

PGY-1 Anesthesiology Training Objectives

Patient Care

The PGY-1 Resident on the Anesthesiology Service should demonstrate the ability to:

- Evaluate preoperative patients for IV sedation or general anesthesia.
- Assess a patient's ability to tolerate anesthesia/surgical stress.
- Classify the physical status of patients.
- Use monitoring systems to continually evaluate patients' vital signs (cardiac monitoring, blood gases, ventilators, etc.).
- Perform CPR and advanced cardiac life support procedures.
- Develop technical skills in airway control, endotracheal intubation, intravenous techniques, continuous intravenous drug therapy.
- Gain knowledge in drug pharmacology, pharmacodynamics, interactions and specific effects of anesthetic agents on patients.
- Gain knowledge in the prevention of anesthetic emergencies.
- Assist in supervision of patient recovery from anesthesia.
- Knowledge of rapid sequence induction as well as standard induction and intubation techniques.
- Evaluate laboratory data as it specifically relates to the anesthesia/surgical patient.
- Interpret chest x-rays for anesthesia purposes.
- Review of basis pulmonary and cardiovascular physiology in dynamic situations.

Medical Knowledge

The PGY-1 Resident should understand:

- Basic science principles (ex: metabolism, wound healing, electrolyte imbalances).
- ACLS protocols (ex: management of atrial fibrillation).
- General Surgery principles (ex: acute abdomen).
- Trauma Surgery principles (ex: basic resuscitation and airway management).
- The indications and contra-indications for the placement of central venous lines.

Practice Based Learning and Improvement

The PGY-1 Resident should demonstrate the ability to:

- Evaluate published literature in critically acclaimed journals and texts.
- Apply clinical trials data to patient management.
- Participate in academic and clinical discussions.
- Teach medical students and physician assistant students.
- Regularly attend teaching conferences.

Interpersonal and Communication Skills

The PGY-1 Resident should:

- Interact with Patients/Family Members.
- Interact with Nursing Staff.
- Interact with Patient Resource Manager.
- Interact with Attendings.
- Interact with Senior Housestaff.
- Demonstrate behaviors that reflect an ongoing commitment to continuous professional development, ethical practice, sensitivity to diversity and responsible attitudes.

Professionalism

The PGY-1 Resident should:

- Be receptive to feedback on performance.
- Be attentive to ethical issues.
- Be involved in end-of-life discussions and decisions.
- Be sensitive to gender, age, race, and cultural issues.
- Demonstrate leadership.

Systems Based Practice

The PGY-1 Resident should:

- Be aware of cost-effective care issues.
- Be sensitive to medical-legal issues.
- Have information technology/computer resources available.