

## **Pediatric Critical Care/ Intensive Care**

**PICU.M300**

**PICU.S300**

**Duration:** 4 weeks

**Enrollment:** 1 student

**Prerequisite:** Successful completion of required third year clerkship

**Course Director:** Macon - Lowell C. Clark, M.D., Steve Williams, M.D., Umesh Narsinghani, M.D. MCCG – Children’s Hospital, Macon, Georgia. Contact – Dr. Lowell Clark 478-633-1633

Savannah - Thomas W. McKee, M.D. and Mary Carol Lytle, MD - PICU, 2<sup>nd</sup> Floor Main Hospital, Savannah GA. Contact – Melissa Goodman 912-350-7847

**Course Goal:** This elective is designed to advance the student’s knowledge, experience, and skills in the care of the critically ill child. Emphasis will be placed on pathophysiology and management of common pediatric intensive care problems including acute respiratory failure, sepsis, poisoning, and trauma. Principles of monitoring will be stressed. The student will work directly at bedside with the preceptor and have the opportunity, where appropriate, to gain experience in invasive procedures. The student will make daily rounds and function as an extern. Major topics to be covered include: Fluid and electrolytes, closed head injury, seizures, respiratory distress/arrest, shock (Cardiogenic and non-cardiogenic), renal physiology, and sepsis.

### **Objectives:**

1. To advance the student’s knowledge of the general principles of pediatric intensive care
2. To provide introductory experience in the procedures of intensive care medicine
3. **Macon** - To provide the student with expanded and refined technical skills as applied in the PICU.
4. **Savannah** - To provide the student with an introductory experience in the evaluation and management of Critically ill children.

### **Evaluation:**

Subjective evaluation will be completed on the student by the assigned faculty and residents. Evaluation will cover the student’s participation, clinical ability to formulate and apply treatment plans, enthusiasm, and attendance.