



# PEDIATRIC ANESTHESIA

FOUNDATIONS OF DISCIPLINE

Rotation Reviewed: October 2017

## The Basics

---

Faculty Contact: Dr. Melinda Fleming  
[flemingm@kkgh.kari.net](mailto:flemingm@kkgh.kari.net)

Supervisor: Anesthesiologist in Pediatric OR based on call schedule

Admin Assistant: \*Kim Asselstine: [asselstk@kgh.kari.net](mailto:asselstk@kgh.kari.net) ext 2482  
Saulina Almeida: [almeidas@kgh.kari.net](mailto:almeidas@kgh.kari.net) ext 7827

You should contact Dr. Fleming and Kim Asselstine prior to the rotation and ensure that they are aware of all your post-call days and to get a schedule for the rotation.

## Background

---

This pediatrics experience occurs in the **Foundations** stage of Pediatric resident training.

The goals of the rotation are to provide the resident with opportunities to participate in pre-operative assessment of patients, gain experience with airway management and vascular access as they relate to anesthesia, learn the pharmacology of the common sedatives, analgesics, and anesthetics used in the pediatric patients, and gain an understanding of what patients and parents experience when coming to the hospital for an anesthetic/procedure.

Residents will participate in care of pediatric patients from pre-op assessment to post-operative care.

### Knowledge and Skills Addressed

#### Preoperative Assessment

1. Pre-procedure optimization of patient
2. Fasting Guidelines
3. Conditions warranting cancellation of procedure

#### Consent

#### Management in OR

1. Monitoring
2. IV insertion
3. Fluid management
4. Medications
5. Airway management (BMV, oral/nasal airways, LMA, ETT intubation)

#### Postoperative Assessment

1. Pain management
2. Complications
3. Disposition
4. Monitoring

## Requirements and Expectations

---

You should identify your own learning objectives at the start of each clinic. Identify these goals to the staff you are working with so that they can give you feedback in-line with your objectives. Collect an Anesthesia Encounter Card for each clinical experience.

**Ideally, you will obtain an encounter card for each day; however, a minimum of 6 encounter cards are required for this block.**

Working on your own personal learning goals during these clinical experiences will help ensure that you develop your foundational pediatric knowledge.

### Assessments

During the first-year rotations, residents will be expected to complete several Entrustable Professional Activities (EPAs). These EPAs represent the typical work undertaken by the resident each day and capture many important CanMEDS competencies inherent in each activity.

You also should identify your own learning objectives at the start of each week. Relay these goals to the staff you are working with so that they can give you feedback in-line with your objectives. Working on your own personal learning goals during these clinical experiences will help ensure that you develop your foundational pediatric knowledge.

With respect to assessments, the program requires *a minimum* for successful completion of the block:

1. Two supervisor forms or field notes per week.

At the end of the rotation, encounter cards, supervisor forms, and field notes will be collated into a Periodic Performance Assessment (PPA) by the rotation supervisor.

## EPAs encountered on Pediatric Anesthesia rotation

---

\*Note that these EPAs can also be achieved in other clinical settings. You do not have to achieve these EPAs during this block as there will be other opportunities. These EPAs are highlighted here as they are ones that are assessable in this clinical training environment.

EPA	
<b>F6:</b>	Recognizing deteriorating or unstable patient and initiate stabilization and management
<b>F7:</b>	Diagnostic and management procedures for pediatric patients