Conrad Smith, MD

8:05 to 8:15 a.m. **TAVR in the Low-Risk Patient Population: Are We There Yet?**
Dustin Kliner, MD

8:15 to 8:25 a.m. **Valve Selection in TAVR: How Do I Decide?**
Amber Makani, MD



- 8:25 to 8:35 a.m.** **Percutaneous Coronary Interventions with TAVR: Tips and Tricks**
Catalin Toma, MD
- 8:35 to 8:45 a.m.** **Surgical Aortic Valve Replacement: What Does the Future Look Like?**
Ibrahim Sultan, MD
- 8:45 to 8:55 a.m.** **Hypertrophic Obstructive Cardiomyopathy: State of the Art**
Timothy C. Wong, MD
- 8:55 to 9:05 a.m.** **Aortic Valve Repair: When to Do It?**
Derek Serna-Gallegos, MD
- 9:05 to 9:15 a.m.** **From the Bench to the Bedside: Novel Druggable Target Driving in Aortic Stenosis**
Cynthia St. Hilaire, PhD
- 9:15 to 9:30 a.m.** **Panel Discussion**
- 9:30 to 9:50 a.m.** **Moderated Live Case Recording Panel:
UPMC Presbyterian Shadyside**
Hemal Gada, MD, MBA; Dustin Kliner, MD; Amber Makani, MD; Ibrahim Sultan, MD; Catalin Toma, MD
- 9:50 to 9:55 a.m.** **Break**

Section II: Mitral and Tricuspid Valve Disease

- Moderated by:
Hemal Gada, MD
- 9:55 to 10:05 a.m.** **Transcatheter Mitral Edge-to-Edge Repair in Low-Risk Patients: What Are the Goal Posts?**
Conrad Smith, MD
- 10:05 to 10:15 a.m.** **Thinking Beyond the Clip: The Role of Transcatheter Mitral Valve Replacement**
Jeffrey Fowler, DO
- 10:15 to 10:25 a.m.** **Heart Failure Management in Heart Valve Disease: Does It Work?**
Jennifer Kliner, CRNP
- 10:25 to 10:35 a.m.** **Percutaneous Tricuspid Valve Repair: Making It a Reality**
Matthew Suffoletto, MD
- 10:35 to 10:45 a.m.** **Transcatheter Tricuspid Valve Replacement: The New TAVR!**
Hemal Gada, MD, MBA



- 10:45 to 10:55 a.m.** **Concomitant MAZE and LAA Ligation During Heart Valve Surgery: Do Not Forget About Afib!**
Danny Chu, MD
- 10:55 to 11:05 a.m.** **Embracing the Robot for Mitral Valve Surgery**
Johannes Bonatti, MD
- 11:05 to 11:15 a.m.** **Endocarditis with IV Drug Use: We Need to Talk About It!**
Pyongsoo Yoon, MD
- 11:15 to 11:30 a.m.** **Panel Discussion**
- 11:30 to 11:50 a.m.** **Moderated Live Case Recording Panel:
UPMC Harrisburg**
Hemal Gada, MD, MBA; Sandeep Jain, MD; Dustin Kliner, MD; Amber Makani, MD; Matthew Suffoletto, MD
- 11:50 to noon** **Break**
- Section III:** **Heart Valve Disease: What Does the Future Look Like?**
Moderated by:
Ibrahim Sultan, MD
- Noon to 12:10 p.m.** **Moderate Aortic Stenosis: What Are We Waiting For?**
Joshua Levenson, MD
- 12:10 to 12:20 p.m.** **Heart Valve Disease in Pregnancy**
Agnes Koczo, MD
- 12:20 to 12:30 p.m.** **Referral for Heart Valve Disease Interventions? Do We Need to Lower the Threshold?**
William Katz, MD
- 12:30 to 12:40 p.m.** **Transcatheter Pulmonary Valve Replacement in Adults with Congenital Heart Disease**
Bryan H. Goldstein, MD
- 12:40 to 12:55 p.m.** **Keynote Lecture: Women Who Paved the Way to Congenital Cardiology Today**
Jacqueline Kreutzer, MD
- 12:55 to 1:05 p.m.** **Percutaneous Left Atrial Appendage Occlusion: What Have We Learned Over the Past Decade?**
Samir F. Saba, MD
- 1:05 to 1:15 p.m.** **Maintaining Excellence in Heart Valve Therapies – Role of the Heart Team**
Katie Fatigante, PA-C

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- 1:15 to 1:25 p.m.** **Anesthesia Considerations for Transcatheter and Surgical Heart Valve Interventions**
Kathirvel Subramanian, MD
- 1:25 to 1:40 p.m.** **What Upcoming Clinical Trials Will Be Game Changing for Heart Valve Disease**
Paul Mahoney, MD
- 1:40 to 2 p.m.** **Panel Discussion**
- 2 p.m.** **Adjournment**
Ibrahim Sultan, MD
- 2:30 to 4:30 p.m.** **Virtual Technology Exhibits (non-ACCME programming)**
- 6 to 10 p.m.** **HVS 2023 Program and Faculty Dinner**
Eddie V's Prime Seafood

Course Director Faculty:

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Director, UPMC Center for Thoracic Aortic Disease
Surgical Director, UPMC Center for Heart Valve Disease
UPMC Heart and Vascular Institute

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Danny Chu, MD

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Assistant Professor of Medicine
Director, Interventional Cardiology

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Hemal Gada, MD: Grant/Research Support: Abbott
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Hemal Gada, MD: Consultant: Abbott
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Hemal Gada, MD: Speaker's Bureau: Abbott
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Endorsed by:



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