

## **Critical Care/Intensive Care Unit Experience**

### **Internal Medicine**

**INM.M100**

**INM.S100**

**Course Duration:** 4 weeks

**Enrollment Maximum:** 2 students

**Prerequisites:** Successful completion of third year clerkships

**Macon Course Director:** Doug Farman, MD/ Bill Terry, MD

**Savannah Course Director:** James Ramage, MD / Stephen Morris, MD

**Macon Campus –** Brittney Grant 478-301-5850

**Savannah Contact:** Genie Faircloth, RN 912-350-4750

**Course Goal:** To provide fourth year medical students an understanding of the unique aspects of critical care medicine provided in the intensive care unit setting and provide an opportunity for learning about critical care medicine through active participation in patient care in the intensive care unit setting.

**General Description:** The student will spend 4 weeks participating in the care of patients with the intensive care unit team. Students will evaluate patients, construct detailed care notes, develop comprehensive potential treatment plans, communicate with other members of the interdisciplinary care team, and discuss care plans with attending physicians on a daily basis. Each student will be expected to longitudinally follow assigned patients as well as participate in the care of other patients on the team as requested. Students will be involved with and/or aware of the unique psychosocial and ethical issues that critical illness creates for their patients and their patients' families. Students may participate in procedural training under the direct supervision of the faculty when appropriate.

Faculty will provide teaching through informal bedside discussion, patient care rounds, and more formal sessions. Subjects will include pathophysiology of critical illness, diagnostics, therapeutics, differential diagnosis, acute care topics, ethical issues, nutrition, and other patient management topics germane to critical care medicine.

#### **Objectives:**

After this rotation, students will be able to:

1. Outline the indications and criteria for admission to and transfer from an intensive care unit
2. Actively and appropriately participate in the care of critically ill patients in an ICU setting that emphasizes a multidisciplinary team approach to patient care and values the contribution of all those participating in care of the patient.
3. Manage ICU patient airways appropriately and provide adequate respiratory support
4. Recognize and treat life-threatening conditions common in the ICU setting.
5. Provide appropriate fluid and electrolyte therapy for the critically ill ICU patient.

**INM ICU Objectives (Cont'd)**

6. Provide appropriate nutritional support for the critically ill ICU patient.
7. Recognize and treat hemodynamic instability in the critically ill ICU patient.
8. Recognize the psychological aspects of critical care and critical illness on ICU patients and their families and tailor the care they provide appropriately.
9. Summarize the most common ethical issues involved in critical care medicine including patient autonomy, consent, end of life care, and withdrawal of care.
10. Participate appropriately in patient procedures performed in the intensive care setting under the direct supervision of the teaching faculty.
11. Accurately explain the pathophysiology associated with conditions and problems of patients commonly encountered in the intensive care unit.

**Duty hours:** 8-4:30, Monday – Friday (subject to change depending on patient load, acuity, and other obligations of the attending and team)

**Call:** None required – available if requested by student

**Expectations:** Report on time. Be available for rounds, admissions, procedures throughout the day.

- Write a daily detailed progress note on each assigned patient.
- Present patients to attending and team.
- Attend didactic sessions.
- Complete assigned readings.

**Assessments:** Pre and post test  
Ventilator management test

### **Appendix A: Critical Care Medicine Procedure List**

Students may have the opportunity to perform the following procedures under faculty supervision. Procedure availability will highly dependent on patient load, pathology, and team composition.

- Central venous catheter placement
- Endotracheal intubations
- Arterial blood gas specimen collection
- Enteral feeding tube placement
- Arterial catheter placement
- Mechanical ventilator management
- Total parenteral nutrition management
- Thoracentesis
- Paracentesis