



**Educational Goals and Objectives for Rotations on:
Medical Intensive Care Unit (Braselton)**

Educational Goals and Objectives:

Internal Medicine Residents will train on MICU inpatient rotation to:

- Demonstrate progressive ability to acutely manage the critically ill patient
- Upon graduation, be able to care for a critically ill patient for at least 24 hours

Patient Care and Procedural Skills:

PGY-3:

- Demonstrates the ability to obtain and document an accurate and complete non-judgmental history from patient and/or caretaker.
- Performs accurate and complete physical exam, including patients with altered consciousness.
- Reliably recognizes critical illness and can independently initiate emergent and ongoing management strategies with minimal faculty input.
- Writes progress notes that identify important data and demonstrate thoughtful problem-based assessment and plan.

Procedural Skills:

PGY-3

- Masters the cognitive, counseling and technical skills for:
 - Central line placement in Internal Jugular, Subclavian, and Femoral
 - Lumbar puncture
 - Arterial line placement
 - Nasogastric tube placement.
 - ACLS
 - Ventilator management
 - Endotracheal intubation
 - Thoracentesis
- Interprets:
 - Echo for pericardial effusion, left ventricular dysfunction, IVC variability to assess volume status
 - CT of chest, abdomen, pelvis and head for abnormality
 - Blood Gasses
 - Spinal Tap for evidence of meningitis
 - Pleural Fluid for evidence of complicated effusion and or empyema
 - Bronchoalveolar (BAL) sample differential
 - Lung Biopsy
 - Chest Tube in complicated lung infections



Medical Knowledge:

PGY- 3

- Applies relevant clinical and basic science knowledge in the following common critical care conditions:
 - Acute respiratory failure secondary to obstructive lung disease, pulmonary infections,
 - including tuberculosis and bacterial pneumonia, acute lung injury and ARDS, occupational
 - and environmental lung disease, and iatrogenic respiratory diseases
 - Acute and severe organ failure, including renal, hepatic and coagulation failure
 - Sepsis, septic shock and multi-organ failure.
 - Severe electrolyte and endocrine disturbances/emergencies
 - Drug and alcohol overdose.
 - Severe gastrointestinal hemorrhage, upper and lower tract
 - Complications of HIV infection
- Demonstrates a progression in content knowledge and analytical thinking with well formulated differential diagnoses and management plans.

Practice-Based Learning and Improvement:

PGY-3:

- Seeks and accepts feedback from team about patient care, organization and presentations.
- Understands EBM principles, and utilizes relevant research to support decision-making and teaching of junior team members.
- Appropriately integrates EBM with expert opinions and professional judgment.
- Ability to accurately self-assess skills and performance
- Identifies knowledge deficiencies and seeks to correct them.

Interpersonal and Communication Skills:

PGY3:

- Effectively establishes rapport with patients and families.
- Able to deal with the most challenging patients and families with minimal direction.
- Provides timely and thorough electronic documentation of patient care.
- Effectively carries out difficult discussions, such as sensitive topic discussions with moderate faculty input.
- Coordinates team communication to optimize patient care.
- Functions as an effective team leader with decreasing reliance on attending.

Professionalism:

PGY 3:

- Demonstrates integrity, respect for others, honesty, and compassion.
- Strives for patient care and knowledge excellence.
- Reliably identifies and accomplishes necessary tasks.
- Sets a tone of respect and collegiality for the team.
- Acts as role model for patient care and professional behavior.



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Systems-Based Practice:

PGY 3:

- Utilizes the multidisciplinary resources necessary to care optimally for patients.
- Effectively collaborates with other members of the health care team to ensure comprehensive care for patients with medical illness, including residents at all levels, medical students, nurses, clinical pharmacists, occupational therapists, physical therapists, nutrition specialists, patient educators, speech pathologists, respiratory therapists, social workers, case managers, discharge planners, and providers of home health services
- Uses cost-conscious strategies in the diagnostic, treatment, and care of patients.

Evaluations for this rotation include:

- End of Rotation Competency Assessment
- Procedure Logs
- End of Rotation Quiz