

The pediatric resident should complete the following objectives by the end of a cardiology rotation. The rotation involves both ambulatory and inpatient consult service. An evaluation of resident performance will be performed at the end of the rotation based upon the following objectives.

### **MEDICAL EXPERT**

The resident should demonstrate knowledge of:

1. Identification of possible cardiac disease:
  - a. The specifics of history, age and mode of presentation, physical examination and common pediatric tests (CXR, EKG, pulse oximetry)
    - i. Screening before participating in sporting activities
2. Differentiating significant cardiac disease from no cardiac disease:
  - a. Innocent from pathologic murmurs
  - b. Cardiac versus non-cardiac syncope
  - c. Evaluation of the child with chest pain
3. Appropriateness, value and limitations of tests commonly ordered in children with suspected or known cardiac conditions according to presentation and (EKG, CXR, echocardiogram)
4. Basic hemodynamic and management principles for common cardiac malformations, genetic and acquired cardiac disease (cardiomyopathy, myocarditis, pericarditis, rheumatic fever, endocarditis)

### **COMMUNICATOR**

1. The resident should master the art of referral:
  - a. What, when, how, to whom.
2. Should demonstrate ability to communicate effectively with patients, families and other health professionals.
  - a. What to tell and what not to tell the patients and families. How not to set expectations that are beyond their ability to control.
    - i. What are the short and long-term implications of these attitudes

### **COLLABORATOR**

The resident should demonstrate:

1. The ability to work effectively with other members of the health care team.
2. The ability to practice cost-effective and evidence-based medicine.
  - a. Indications, limitations, benefits, costs and hazards of electrocardiogram, chest x-ray, echocardiogram and Holter monitoring and integrate the knowledge into the development of optimal referral skills.
  - b. The implications of asking for a consult and asking for an investigation

**HEALTH ADVOCATE**

The resident should demonstrate ability to identify and focus on health advocacy issues during patient care.

**SCHOLAR**

The resident should demonstrate initiative and intellectual curiosity including critical appraisal of the literature and education of patients, families and other health professionals.

**PROFESSIONAL**

1. The resident should demonstrate professional behavior, particularly around communication and collaboration (including in the process of referral).
2. The resident should demonstrate knowledge and practice of medical ethics. This includes respecting patient confidentiality and respecting individuality (awareness of race, gender and cultural differences).