

## **Intensive Care Unit – PGY-1**

**Goal:** Develop the basic knowledge, skills and conceptual framework required to manage life threatening acute illnesses and care for critically ill patients in a safe, effective, and compassionate way.

### **Objectives:**

#### **Patient Care**

- I. Provide medical care for acutely ill patients in the intensive care unit**
  1. Perform a complete history & physical examination, including gathering needed data and ordering appropriate diagnostic testing.
  2. Recognize that a patient is critically ill when consulted by other medical services.
  3. Identify and list the different medical services that are be required by critically ill patients.
  4. Identify patients who would benefit from mechanical ventilation and begin ventilator management.
  5. Identify patients for whom end-of-life discussions are appropriate and begin to lead these discussions and if appropriate begin palliative care.
- II. Perform common critical care procedures under the supervision of an attending physician or senior resident**
  1. Counsel patients on the indications, risks, benefits and alternatives of procedures.
  2. Obtain informed consent for needed procedures.
  3. Interpret results from procedures performed.
  4. Clearly document procedures performed.
- III. Coordinate care with consultants**

#### **Medical Knowledge**

1. Interpret information from multiple sources, including the patient, family, and other health professionals as well as laboratory data and diagnostic testing to determine whether a patient needs acute care in an intensive care unit.
2. Anticipate potential outcomes (expected and unexpected) of common critical medical illnesses.
3. Demonstrate appropriate evaluation of a patient's volume status using laboratory data and physical exam findings.
4. Demonstrate correct interpretation of arterial blood gases.
5. Demonstrate correct interpretation of ventilator wave forms.

#### **Interpersonal and Communication Skills**

1. Present each patient's history, physical examination, relevant laboratory data and management plan to the attending physician and/or senior resident in a clear, concise, and organized manner.
2. Communicate information to patients and patients' families with attention to privacy concerns and healthcare literacy.
3. Communicate with all members of the ICU team (nursing staff, pharmacists, consultants, nutritionist, case managers) respectfully and in a timely fashion.
4. Write complete, accurate, well-organized notes that reflect a synthesis of relevant information from multiple sources in a timely manner.
5. Obtain end of life wishes for each patient cared for by the resident in the hospital.
6. Participate in end-of-life discussion with patients as the need arises.
7. Participate in safe and effective patient-handoffs and transitions of care.

### **Professionalism**

1. Protect patient privacy in the clinic and hospital.
2. Recognize the complexities of privacy issues specific to critical care.
3. Demonstrate cultural sensitivity in providing care to patients and working with other members of the healthcare team.
4. Demonstrate punctuality and timeliness in daily work habits and completion of tasks.
5. Demonstrate emotional maturity, including respectful communication with patients and other members of the healthcare team.
6. Maintain a professional appearance.
7. Complete written and electronic documentation of patient encounters on time.

### **System-Based Practice**

1. Learn to efficiently obtain necessary information from other healthcare teams regarding a patient's pre-ICU care.
2. Participate in safe, high quality patient transfers.
3. Identify the resources available to physicians and patients in the ICU.
4. Identify quality improvement priorities and strategies in the ICU.

### **Practice Based Learning and Improvement**

1. Apply evidence-based practices and guidelines to the care of critically ill patients.
2. Utilize evidence-based resources to investigate clinical questions that arise when caring for patients in the intensive care unit.
3. Identify areas for further learning and improvement based on feedback and self-assessment.
4. Demonstrate an attitude of self-improvement by seeking out and being receptive to feedback.