

## **PROGRAM**

Welcome & Course Objectives

*Jonathan N. Johnson, M.D.*

Test-Taking Strategies

*Frank Cetta, M.D.*

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### ***General Pediatric Cardiology***

Overview of Congenital Heart Embryology (60 min)

*Michael G. Earing, M.D.*

Congenital Cardiac Anatomy & Nomenclature - Part I (60 min)

*Joseph J. Maleszewski, M.D.*

Congenital Cardiac Anatomy & Nomenclature – Part II (60 min)

*Joseph J. Maleszewski, M.D.*

Clinical Diagnosis of Heart Disease / Outpatient Cardiology (30 min)

*Charlotte S. Van Dorn, M.D.*

Outpatient Cardiology (45 min)

*Grace Kung, M.D.*

Exercise Physiology: Cardiovascular and Ventilatory Responses to Exercise & Training (45 min)

*Andrew Souza, M.D.*

Acquired Heart Diseases Including Infections (45 min)

*Jonathan N. Johnson, M.D.*

Systemic Diseases (30 min)

*Crystal R. Bonnicksen, M.D.*

**SIMULATED BOARD QUESTIONS – Outpatient (30 min)**

*Jonathan N. Johnson M.D., Charlotte S. Van Dorn, M.D., Grace Kung, M.D., and Andrew Souza, M.D.*

(Livestreamed)

## ***Cardiac Lesions***

Cardiac Lesions I – Left to Right Shunts (45 mins)

*Patrick Sullivan, M.D.*

Cardiac Lesions II – Cardiomyopathies (45 mins)

*Paul Kantor, MBBCh, MSc*

Cardiac Lesions III – Thoracic Aorta Anomalies Including Coarctation and Vascular Rings (45 min)

*Yasir Qureshi, M.D.*

Cardiac Lesions IV – Coronary Artery Anomalies (30 min)

*Frank Cetta, M.D.*

Cardiac Lesions V – Valvular Lesions (45 min)

*Sarah Badran, M.D.*

Cardiac Lesions VI – Conotruncal Anomalies (45 min)

*Nathaniel W. Taggart, M.D.*

Cardiac Lesions VII – HLHS and Variants (30 min)

*Vaughn Starnes, M.D.*

Cardiac Lesions VIII – Heterotaxy and Other Single Ventricles (45 min)

*Frank Cetta, M.D.*

SIMULATED BOARD QUESTIONS – Lesions (60 min)

*Frank Cetta, M.D., Patrick Sullivan, M.D., Nathaniel W. Taggart, M.D.,  
Pierre Wong, M.D.*

*(Livestreamed)*

## ***Neonatal Heart Disease Mini-Symposium***

Pregnancy & Congenital Heart Disease (30 min)

*Sabrina D. Phillips, M.D.*

Maternal-Fetal Management of Maternal Congenital Heart Disease (30 min)

*David Miller, M.D.*

Genetic Disorders and Congenital Heart Disease (45 min)

*Jonathan N. Johnson, M.D.*

Fetal Echocardiography – Cases to Know for Boards (30 min)

*Jay Pruetz, M.D.*

Fetal Arrhythmias - Diagnosis & Management (30 min)

*Benjamin W. Eidem, M.D.*

Surgical Strategies in Neonatal Congenital Heart Disease (60 min)

*Ram Subramanyan, M.D., Ph.D.*

Classic Images in Neonatal Heart Disease (30 min)

*Pierre Wong, M.D.*

Feeding Issues in the Neonate with Congenital Heart Disease (30 min)

*Russel Merritt, M.D., Ph.D. and Stephanie Sanborn, R.D.*

Fetal Interventions – State of the Art (30 min)

*Rodrigo Ruano, M.D.*

### ***Patent Ductus Arteriosus***

The PDA: To Treat or Not? (20 min)

*Ellen Bendel-Stenzel, M.D.*

PDA Closure – Why Surgery Has and Always Will Be Best (20 min)

*Ram Subramanyan, M.D., Ph.D.*

PDA Closure – Why Percutaneous is Always a Consideration (20 min)

*Jason H. Anderson, M.D.*

PDA Case Session (50 min)

*Ram Subramanyan, M.D., Ph.D., Ellen Bendel-Stenzel, M.D.,*

*Jason H. Anderson, M.D.*

SIMULATED BOARD QUESTIONS – Neonatal (60 min)

*Jay Pruetz, M.D., Benjamin W. Eidem, M.D., Yasir Qureshi, M.D.,*

*Jonathan N. Johnson, M.D., Ram Subramanyan, M.D. Ph.D.*

(Livestreamed)

## ***Imaging***

Echocardiography: A Primer for the Board Exam (40 min)

*Benjamin W. Eidem, M.D.*

Advanced Cardiac Imaging - Cardiac CT (30 min)

*Yasir Qureshi, M.D.*

Advanced Cardiac Imaging - Cardiac MR (30 min)

*Jon Detterich, M.D.*

SIMULATED BOARD QUESTIONS – Imaging (30 min)

*Benjamin W. Eidem, M.D., Yasir Qureshi, M.D., Pierre Wong, M.D.,  
Jon Detterich, M.D.*

## ***Statistics***

Statistics – The Basics (30 min)

*Justin M. Horner, M.D.*

Epidemiology (30 min)

*Jon Detterich, M.D.*

Study Design and Picking the Right Test (30 min)

*Justin M. Horner, M.D.*

SIMULATED BOARD QUESTIONS –Statistics (30 min)

*Justin M. Horner, M.D. and Jon Detterich, M.D.  
(Livestreamed)*

## ***Heart Failure and PH***

Pulmonary Physiology and Pulmonary Hypertension (60 min)

*Jacqueline Szmuszkovicz, M.D.*

Heart Failure – Diagnosis and Management (60 mins)

*Robert E. Shaddy, M.D.*

Cardiac Transplantation (45 mins)

*Jonathan N. Johnson, M.D.*

**SIMULATED BOARD QUESTIONS – Heart Failure and Pulmonary Hypertension (30 min)**

*Jonathan N. Johnson M.D., Paul Kantor, MBBCh, MSc.,  
Jacqueline Szmuszkovicz M.D.  
(Livestreamed)*

***CV Surgery***

**Surgical Strategies in Non-Neonatal Congenital Heart Disease (60 min)**

*Cynthia Herrington, M.D.*

**Surgical Strategies in Neonatal Congenital Heart Disease (60 min)**

*Ram Subramanyan, M.D., Ph.D.*

**CV Surgery – Considerations in ACHD (30 min)**

*John Cleveland, M.D.*

**SIMULATED BOARD QUESTIONS – Cardiovascular Surgery (30 min)**

*Jonathan N. Johnson M.D., John Cleveland, M.D.,  
Ram Subramanyan, M.D.(Livestreamed)*

***Pharmacology***

**Pharmacology – General Concepts and Medications (30 mins)**

*Justin M. Horner, M.D.*

**Pharmacology – Anti-Coagulation (30 min)**

*Sabrina D. Phillips, M.D.*

**Pharmacology – Cardiac ICU (30 min)**

*Robin Horak, M.D.*

**SIMULATED BOARD QUESTIONS – Pharmacology (30 min)**

*Justin Horner, M.D., Bryan Cannon, M.D., Sylvia Del Castillo, M.D.  
(Livestreamed)*

***Cardiac Cath and Interventions***

**Cardiac Physiology (60 mins)**

*Jason H. Anderson, M.D.*

Cardiac Cath – Hemodynamics (60 min)

*Nathaniel W. Taggart, M.D.*

Cardiac Cath – Interventions (45 min)

*Jason H. Anderson, M.D.*

SIMULATED BOARD QUESTIONS – Cath (30 min)

*Nathaniel W. Taggart, M.D., Jason H. Anderson, M.D., Patrick Sullivan, M.D., and Sarah Badran, M.D.*

(Livestreamed)

## ***ICU***

Cardiac ICU – Basic Concepts (45 min)

*Charlotte S. Van Dorn, M.D.*

ICU Management of the Neonate with CHD (60 min)

*Asavari Kamerkar, D.O.*

ICU Management of the Teen or Adult with CHD (30 min)

*Charlotte S. Van Dorn, M.D.*

SIMULATED BOARD QUESTIONS – ICU (30 min)

*Charlotte S. Van Dorn, M.D., Asavari Kamerkar, D.O., and Sylvia Del Castillo, M.D.*

## ***Electrophysiology***

Pharmacology – The Action Potential and Anti-Arrhythmic Medications (45 min)

*Michael J. Ackerman, M.D., PhD*

12 ECGs that You Should Recognize (60 min)

*Bryan C. Cannon, M.D.*

Syncope and Sudden Death (30 min)

*Mark Shwayder, M.D.*

Overview of Channelopathies (30 min)

*Michael J. Ackerman, M.D., PhD*

Clinical Management of Arrhythmias (45 min)

*Philip Wackel, M.D.*

ICDs and Pacemakers (45 min)

*Yaniv Bar-Cohen, M.D.*

Management of Arrhythmias in EP Lab (60 min)

*Bryan C. Cannon, M.D.*

SIMULATED BOARD QUESTIONS – EP (30 min)

*Mark Shwayder, M.D., Yaniv Bar Cohen, M.D., Bryan Cannon, M.D. and Philip Wackel, M.D.*

### ***Adult Congenital Heart Disease***

Eisenmenger Disease & Pulmonary Hypertension (30 min)

*Michael G. Earing, M.D.*

Follow-up of Conotruncal Lesions Including ToF and TGA (30 min)

*Crystal R. Bonnicksen, M.D.*

Non-Cardiac Disease in ACHD Patients (30 min)

*Sabrina D. Phillips, M.D.*

Arrhythmia Management in ACHD Patients (30 min)

*Bryan C. Cannon, M.D.*

Cardiac Catheterization in ACHD (30 min)

*Nathaniel W. Taggart, M.D.*

CV Surgery – Considerations in ACHD (30 min)

*John Cleveland, M.D.*

Fontan Follow-up – State of the Art (45 min)

*Frank Cetta, M.D.*

SIMULATED BOARD QUESTIONS – Adult Congenital Heart Disease (30 min)

*Roberta Williams, M.D., Sarah Badran, M.D., Frank Cetta, M.D., Crystal Bonnicksen, M.D., Sabrina Phillips, M.D.*

***Bonus Material***

Cone Reconstruction for Ebstein Anomaly (20 min)

*Frank Cetta, M.D.*

***Closing***

Review of Pre-Test (60 min)

*Benjamin Eidem, M.D., Bryan C. Cannon, M.D., Frank Cetta, M.D. & Paul Kantor, MBBCh, MSc*

Closing Remarks, Program Evaluation, CME Credits

*Jonathan N. Johnson, M.D.*

***Other***

Maintenance of Certification (MOC) – Optional Session (60 min)

*Bryan C. Cannon, M.D. and Jonathan N. Johnson, M.D.*