Y4 Cardiology - Pediatric

Course ID: MED 997BA
Discipline: Medical
Prerequisites: Year 4 Standing
Available Sites: Detroit (Ascension St. John Hospital), Saginaw
Duration: 4 weeks

Description

This elective will provide the medical student with exposure to commonly encountered diseases of the pediatric cardiovascular system and an opportunity to explore the subspecialty of Pediatric Cardiology.

Key Objectives

• Describe the incidence, prevalence of commonly encountered diseases of the pediatric cardiovascular system
• Describe treatments for common disease of the pediatric cardiovascular system
• Differentiate between minor and significant heart defects
• Understand the limitations of history and physical examination in the detection of cardiac disease
• Develop basis skills required in the diagnosis of pediatric cardiovascular disease, including thorough history and physical examination, EKG interpretation, and radiographic study interpretation
• Recognize abnormal heart sounds
• Recognize innocent pediatric heart murmurs
• Recognize life threatening cardiac diseases
• Describe and participate in the care of the following pediatric complaints:
  o Chest pain
  o Syncope
  o Palpitations
• List the indications for referral to a pediatric cardiologist
• Describe the indications and limitations of cardiac testing
  o 15 lead ECG
  o Rhythm strips
  o Ambulatory ECG monitoring
  o Event recording
  o Echocardiography
• Recognize ECG patterns of common arrhythmias
• Describe risk factors for the development of common pediatric cardiovascular diseases
• Describe the incidence, prevalence of commonly encountered diseases of the pediatric cardiovascular system
Assessment Method
College of Medicine standard elective assessment will be completed by supervising faculty at conclusion of elective clerkship.

Scheduling Information
Interested students should contact CMU College of Medicine Department of Distributed Clinical Education at CMEDDCE@cmich.edu.