

# Bridging Exercise Science into Clinical Practice: Emerging Importance in Pediatric Cardiology Agenda



Friday, October 24, 2025

8:30 a.m. – 8:40 a.m. **Introduction & Welcome**  
Takeshi Tsuda, MD

8:40 am - 9:20 a.m. **Cardiovascular Clinical Exercise Physiology: It's Time to Look Beyond Stress Testing**  
David White, PhD

## **Exercise and Stress Imaging**

9:20 am - 10:00 am **Exercise Stress Echocardiography in Pediatric Congenital Heart Disease: Utility and Future Direction**  
Barbara Cifra, MD

10:00 am – 10:15 am **Stress Echocardiogram**  
Shubhika Srivastava, MD

10:15 am – 10:30 am **MRI Stress Imaging**  
Mark Cartoski, MD

10:30 am – 10:50 am Break

## **Exercise as a Treatment Modality - Introduction of Cardiac Rehabilitation**

10:50 am – 11:30 am **Exercise as a Treatment Modality**  
Naomi Gauthier, MD

11:30 am – 11:45 am **Enhanced Recovery in Postoperative Cardiac Surgery Patients**  
Aaron "Rusty" Eckhouser, MD

11:45 am - 12:00 pm **Title to be announced**  
Kristian Becker, MD

12:00 pm – 1:00 pm **Lunch**

## **Practical Application of Cardiopulmonary Exercise Testing for Children with Heart Disease**

1:00 pm – 1:30 pm **Cardiopulmonary Exercise Testing: Basic Principles and New Applications**  
Bahram Kakavand, MD

1:30 pm – 1:40 pm **Symptomatic repaired TOF for pulmonary valve replacement**  
Riya Kulcarni, DO

1:40 pm – 1:55 pm **TOF and Exercise**  
Bradley Robinson, MD

1:55 pm – 2:05 pm **A male adolescent with HCM who would like to participate in sports**  
Matthew Theoharakis, MD

2:05 pm – 2:20 pm **Exercise Prescription for Hypertrophic Cardiomyopathy: What are the recent changes in clinical guidelines?**  
Takeshi Tsuda, MD

2:20 pm – 2:55 pm **Panel Discussion**  
Bahram Kakavand & Bradley Robinson, MD

2:55 pm – 3:00 pm **Ending Remarks**  
Dr. Tsuda