



UPMC Heart Valve Symposium

Saturday, May 7, 2022

7:30am-2:30pm

Virtual Live Talks and Discussion via Zoom

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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, challenging cases, and panel discussions 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!

Learning Objectives:

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

- Increase understanding of screening, diagnosis, and treatment of aortic, mitral, and tricuspid valvular heart disease in various patient populations.
- Understand advanced modalities to image aortic, mitral, and tricuspid 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 structural heart disease outcomes.
- Conduct a deep dive into technical aspects of transcatheter and surgical interventions to manage aortic, mitral, and tricuspid 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:

7:30-8:00am: Virtual Registration

8:00-8:05am: Welcome
Ibrahim Sultan, MD

Section I: Aortic Valve Disease: Moderated by Conrad Smith, MD

8:05-8:20am: TAVR in the low-risk patient population – Are we there yet?
Dustin Kliner, MD

8:20-8:35am: Role of advanced imaging in heart valve disease
Joshua Levenson, MD

8:35-8:50am: Valve selection in TAVR – How do I decide?
Hemal Gada, MD

8:50-9:05am: Percutaneous coronary interventions with TAVR – Tips and Tricks
Catalin Toma, MD

9:05-9:20am: The challenging TAVR: Approach and Considerations
Amit Vora, MD

9:20-9:35am: Surgical Aortic Valve Replacement – What does the future look like?
Ibrahim Sultan, MD

9:35-9:50am: Panel Discussion
Moderators: Hani Alkhatib, MD; Lydia Davis, MD; George Jabbour, MD; David West, MD

9:50-10:05am: Break

Section II: Mitral & Tricuspid Valve Disease: Moderated by Hemal Gada, MD

10:05-10:20am: Transcatheter mitral edge to edge repair in Low-Risk Patients: What are the goal posts?
Conrad Smith, MD

10:20-10:35am: Thinking beyond the clip – Strategies for percutaneous mitral valve replacement
Saurabh Sanon, MD

10:35-10:50am: Heart failure management in functional mitral regurgitation
Jennifer Kliner, CRNP

10:50-11:05am: Percutaneous Tricuspid valve repair – Making it a reality
Jeffrey Fowler, DO

11:05-11:20:am: Challenging Case Deep Dive: Mitral/Tricuspid
Amber Makani, MD

11:20-11:35am: Embracing the robot for mitral valve surgery
Johannes Bonatti, MD

11:35-11:50am: Valve repair and replacement for Endocarditis: When and how?
Pyongsoo Yoon, MD

11:50-12:05pm: Panel Discussion
Moderators: Bill Katz, MD; Elif Sade, MD; Mike Lazar, MD; Forozan Navid, MD

12:05-12:20pm: Break

Section III: Structural Heart Disease – What does the future look like?: Moderated by Ibrahim Sultan, MD

12:20-12:35pm: When is the heart too far gone for valve intervention? Role of mechanical circulatory support
David J. Kaczorowski, MD

12:35-12:50pm: State of the Art: Update on Heart Valve Guidelines
Danny Chu, MD

- 12:50-1:05pm:** **Mechanical circulatory support during structural interventions: What is my algorithm?**
Robert Maholic, DO
- 1:05-1:20pm:** **Referral for heart valve disease interventions? Do we need to lower the threshold?**
Matt Suffoletto, MD
- 1:20-1:35pm:** **Transcatheter pulmonary valve replacement in adults with congenital heart disease**
Bryan Goldstein, MD
- 1:35-1:50pm:** **Maintaining Excellence in heart valve therapies – Role of the Heart team**
Lisa Henry, DNP, CRNP, FACC
- 1:50-2:05pm:** **What upcoming clinical trials will be game changing for heart valve disease?**
Hemal Gada, MD
- 2:05-2:30pm:** **Panel Discussion**
Moderators: Francis D. Ferdinand, MD; Beth Piccione, MD; Suresh Mulukutla, MD; Derek Serna-Gallegos, MD
- 2:30pm:** **Adjournment**

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