

## **Elective Rotation in Pediatric Cardiology and Congenital Heart Disease**

**Rotation Director:** Dr. Joel Brenner

**Other Faculty:** Drs. P. Spevak, R. Ringel, J. Scheel, J. Crosson, R. Thompson, W. Ravekes, A. Murphy

**Rotation Hours:** Mon to Fri, 8 am to 5 pm; no weekends

### **Objectives and expectations on this rotation**

Through active participation and care of patients seen in clinic, and in consultation, it is expected that you will demonstrate:

- An understanding of the various common forms of congenital heart disease, the pathophysiology of these disorders, and corrective and palliative surgery for these conditions.
- Increased skills in the auscultation and other physical findings in congenital heart disease.
- The appropriate evaluation and management of adolescents and young adult patients with chest pain, exercise intolerance, syncope, hypertension, and those with high risk for adult coronary disease.
- An understanding of the longitudinal management of adolescents and adults with congenital heart disease, counseling for participation in athletics, work activities and issues related to reproduction.
- An appreciation for genetic risk in various forms of congenital heart disease

### **Learning activities**

- History and physical examination of patients with congenital heart disease.
- Observation of the performance and interpretation of echocardiography in congenital heart disease and other conditions in young patients.
- Discussion of interpretation and review of operative notes, hemodynamic data and angiography in patients with congenital heart disease.

### **Content and methods**

- The content is learned through active participation on the clinical service in JHOC, as well as some participation in ward rounds.
- Participation in the Monday 8am clinical conference, Tuesday 8:00 a.m. fellow's conference and Thursday 8:00 a.m. echo conference and Friday 7:30 a.m. Patient Management conference is expected.
- Outside reading of appropriate Pediatric Cardiology text chapters is strongly encouraged.

### **Supervision:**

The fellow will be supervised by one of the Pediatric Cardiology Attending physicians. This rotation does not involve invasive procedures for the Adult cardiology Fellow unless the cath lab director (Dr. Ringel) specifically approves this prior to the rotation.

**Evaluation Process:** fellows will be evaluated on rotation using a competency-based system in the online E-Value program. You will be evaluated by the Pediatric Cardiology Attendings regarding your clinical skills. The Attendings will evaluate what you do as you do it and provide immediate feedback through discussion. Specifically, you will be evaluated on the following:

- An understanding of the diagnosis, evaluation and management of patients with congenital heart disease and young patients with other cardiac concerns.
- You will be evaluated by the attending through your discussion of cases and care of patients.
- Ability in auscultation, and improvement during the rotation.
- Demonstration of the values of professionalism, including placing the needs of patients first, maintaining a commitment to scholarship, and helping colleagues (attendings will evaluate this throughout the course of the month)