

Agenda

Thursday, February 22, 2024

All times in Eastern Time

7:00 am **Registration & Breakfast**

7:45 am **Welcome & Introductions**

Hani Najm, MD

Bradley Marino, MD

8:00 am **Patient Experience**

Session 1 - Congenital Heart Valve Challenges and Management: Setting the Stage

Moderators – Tara Karamlou, MD, and Bradley Marino, MD

8:15 am **Congenital heart valve challenges in the 21st Century**

Hani Najm, MD

8:30 am **Valve replacement options and outcomes in children**

Justin Tretter, MD

8:45 am **The chicken or egg? The interplay between valve dysfunction and ventricular dysfunction**

Shahnawaz Amdani, MD

9:00 am **Decision-making: challenges when managing congenital heart valve disease**

Yiu-fai (Ringo) Cheung, MD

9:15 am **Perioperative management of valve dysfunction**

Catherine Allan, MD

9:30 am **Management strategies for a life-long disease**

Joanna Ghobrial, MD

9:45 am **Pediatric Heart Valve Consortium: identifying unmet needs and moving forward as a field**

Pedro del Nido, MD

10:00 am **Panel Discussion**

All session faculty

10:25 am **Break**

Session 2 - Utilizing Advanced Imaging in Guiding Surgical Decision-making

Moderator – Francine Erenberg, MD

10:45 am **Case Presentation**

10:50 am **Personalized surgical planning for aortic valve-sparing operations**

Justin Tretter, MD

11:08 am **3D printing and advanced visualization for surgical planning**

Nicholas Szugye, MD

11:26 am **Advanced pre-op TTE in congenital valve surgery**

Rukmini Komarlu, MD

11:44 am **Advanced peri-op TTE in congenital valve surgery**
Nelson Burbano-Vera, MD

12:02 pm **Patient-specific benchtop and computational modeling in guiding repair or replacement options**
Debkalpa Goswami, PhD

12:20 pm **Panel Discussion**
All session faculty

12:45 pm **Lunch with keynote presentation**

Session 3 - Critical Aortic Stenosis: Challenges and Innovative Solutions from the Fetus to the Adult
Moderators – Emile Bacha, MD, and Justin Tretter, MD

1:40 pm **Case Presentation**

1:45 pm **Fetal diagnosis and intervention**

2:00 pm **Postnatal cath interventions**
Patcharapong (Petch) Suntharos, MD

2:15 pm **Surgical intervention for Critical AS**
Christian Brizard, MD

2:30 pm **Ross procedure: a solution or start of problems?**
Osami Honjo, MD, PhD

2:45 pm **Role of SAVR and TAVR in congenital AS**

3:00 pm **Konno Rastan aortoventriculoplasty**
Hani Najm, MD

3:15 pm **Long-term outcomes after aortic valve surgery**
Bradley Marino, MD

3:30 pm **Panel Discussion**
All session faculty

3:55 pm **Break**

Session 4: Common Atrioventricular Valve: Challenges and Innovative Solutions
Moderator - Anthony Rossi, MD

4:15 pm **Case Presentation**
Daniel Schwab, MD

4:20 pm **Anatomy of the common AV valve**
Diane Spicer, BS, PA

4:35 pm **Decision tree for unbalanced AVSD**
Shelby Kutty, MD, PhD

4:50 pm **What big data in common AVV surgical outcome tells us?**
Tara Karamlou, MD

5:05 pm **Repair CAVV in single ventricle**
Pedro del Nido, MD

5:25 pm **The common valve septation in heterotaxy; The ventricular switch**
Hani Najm, MD

5:40 pm **Panel Discussion**
All session faculty

5:55 pm **Jeopardy Session**

6:35 pm **Adjourn**

Friday, February 23, 2024

All times in Eastern Time

7:15 am **Breakfast & Registration**

7:55 am **Welcome & Introductions**

Session 5: Aortic and Neo-Aortic Valve Disease: Challenges and Innovative Solutions for the Older Child and Adult

Moderators – Gul Dadlani, MD and Jim Quintessenza, MD

8:00 am **Case Presentation**
Brooke Prince, MD

8:05 am **Anatomy of the aortic and neo-aortic valve**
Justin Tretter, MD

8:20 am **Timing of intervention of aortic valve/root disease**
Shelby Kutty, MD, PhD

8:35 am **Bicuspid AV and Trileaflet repair**
Hani Najm, MD

9:00 am **Should all VSDs with aortic valve leaflet be closed?**
Yiu-fai (Ringo) Cheung, MD

9:15 am **Repair and reconstruction of truncal valve**
Emile Bacha, MD

9:30 am **Current outcomes of neocuspidization**
Tara Karamlou, MD

9:45 am **Panel Discussion**
All session faculty

10:10 am **Break**

Session 6: Mitral Valve: Challenges and Innovative Solutions for the Older Child and Adult

Moderators - Catherine Allan, MD, and Hani Najm, MD

10:30 am **Case Presentation**
Ashlee Christmas, DO

10:35 am **Anatomy of the mitral valve**
Diane Spicer, BS, PA

10:50 am **Mitral valve intervention, pulmonary hypertension, and survival in Shone's Syndrome**
Tara Karamlou, MD

11:05 am **Presentation, diagnosis and timing of intervention for mitral valve disease**
Bradley Marino, MD

11:20 am **Repair of MV in neonates, infants, and children**
Christian Brizard, MD

11:35 am **Panel discussion**
All session faculty

12:00 pm **Lunch**

Session 7: Tricuspid Valve: Challenges and Innovative Solutions for Children and Young Adults

Moderator - Thomas Forbes, MD, and Tara Karamlou, MD

1:00 pm **Case Presentation**
Brendan Burke, DO

1:05 pm **Ebstein TV, presentation and diagnosis**
Chandrakant R. Patel, MD

1:20 pm **ICU management of neonatal Ebstein**
Catherine Allan, MD

1:35 pm **Neonatal Ebstein surgical strategy**
Emile Bacha, MD

1:50 pm **Repair of Ebstein TV and non Ebstein TV in children and young adults**
José da Silva, MD

2:15 pm **Panel discussion**
All session faculty

2:40 pm **Break**

Breakout Sessions - 3:00 – 5:00 pm

1 – Echocardiography Workshop

Chairs- Francine Erenberg, MD, and Rukmini Komarlu, MD

2 – Hands-on Surgical Training

- Each participant will receive a custom silicone heart for this session.
- Participants must attend with an assistant (ideally, a senior surgeon, surgical colleague or surgical PA). The assistant must be registered for the course.

Chairs – Hani Najm, MD, and Justin Tretter, MD

3 – Advanced Cardiac Imaging Workshop

Chairs – Nicholas Szugye, MD, and Justin Tretter, MD

5:00 pm **Adjourn**

7:00 pm **Depart for Evening Social at EPCOT®**
Please note – admission to the reception does not include access to theme park attractions. A separate park ticket is required to access rides and attractions.

Saturday, February 24, 2024
All times in Eastern Time

7:15 am **Breakfast & Registration**

7:55 am **Welcome & Introductions**

Session 8: Management of Valvular Heart Disease and the Conduction System

Moderators – Rukmini Komarlu, MD, and Akash Patel, MD

8:00 am **Anatomy of the conduction system**
Diane Spicer, BS, PA

8:15 am **Clinical imaging in predicting the conduction axis**
Justin Tretter, MD

8:30 am **Intraoperative mapping**
Iqbal El Assaad, MD

8:45 am **Lessons learned: How I avoid pacemakers**

9:00 am **Long-term outcomes of the conduction system after valvular surgery**
Akash Patel, MD

9:15 am **Leadless Pacemakers**
Thomas Callahan, MD

9:30 am **Panel Discussion**

9:55 am **Break**

Session 9: Debate and Discussion

Moderators – Bradley Marino, MD, and Hani Najm, MD

10:15 am **Ross vs. Ozaki - Pro/Con**
Hani Najm, MD - Ozaki
Ismail El-Hamamsy, MD, PhD - Ross

10:50 am **Panel discussion**

11:00 am **Early repair vs. watchful waiting in valve disease**

11:35 am **Panel discussion**

11:50 am **Closing Remarks**

12:00 pm **Adjourn**