FACULTY

All faculty are with the Stanford University School of Medicine unless otherwise noted.

Course Directors
Ritu Asija, MD
Clinical Associate Professor
Pediatrics-Cardiology
David M. Axelrod MD
Clinical Associate Professor
Pediatrics-Cardiology

Stanford Faculty
Ritu Asija, MD
Clinical Associate Professor
Pediatrics-Cardiology
Frandics Chan, MD
Associate Professor of Radiology (General Radiology)
Thomas Collins, MD
Clinical Associate Professor
Pediatrics – Cardiology
Lisa Wise-Faberowski, MD, MS
Assistant Professor of Anesthesiology, Perioperative and Pain Medicine (Pediatric)
Jeff Feinstein, MD, MPH
Dunlevie Family Professor of Pulmonary Vascular Disease and Professor, by courtesy, of Bioengineering
Frank L. Hanley, MD
Lawrence Crowley, M.D., Endowed Professor in Child Health Cardiothoracic Surgery
Katsuhide Maeda, MD
Clinical Associate Professor of Cardiothoracic Surgery
Alison Marsden, PhD
Associate Professor of Pediatrics (Cardiology) and of Bioengineering and, by courtesy, of Mechanical Engineering
Doff McElhinney, MD
Professor of Cardiothoracic Surgery (Pediatric Cardiac Surgery) and of Pediatrics (Cardiology)

Stanton B. Perry, MD
Associate Professor of Pediatrics (Cardiology)
Marlene Rabinovitch, MD
Dwight and Vera Dunlevie Professor in Pediatric Cardiology
Sushma Reddy, MD
Assistant Professor of Pediatrics (Cardiology)
R. Kirk Riemer, PhD
Senior Research Scientist-Basic Ls Cardiothoracic Surgery – Pediatric Cardiac Surgery
Anitra Romfh, MD
Clinical Assistant Professor
Pediatrics/Cardiology
Clinical Assistant Professor
Medicine – Cardiovascular Medicine
Stephen J. Roth, MD
Professor of Pediatrics-Cardiology
Chief, Division of Pediatric Cardiology
Douglas Sidell, MD
Assistant Professor of Otolaryngology/Head and Neck Surgery (Pediatrics)
Kenneth Weinberg, MD
Anne T. and Robert M. Bass Professor in Pediatric Cancer and Blood Diseases
Pediatrics – Stem Cell Transplantation

Guest Faculty
Abdulaziz Alkhaldi, MD
Director of Pediatric Cardiac Surgery
Prince Sultan Cardiac Center
Riyadh, Saudi Arabia
Adriano Carotti, MD
Director, Pediatric Cardiac Surgery
Bambino Gesù Children’s Hospital
Roma, Italy

Mark Friedberg, MD
Staff Cardiologist
The Hospital for Sick Children
University of Toronto
Rebecca Kameny, MD
Assistant Professor – Pediatric Critical Care
University of California San Francisco
James Lock, MD
Cardiologist in Chief Emeritus
Chairman of the Department of Cardiology
Boston Children’s Hospital
Audrey C. Marshall, MD
Chief, Pediatric Cardiology
Director, Pediatric Catheterizations and Interventions
Visiting Associate Professor
Tufts University School of Medicine
Michael Matthay, MD
Professor of Medicine
University of California San Francisco School of Medicine
Terry Monkaba
Executive Director
Williams Syndrome Association
Jim Walker
Parent of Patient

FACULTY DISCLOSURE
The Stanford University School of Medicine adheres to ACCME Criteria, Standards and Policies regarding industry support of continuing medical education. Disclosure of faculty and their commercial relationships will be made prior to the activity.
Saturday, April 14, 2018

7:00-7:30 AM  Registration and Breakfast with the Faculty

Session Moderator: David M. Axelrod, MD

7:30-7:40  Welcome and Introduction
David M. Axelrod, MD

7:40-8:00  Diagnostic Catheterization of Abnormal PAs and MAPCAS
Stanton B. Perry, MD

8:00-8:20  CT and MRI Imaging of PAS and MAPCAS
Frandics Chan, MD

8:20-8:40  Interventional Catheterization Techniques for Palliation of MAPCAS
Audrey C. Marshall, MD

8:40-9:00  RVOT Catheterization Interventions
Evan Zahn, MD

9:00-9:20  Advanced Modeling and Personalized Surgery
Alison Marsden, PhD

9:20-9:50  Q&A

9:50-10:00  Break

Session Moderator: Lisa Wise-Faberowski, MD, MS

10:00-10:20  Anesthetic Considerations in PA Interventions
Lisa Wise-Faberowski, MD, MS

10:20-11:00  Surgical Approach to Tetralogy with PA and MAPCAS
Frank L. Hanley, MD

11:00-11:20  International Perspectives: Building a PA Reconstruction Program in Europe
Adriano Carotti, MD

11:20-11:40  International Perspectives: Building A PA Reconstruction Program in the Middle East
Abdulaziz Alkhaldi, MD

11:40-12:00 PM  Q&A

12:00-12:30  Lunch

12:30-1:30  Lunch Panel Debate
Post-Operative PA Stenosis/Obstruction: When and How to Intervene
Surgical Approach: Frank L. Hanley, MD
Interventional Cath Approach: Jim Lock, MD

1:30-1:50  Q&A

1:50-2:00  Break

Session Moderator: Ritu Asija, MD

2:00-2:20  Post-Operative Management and Prolonged Respiratory Failure
Ritu Asija, MD

2:20-2:40  Pathophysiology and Basic Science of Reperfusion
Pulmonary Edema
Michael Matthay, MD

2:40-3:00  Bronchoscopy of PA Reconstruction Patients
Douglas Sidell, MD

3:00-3:20  Outpatient Follow-Up of PA Reconstruction
Stephen J. Roth, MD, MPH

3:20-3:30  Q&A

3:30-4:00  Special Feature: The Parent Perspective
Jim Walker
Parent of TOF/PA/MAPCAS Patient

4:00-5:30  Stanford Virtual Heart Demonstration

4:00-5:30  Virtual Reality Stations Open (No CME)

5:30-6:00 PM  Optional, Tour of New Children’s Hospital

Sunday, April 15, 2018

7:00-7:30 AM  Breakfast with the Faculty

Session Moderator: Doff McElhinney, MD

7:30-7:45  The Williams Syndrome Association
Terry Monkaba

7:45-8:05  Williams Syndrome: Features and Management
Tom Collins, MD

8:05-8:25  Alagille Syndrome: Features and Management
Jeff Feinstein, MD

8:25-8:45  DiGeorge, T-Cell Immunodeficiency, and Infectious Diseases
Ken Weinberg, MD

8:45-9:00  Caring for Adult Survivors, Medical and Surgical Considerations
Anitra Romfh, MD

9:00-9:20  PA Reconstruction in Williams and Alagille
Frank L. Hanley, MD

9:20-9:40  Cardiac Transplantation and VADs in PA Reconstruction Patients
Katsuhide Maeda, MD

9:40-10:10  Q&A

10:10-10:20  Break

Session Moderator: Stephen J. Roth, MD MPH

10:20-10:40  Imaging the RV in Complex PA Repairs
Mark Friedberg, MD

10:40-11:00  RV Strain and Molecular Markers
Sushma Reddy, MD

11:00-11:15  Gene Expression and Genetic Profiling in MAPCAS Patients
Kirk Reimer, PhD

11:15-11:35  RV Adaptation
Rebecca Kameny, MD

11:35-11:55  The Hypertensive RV, Pulmonary Hypertension, and Looking Forward for Basic Science Developments
Marlene Rabinovitch, MD

11:55-12:15  Q&A

12:15 PM  Adjournment