

Anesthesiology Rotation Goals and Objectives

Goal 1: Airway Management

Objective	Primary Competency Domain	Teaching Method	Evaluation Method
<ol style="list-style-type: none"> 1. Be able to recognize by history and physical examination a potentially difficult airway. 2. Learn to establish and maintain an airway with a facemask. 3. Recognize an obstructed airway and be able to relieve the obstruction. 4. Understand the indications for placement of oral and nasal airways and their techniques of insertion, including the selection of proper sizes 5. Be able to select the appropriate style and size of laryngoscope blade and endotracheal tube. 6. Learn the anatomic differences between the pediatric and young adult airways and how these differences affect the choice of intubation equipment and endotracheal tubes. 7. Acquire a working knowledge of the induction agents, muscle relaxants and pharmacologic adjuvants required to establish and maintain an airway, including their indications, contraindications, doses and durations of action. 8. Complete at least 20 successful intubations. 9. Understand methods for determining the correct depth of endotracheal tube placement. 10. Know the signs of an esophageal and bronchial intubation and how to manage them. 11. Master the concept of rapid sequence intubation. 12. Become familiar with laryngeal mask airways. 13. Learn the proper uses and limitations of pulse oximetry and capnography. 	PC, MK, PBL	Clinical Encounters Assigned reading Lectures PALS	Electronic Evaluation Direct Observation Documented Procedure Competency

ACGME Competencies:

1

PC = Patient Care MK = Medical Knowledge PBL = Practice-Based Learning and Improvement
 ICS = Interpersonal and communication Skills PL = Professionalism SBP = Systems-Based Practice

Goal 2: Intravenous Access

Objective	Primary Competency Domain	Teaching Method	Evaluation Method
<ol style="list-style-type: none"> 1. Demonstrate proficiency in obtaining peripheral intravenous access in a variety of patients. Including explaining procedure to child and family. (Complete at least 10 successful IV's) 2. Understand when central venous access is indicated and the advantages and disadvantages of the various methods. 	PC, MK, PBL, PL, ICS	Clinical Encounters Assigned reading Lectures PALS	Electronic Evaluation Direct Observation Documented Procedure Competency

Goal 3: Anesthesiology

Objective	Primary Competency Domain	Teaching Method	Evaluation Method
<ol style="list-style-type: none"> 1. Learn how to interpret an anesthesia record. 2. Recognize patients and procedures best attended by a pediatric anesthesiologist versus those appropriate for a well-trained general anesthesiologist 3. Understand patient issues and conditions which may affect the scheduling or anesthetic management of an operation. 4. Learn the NPO guidelines for CHRCO and the justification behind them. 	PC, MK, PBL, SBP, PL, ICS	Clinical Encounters Assigned reading Lectures Hospital Rules and Regs.	Electronic Evaluation Direct Observation Documented Procedure Competency

Goal 4: Sedation and Analgesia

Objective	Primary Competency Domain	Teaching Method	Evaluation Method
<ol style="list-style-type: none"> 1. Understand CHRCO's sedation policy, including the requirements for monitoring and personnel, the NPO requirements. 	PC, MK,	Clinical Encounters	Electronic Evaluation

ACGME Competencies:

2

PC = Patient Care MK = Medical Knowledge PBL = Practice-Based Learning and Improvement
 ICS = Interpersonal and communication Skills PL = Professionalism SBP = Systems-Based Practice

<ol style="list-style-type: none"> 2. Learn the classes of drugs appropriate for sedation. 3. Recognize the value in a titrated approach to sedation versus all-at-once, predetermined doses. 4. Attain knowledge regarding the various intraoperative and postoperative forms of regional anesthesia and pain management modalities. 	PBL, SBP	Assigned reading Lectures Hospital Rules and Regs.	Direct Observation Sedation Certification Exam
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Goal 5: Introduction to Advances Topics

Objective	Primary Competency Domain	Teaching Method	Evaluation Method
<ol style="list-style-type: none"> 1. Understand the impact of anemia with regards to anesthesia 2. Understand the impact of asthma with regards to anesthesia 3. Understands the special needs of neurologic patients with regards to anesthesia. 4. Learn about perioperative fluid therapy 5. Understand the impact of prematurity with regards to the operating room. 	PC, MK, PBL, SBP	Clinical Encounters Assigned reading Lectures	Electronic Evaluation Direct Observation

ACGME Competencies: