



Entrustable Professional Activities

EPA 4 for Pediatric Cardiology

EPA 4: Diagnose, Initially Manage, and Refer Children with Advanced or End Stage Heart Failure and/or Pulmonary Hypertension to Experts for Medical Therapy, ECMO, Ventricular Assist Devices, and/or Cardiac Transplantation

Supervision Scale for This EPA

1. Trusted to observe only
2. Trusted to diagnose and manage with direct supervision and coaching
3. Trusted to diagnose and manage with indirect supervision for stable cases but may require direct supervision for patients with acute exacerbation or acute instability
4. Trusted to execute with indirect supervision for most cases but may require discussion for select cases or at critical points in care
5. Trusted to diagnose and manage without supervision

Description of the Activity

Upon completion of a general pediatric cardiology fellowship, the individual must be familiar with the latest and most effective pharmacologic and surgical treatments for children with advanced heart failure and/or pulmonary hypertension.

The specific functions which define this EPA include:

1. Performing a comprehensive evaluation for the etiologies of heart failure and pulmonary hypertension, including clinical and laboratory assessment and noninvasive, invasive, and genetic testing
2. Demonstrating expertise in the interpretation of hemodynamic testing and the implications for therapeutic intervention
3. Initiating targeted treatment for heart failure and for pulmonary hypertension
4. Knowing when to refer patients with disease refractory to medical therapy to heart failure or pulmonary hypertension experts for advanced therapies, including ECMO, assist devices, and heart and/or lung transplantation
5. Counseling patient and families regarding prognosis and treatment options
6. Coordinating multidisciplinary care with other subspecialties, such as neonatal or critical care, cardiothoracic surgery, genetics, respiratory care, nursing, social work, and child life
7. Participating in the cardiac care of a patient before, during, and after transplantation

Judicious Mapping to Domains of Competence

- ✓ Patient Care
- ✓ Medical Knowledge



Entrustable Professional Activities

EPA 4 for Pediatric Cardiology

- ✓ Practice-Based Learning and Improvement
- ✓ Interpersonal and Communication Skills
Professionalism
- ✓ Systems-Based Practice
Personal and Professional Development

Competencies Within Each Domain Critical to Entrustment Decisions*

PC 4:	Interviewing patients
MK 1:	Demonstrating knowledge
PBLI 6:	Practicing EBM
ICS 2:	Demonstrating insight into emotion
SBP 2:	Coordinating care
SBP 5:	Working in interprofessional teams

**Based on original Pediatrics Subspecialty Milestones ©2015 ACGME/ABP. All rights reserved.*

Context for the EPA

Rationale: The diagnosis and initial management of infants and children with pulmonary hypertension or heart failure is essential for pediatric cardiology fellowship education. Trainees will be expected to diagnose, initially manage, and refer children with AHF or ESHF and/or PH to experts for medical therapy, ECMO, ventricular assist device, and/or cardiac transplantation.

Scope of Practice: Care of all patients with known or suspected cardiac problems that would generally be seen by a general pediatric cardiologist and referred for expertise in AHF, ESHF, and PH as the disease processes advances

Setting: Diagnosis and management in the following settings: general inpatient, intensive care units, and outpatient areas. Consultation may be both routine and acute/emergent.

Patient Population: Infant, child, adolescent, and young adult.