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A CME Teaching Activity

2019 SPECIALTY REVIEW IN

PEDIATRIC CARDIOLOGY

36.0 AMA PRA Category 1 Credit(s)™

Release Date: January 15, 2019

About This CME Teaching Activity

Specialty Review in Pediatric Cardiology is an intensive and comprehensive course designed to strengthen your knowledge in the specialty of pediatric cardiology. The program focuses on Genetics, Pharmacology, Physiology, Pathology, Molecular Biology, Statistics, Diagnostic and Therapeutic Procedures, Management of the Cardiac Transplant Patient. Content of this series can be used as a review or merely a way to remain current in the field.

Material contained in this product was captured during the live 2018 Specialty Review in Pediatric Cardiology.

Target Audience

This CME activity will greatly benefit physicians in the fields of obstetric imaging, fetal echocardiography and pediatric cardiology. Residents in obstetrics and gynecology, as well as fellows in maternal fetal medicine and pediatric cardiology, will also benefit greatly. It should also prove valuable to those physicians wanting to gain a more in depth knowledge of fetal echocardiography.

Accreditation

Physicians: Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Symposia designates this enduring material for a maximum of 36.0 AMA PRA Category 1 Credit(s)TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

All activity participants are required to take a written or online test in order to be awarded credit. (Exam materials, if ordered, will be sent with your order.) All course participants will also have the opportunity to critically evaluate the program as it relates to practice relevance and educational objectives.

AMA PRA Category 1 Credit(s)™ may not be claimed by course participants of the "2019 Specialty Review in Pediatric Cardiology – Teaching Program" who claimed credit for attending the "2018 Specialty Review in Pediatric Cardiology" live course August 13-17, 2018.

AMA PRA Category 1 Credit(s)™ for this activity may be claimed until January 14, 2022.

This CME activity was planned and produced by Educational Symposia, a leader in continuing medical education since 1975.

This activity was planned and produced in accordance with the ACCME Essential Areas and Elements.

Learning Objectives

After completing this course, you should be able to:

- Discuss principles of cardiovascular physiology and apply to pediatric cardiology practice.
- Review principles of cardiovascular pathology and integrate with diagnosis and treatment.
- · Recognize pathological conditions relevant to pediatric cardiology.
- · Demonstrate enhanced ability to identify abnormalities seen in cardiovascular studies.
- Differentiate cardiovascular conditions resulting from altered hemodynamics from similar appearing conditions
 produced by other pathologies.
- Demonstrate enhanced knowledge of diagnostic and interventional cardiovascular techniques.
- Discuss strategies for managing pre- and post-cardiac surgery patients.
- Discuss options for managing the cardiac transplant patient.
- Discuss principles of complex congenital heart disease and apply to pediatric cardiology practice.
- Demonstrate enhanced knowledge of diagnostic and interventional cardiovascular techniques including technique and management of left-right shunts.
- Identify areas of relative strength and weakness in knowledge, and assess knowledge gains, through board simulation sessions.

No special educational preparation is required for this CME activity.

Faculty

Planning Committee:

Maria Serratto, MD, FAAP, FACC, FCCP Laurie R. Armsby, MD, FAAP, FSCAl David W. Brown, MD, FAAP Antonio G. Cabrera, MD, FAAP, FACC Shaji C. Menon, MD, MS, FAAP, FASE, FACC Christina Ronai, MD, MSEd, FAAP, FAAC

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Colorado

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Benioff Children's Hospital

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Lloyd Y. Tani, MD

Professor of Pediatrics Chief, Division of Pediatric Cardiology University of Utah School of Medicine, Primary Children's Hospital

Faculty Continued

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Associate Professor of Medicine and Pediatrics Outpatient Director, Boston Adult Congenital Heart Service Harvard Medical School, Boston Children's Hospital Brigham and Women's Hospital

Paul M. Weinberg, MD, FAAP, FACC

Professor of Pediatrics and Pediatric Pathology and Laboratory Medicine Associate Professor of Radiology Senior Cardiologist Children's Hospital of Philadelphia, Perelman School of Medicine at the University of Pennsylvania

Gary M. Weiner, MD, FAAP

Associate Professor, Neonatal-Perinatal Medicine Director, Neonatal-Perinatal Fellowship Program University of Michigan Health System, C.S. Mott Children's Hospital

Elizabeth S. Yellen, MD

Assistant Professor of Pediatrics Assistant Dean of Academic Affairs Boston University School of Medicine, Boston Children's Hospital

Frank J. Zimmerman, MD

Clinical Associate Professor of Pediatrics and Medicine University of Chicago Pritzker School of Medicine Co-Director of Pediatric Electrophysiology Advocate Hope Children's Hospital

Program

Session 1

Overview of Congenital Heart Embryology and Anatomy

Including Practice Questions
Paul M. Weinberg, MD, FAAP, FACC

Session 2

Echocardiography

Including Practice Questions *Andrew J. Powell, MD, FACC*

Session 3

Fetal Echocardiography

Including Practice Questions

David W. Brown, MD, FAAP

Cardiovascular Imaging: MRI, CT, Nuclear Medicine

Including Practice Questions *Andrew J. Powell, MD, FACC*

Session 4

Fetal Arrhythmias and Management

David W. Brown, MD, FAAP

Including Practice Questions with Christina Ronai, MD, MSEd, FAAP, FAAC Antonio G. Cabrera, MD, FAAP, FACC

Basic Cardiovascular Physiology

Amy N. McCammond, MD

Including Practice Questions with Christina Ronai, MD, MSEd, FAAP, FAAC, Antonio Cabrera, MD, FAAP, FACC Shaji C. Menon, MD, MS, FAAP, FASE, FACC

Session 5

Complex Congenital Heart Disease

Shaji C. Menon, MD, MS, FAAP, FASE, FACC Including Practice Questions with

Christina Ronai, MD, MSEd, FAAP, FAAC, Antonio Cabrera, MD, FAAP, FACC Amy N. McCammond, MD

Left to Right Shunts

Shaji C. Menon, MD, MS, FAAP, FASE, FACC

Session 6

Pharmacology: Congestive Heart Failure

Amy N. McCammond, MD

Including Practice Questions with Antonio G. Cabrera, MD, FAAP, FACC

Pre-operative Management of Patients with Complex Congenital Heart Disease

John M. Costello, MD, MPH, FAAP

Including Practice Questions with Antonio G. Cabrera, MD, FAAP, FACC

Session 7

Pharmacology: Neonatal, Ductal

Amy N. McCammond, MD

Including Questions with John M. Costello, MD, MPH, FAAP

Post-operative Management of Patients with Complex Congenital Heart Disease

John M. Costello, MD, MPH, FAAP

Including Practice Questions with Antonio G. Cabrera, MD, FAAP, FACC

Session 8

Pharmacology: Inotropic Support, Sedation, and Pain Control

Amy N. McCammond, MD

Exercise Physiology and Testing

Stephen Paridon, MD, FAAP, FACC

Including Practice Questions with Christina Ronai, MD, MSEd, FAAP, FAAC

Pulmonary Issues in Cardiac Patients

Stephen Paridon, MD, FAAP, FACC

Including Practice Questions with Christina Ronai, MD, MSEd, FAAP, FAAC

Session 9

Biostatistics Epidemiology and Research Design

Including Practice Questions Gary M. Weiner, MD, FAAP

Session 10

Rheumatic Heart Disease and Rheumatic Fever

Including Practice Questions Lloyd Y. Tani, MD

Pharmacology:

Anticoagulation and Coagulopathy

Amy N. McCammond, MD

Endocarditis and Kawasaki Disease

Lloyd Y. Tani, MD

Including Practice Questions with Christina Ronai, MD, MSEd, FAAP, FAAC

Session 11

Adult Congenital Heart Disease

Including Practice Questions

Anne Marie Valente, MD, FACC, FAHA, FASE

Genetics of Congenital Heart Disease

Lisa C.A. D'Alessandro, MD, FAAP, FRCPC

Including Practice Questions with Antonio G. Cabrera, MD, FAAP, FACC

Session 12

Genetics of Cardiomyopathies

Lisa C.A. D'Alessandro, MD, FAAP, FRCPC

Including Practice Questions with Antonio G. Cabrera, MD, FAAP, FACC

Diagnostic Cardiac Catheterization

Including Practice Questions
Laurie R. Armsby, MD, FAAP, FSCAI

Session 13

Interventional Cardiac Catheterization

Laurie R. Armsby, MD, FAAP, FSCAI

Including Practice Questions with Christina Ronai, MD, MSEd, FAAP, FAAC

Session 14

Fundamentals of Angiography

Including Practice Questions
Laurie R. Armsby, MD, FAAP, FSCAI

Hypertension

Elizabeth S. Yellen, MD

Including Practice Questions with Christina Ronai, MD, MSEd, FAAP, FAAC

Session 15

Dyslipidemia

Elizabeth S. Yellen, MD

Including Practice Questions with Christina Ronai, MD, MSEd, FAAP, FAAC

Management of Tachycardias

Including Practice Questions Frank J. Zimmerman, MD

Session 16

EP Studies and Intracardiac Recordings

Including Practice Questions Frank J. Zimmerman, MD

Antiarrhythmic Devices: Pediatric Pacemakers and ICDs

Including Practice Questions Frank J. Zimmerman, MD

Session 17

Surgery for Congenital Heart Disease

Carlos M. Mery, MD, MPH, FAAP

Including Practice Questions with *Antonio Cabrera*, MD, FAAP, FAC

Session 18

Pharmacology: Antiarrhythmic Drugs

Including Practice Questions Frank J. Zimmerman, MD

Syncope and Sudden Death

Including Practice Questions Frank J. Zimmerman, MD

Session 19

Pulmonary Hypertension

Including Practice Questions
D. Dunbar Ivy, MD, FAAP, FACC, FAHA

Myocarditis and Cardiomyopathies

Including Practice Questions Christopher S. Almond, MD, MPH

Session 20

Heart Failure

Including Practice Questions
Christopher S. Almond, MD, MPH

Pediatric Heart Transplantation

Christopher S. Almond, MD, MPH

Strategies for Taking the Pediatric Cardiology Board Exam

Christina Ronai, MD, MSEd, FAAP, FAAC, Antonio G, Cabrera, MD, FAAP, FACC

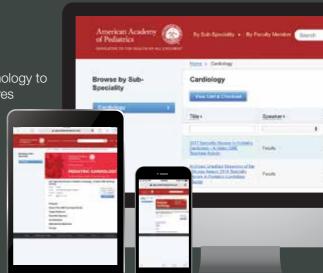
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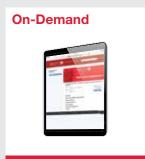
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