



Pediatrics Objectives

Knowledge	Tool	Criteria
Demonstrate knowledge of the following, in pediatric patients of various ages: a. Breathing systems b. Premedicants c. Cardiac and respiratory physiology d. Perioperative heat gain/loss e. Pharmacodynamic and pharmacokinetic differences between pediatric and adult patients; particular emphasis on inhalation agents and muscle relaxants f. Anatomic and physiologic differences in pediatric vs. adult airway	a. Multiple choice exam b. Oral exam (both at conclusion of rotation)	a. Score $\geq 80\%$ b. Satisfactory score
Knowledge of perioperative considerations for common pediatric conditions and procedures, including but not limited to: a. T&A b. Strabismus Sx c. Preoperative Heart Murmur d. Child with runny nose e. VSD for Noncardiac Sx	Discussion with faculty in oral board type format	Passing score (tool developed, study in progress) To the satisfaction of the supervising attending
Knowledge of anatomy, technique, and local anesthetics for caudal, penile, and hernia block	Discussion with faculty in oral board type format	Passing score (tool developed, study in progress)

Patient Care	Tool	Criteria
Perform thorough preoperative evaluations in pediatric patients	Chart Stimulated Recall (CSR)	10 cases
Formulate and implement anesthetic plans on the above patients, with emphasis on premedication/induction, airway plan, and preemptive analgesia/postoperative pain management	Evaluation of Live Performance	As above
Demonstrate judicious and appropriate fluid management in pediatric patients	Evaluation of Live Performance	10 cases, independently
Accomplish complete pediatric OR set-up	Evaluation of Live Performance utilizing checklist (CL)	100% accuracy, independently after first week of rotation, five random checks
Manage the routine pediatric airway; includes proper equipment, mask ventilation, LMA insertion and intubation	a. Equipment checklist (as above, in part) b. Evaluation of Live	a. 100% accuracy, independently after first week of rotation

	Performance (ELP)	b. 5 cases each of mask ventilation, intubation, and LMA insertion; to the satisfaction of the attending
Demonstrate increasing proficiency in placing pediatric IV's for routine surgery	Evaluation of Live Performance	50% accuracy in second half of rotation
Demonstrate increasing skill in pediatric regional	Evaluation of Live Performance	5 cases

Professionalism	Tool	Criteria
Routinely discuss cases with faculty the day before assigned cases	Monthly Global Evaluation	Satisfactory rating or greater
Complete reading assignments/be prepared for pediatric conference	Monthly Global Evaluation	Satisfactory rating or greater

Interpersonal and Communication Skills	Tool	Criteria
Obtain informed consents, effectively communicating risk/benefit of anesthetic plan to parents and to children when appropriate	ELP	To the satisfaction of the supervising attending, five cases
Coordination of care with surgical team	ELP/Monthly Global Evaluation	To the satisfaction of the supervising attending
Accomplish complete turn-over of patient care to PACU/ICU staff	ELP	To the satisfaction of the supervising attending; five cases, at least one of which must be to ICU staff

Evidence Based Learning and Improvement	Tool	Criteria
Application of current literature to knowledge and patient care issues (above)	PBL/Case Conference Evaluation Form	Satisfactory rating
Active participation in Case Conference, Pediatric Conference, and Journal Club	PBL/Case Conference/JC Evaluation Form	Satisfactory rating
Thorough literature review when presenting at assigned Pediatric Conference	PBL/Case Conference/JC Evaluation Form	Satisfactory rating