

2020 Pediatric and Adult Congenital Cardiology Review Course

Course Schedule

Sunday, August 23rd

- 6:30 a.m. Registration and Continental Breakfast
- 7:00 a.m. Welcome & Course Objectives
Jonathan N. Johnson, M.D. and Robert Shaddy, M.D.
- 7:15 a.m. Pre-Test & Test-Taking Strategies (45 min)
Benjamin W. Eidem, M.D., Bryan C. Cannon, M.D., Frank Cetta, M.D. & Paul Kantor, MBBCh, MSc

Neonatal Heart Disease Mini-Symposium

- 8:00 a.m. Pregnancy & Congenital Heart Disease (30 min)
Sabrina D. Phillips, M.D.
- 8:30 a.m. Managing the Neonate of the Mother with Congenital Heart Disease (30 min)
David Miller M.D.
- 9:00 a.m. Genetic Disorders and Congenital Heart Disease, with Image Review (45 min)
Jonathan N. Johnson, MD
- 9:45 a.m. Break
- 10:15 a.m. Fetal Echocardiography – Cases to Know for Boards (30 min)
Jay Pruetz, M.D.
- 10:45 a.m. Fetal Arrhythmias - Diagnosis & Management (30 min)
Benjamin W. Eidem, M.D.
- 11:15 a.m. Surgical Strategies in Neonatal Congenital Heart Disease (60 min)
Ram Subramanyan, M.D. Ph.D.
- 12:15 p.m. Lunch
- 1:15 p.m. Classic Images in Neonatal Heart Disease (30 min)

Jay Pruetz, M.D., Pierre Wong, M.D., Benjamin W. Eidem, M.D., Yasir Qureshi, M.D. and Ellen Bendel-Stenzel, M.D.

- 1:45 p.m. Feeding Issues in the Neonate with Congenital Heart Disease (30 min)
Russel Merritt, M.D., Ph.D. and Stephanie Sanborn, R.D.
- 2:15 p.m. The Patent Ductus Arteriosus in 2020 – What Do We Know? (90 min total)
- 2:15-2:35 The PDA: To Treat or Not? (20 min)
Ellen Bendel-Stenzel, M.D.
- 2:35-2:55 PDA Closure – Why Surgery Has and Always Will be Best (20 min)
Ram Subramanyan, M.D., Ph.D.
- 2:55-3:15 PDA Closure – Why Percutaneous is Always a Consideration (20 min)
Jason H. Anderson, M.D.
- 3:15-3:45 PDA Cases – Panel Debate (30 min)
All speakers, led by Ellen Bendel-Stenzel, M.D.
- 3:45 p.m. Fetal Interventions – State of the Art (30 min)
Ramen H. Chmait, M.D.
- 4:15 p.m. Break
- 4:45 p.m. Hands on Point-of-Care Imaging and PDA Closure Workshop (75 min)
Jay Pruetz, M.D., Pierre Wong, M.D., Benjamin W. Eidem, M.D., Yasir Qureshi, M.D., Jason H. Anderson, M.D. and Ellen Bendel-Stenzel, M.D.
- 6:00 p.m. SIMULATED BOARD QUESTIONS (30 min)
Jay Pruetz, M.D., Benjamin W. Eidem, M.D., Yasir Qureshi, M.D., Jason H. Anderson, M.D., Jonathan N. Johnson, M.D., Sabrina Phillips, M.D.
- 6:30 p.m. Adjournment

Monday, August 24th

- 6:30 a.m. Registration and Continental Breakfast
- 7:00 a.m. Overview of Congenital Heart Embryology (60 min)
Michael G. Earing, M.D.

- 8:00 a.m. Congenital Cardiac Anatomy & Nomenclature - Part I (60 min)
Joseph J. Maleszewski, M.D.
- 9:00 a.m. Clinical Diagnosis of Heart Disease / Outpatient Cardiology (30 min)
Charlotte S. Van Dorn, M.D.
- 9:30 a.m. Refreshment Break
- 10:00 a.m. Outpatient Cardiology (45 min)
Grace Kung, M.D.
- 10:45 a.m. Echocardiography: A Primer for the Board Exam (40 min)
Benjamin W. Eidem, M.D.
- 11:25 a.m. Advanced Cardiac Imaging - Cardiac CT (25 min)
Yasir Qureshi, M.D.
- 11:50 a.m. Advanced Cardiac Imaging - Cardiac MR (25 min)
Jon Detterich, M.D.
- 12:15 p.m. Lunch
- Optional Session from 12:30-1:30 p.m.
Hands-On Imaging with Live Patients
Benjamin W. Eidem, M.D., Yasir Qureshi, M.D. Pierre Wong, M.D., and Grace Kung, M.D.
- 1:45 p.m. Statistics – the Basics (30 min)
Justin M. Horner, M.D.
- 2:15 p.m. Epidemiology (30 min)
Jon Detterich, M.D.
- 2:45 p.m. Study Design and Picking the Right Test (30 min)
Justin M. Horner, M.D.
- 3:15 p.m. Stats Challenge (with ARS) (30 mins)
Justin M. Horner, M.D. and Jon Detterich, M.D.
- 3:45 p.m. Break

- 4:15 p.m. Congenital Cardiac Anatomy & Nomenclature – Part II (60 min)
Joseph J. Maleszewski, M.D.
- 5:15 p.m. Imaging Challenge (with ARS) (45 min)
Benjamin W. Eidem, M.D., Yasir Qureshi, M.D., Frank Cetta, M.D., Grace Kung, M.D., Pierre Wong, M.D., Jon Detterich, M.D., and Jay Pruetz, M.D.
- 6:00 p.m. SIMULATED BOARD QUESTIONS
Frank Cetta, M.D., Benjamin W. Eidem, M.D., Yasir Qureshi, M.D., Michael G. Earing, M.D., Joseph J. Maleszewski, M.D., Justin M. Horner, M.D. Jon Detterich, M.D., and Grace Kung MD.
- 6:30 p.m. Adjournment

Tuesday, August 25th

- 6:30 a.m. Registration and Continental Breakfast
- 7:00 a.m. Cardiac Physiology (60 min)
Jason H. Anderson, M.D.
- 8:00 a.m. Cardiac Lesions I – Left to Right Shunts (45 min)
Patrick Sullivan, M.D.
- 8:45 a.m. Cardiac Lesions II – Cardiomyopathies (45 min)
Paul Kantor, MBBCh, MSc
- 9:30 a.m. Refreshment Break
- 10:00 a.m. Pharmacology – General Concepts and Medications (30 min)
Justin M. Horner, M.D.
- 10:30 a.m. Heart Failure – Diagnosis and Management (60 min)
Robert E. Shaddy, M.D.
- 11:30 p.m. Cardiac Transplantation (45 min)
Jonathan N. Johnson, M.D.

- 12:15 p.m. Lunch
- Optional Session from 12:30-1:30 p.m.
Meet the Faculty Lunch for Fellows
All Available Faculty
- 1:45 p.m. Exercise Physiology: Cardiovascular and Ventilatory Responses to Exercise and Training (45 min)
Andrew Souza, M.D.
- 2:30 p.m. Cardiac Lesions III – Thoracic Aorta Anomalies Including Coarctation and Vascular Rings (45 min)
Yasir Qureshi, M.D.
- 3:15 p.m. Cardiac Lesions IV – Coronary Artery Anomalies (30 min)
Frank Cetta, M.D.
- 3:45 p.m. Break
- 4:15 p.m. Acquired Heart Diseases Including Infections (45 min)
Jonathan N. Johnson, M.D.
- 5:00 p.m. Systemic Diseases (30 min)
Crystal R. Bonnichsen, M.D.
- 5:30 p.m. Outpatient Cardiology Challenge (with ARS) (45 min)
Yasir Qureshi, M.D., Frank Cetta, M.D., Jonathan N. Johnson M.D., Crystal R. Bonnichsen, M.D., Charlotte S. Van Dorn, M.D., Grace Kung, M.D., and Andrew Souza, M.D.
- 6:00 p.m. SIMULATED BOARD QUESTIONS
Yasir Qureshi, M.D., Frank Cetta, M.D., Jonathan N. Johnson M.D., Crystal R. Bonnichsen, M.D., Charlotte S. Van Dorn, M.D., Paul Kantor, MBBCh, MSc., Robert Shaddy, M.D., Patrick Sullivan, M.D., and Andrew Souza, M.D.
- 6:30 p.m. Adjournment

Wednesday, August 26th

- 6:30 a.m. Registration and Continental Breakfast
- 7:00 a.m. Surgical Strategies in Non-Neonatal Congenital Heart Disease (60 min)
Cynthia Herrington, M.D.
- 8:00 a.m. Cardiac Lesions V – Valvular Lesions (45 min)
Sarah Badran, M.D.
- 8:45 a.m. Cardiac Lesions VI – Conotruncal Anomalies (45 min)
Nathaniel W. Taggart, M.D.
- 9:30 a.m. Break
- 10:00 a.m. Pharmacology – Anti-Coagulation (30 min)
Sabrina D. Phillips, M.D.
- 10:30 a.m. Cardiac Cath – Hemodynamics (60 min)
Nathaniel W. Taggart, M.D.
- 11:30 a.m. Cardiac Cath – Interventions (45 min)
Jason H. Anderson, M.D.
- 12:15 p.m. Lunch
- Optional Session from 12:30-1:30 p.m.
Industry Luncheon
- 1:45 p.m. Maintenance of Certification (MOC) – Optional Session (60 min)
Bryan C. Cannon, M.D. and Jonathan N. Johnson, M.D.
- 2:45 p.m. Pulmonary Physiology and Pulmonary Hypertension (60 min)
Jacqueline Szmuszkowicz M.D.
- 3:45 p.m. Break
- 4:15 p.m. 12 ECG's that You Should Recognize (60 min)
Bryan C. Cannon, M.D.
- 5:15 p.m. Cardiac Catheterization Challenge (with ARS) (45 min)

Nathaniel W. Taggart, M.D., Jason H. Anderson, M.D., Frank Cetta, M.D., and Sarah Badran, M.D.

- 6:00 p.m. SIMULATED BOARD QUESTIONS
Bryan C. Cannon, M.D., Nathaniel W. Taggart, M.D., Jason H. Anderson, M.D., Frank Cetta, M.D., Jacqueline Szmuszkowicz M.D., and Sarah Badran, M.D.
- 6:30 p.m. Adjournment

Thursday, August 27th

- 6:30 a.m. Registration and Continental Breakfast
- 7:00 a.m. Cardiac Lesions VII – HLHS and Variants (30 min)
Vaughn Starnes, M.D.
- 7:30 a.m. Cardiac Lesions VIII – Heterotaxy and Other Single Ventricles (45 min)
Frank Cetta, M.D.
- 8:15 a.m. Pharmacology – Cardiac ICU (30 min)
Edmund Burke, M.D.
- 8:45 a.m. Cardiac ICU – Basic Concepts (45 min)
Charlotte S. Van Dorn, M.D.
- 9:30 a.m. Break
- 10:00 a.m. ICU Management of the Neonate with CHD (60 min)
Sylvia Del Castillo, M.D.
- 11:00 a.m. ICU Management of the Teen or Adult with CHD (30 min)
Charlotte S. Van Dorn, M.D.
- 11:30 a.m. Cardiac ICU Challenge (with ARS) (45 min)
Charlotte S. Van Dorn, M.D., Edmund Burke, M.D., and Sylvia Del Castillo, M.D.
- 12:15 p.m. Lunch

Adult Congenital Heart Disease Mini-Symposium

- 7:00 a.m. Eisenmenger Disease & Pulmonary Hypertension (30 min)
Michael G. Earing, M.D.
- 7:30 a.m. Follow-up of Conotruncal Lesions Including ToF and TGA (30 min)
Crystal R. Bonnicksen, M.D.
- 8:00 a.m. Non-Cardiac Disease in ACHD Patients (30 min)
Sabrina D. Phillips, M.D.
- 8:30 a.m. Arrhythmia Management in ACHD Patients (30 min)
Bryan C. Cannon, M.D.
- 9:00 a.m. Classic Images in ACHD (30 min)
All Faculty
- 9:30 a.m. Break
- 10:00 a.m. Cardiac Catheterization in ACHD (30 min)
Nathaniel W. Taggart, M.D.
- 10:30 a.m. CV Surgery – Considerations in ACHD (30 min)
John Cleveland MD.
- 11:00 a.m. Fontan Follow-up – State of the Art (45 min)
Frank Cetta, M.D.

Closing

- 11:45 a.m. Simulated Board Questions Post-Test
*Bryan C. Cannon, M.D., Frank Cetta, M.D., Benjamin W. Eidem, M.D.,
and Paul Kantor, MBBCH, MSc*
- 12:30 p.m. Closing Remarks, Program Evaluation, CME Credits
Jonathan N. Johnson, M.D. and Robert Shaddy, M.D.
- 12:45 p.m. Adjournment