



Emergency Medicine Curriculum
NGMC- Family Medicine Residency Program
Gainesville, Ga

PGY: 2

Description of Rotation:

This is a four-week block Emergency Medicine. A Resident will be doing shift work in the Emergency Room responding to traditional emergency room patients, assisting with trauma patients, and those in the fast track ER.

Overall Goal of Emergency Medicine Rotation (PGY-2):

As a PGY-2, the resident will further their skills in triage of patients requiring differential levels of attention/care, perform initial stabilization measures, and communication with specialists/admitting physicians when necessary for patient care, and provide ongoing care until the patient is slated for admission or transferred from the Emergency Department.

Patient Care Objectives and Competencies

Residents must demonstrate ability to:

- Recognize and assess emergent patients, such as those in respiratory failure or shock (**PC-1**);
- Perform the primary survey (ABCs) for all patients in an efficient manner;
- Assist in evaluating and stabilizing trauma patients (**PC-4**);
- Establish and manage the airways of patients, recognizing the need for assistance with ventilation and/or oxygenation (**PC-4**);
- Demonstrate understanding of proper airway positioning and suctioning, administration of supplemental oxygen, bag-valve-mask ventilation, management of nasal and oral airways, endotracheal intubation, rapid sequence induction, mechanical ventilation, oro- and nasogastric tube placement, and C-spine immobilization to protect the airway in a head trauma patient (**PC-5**).
- Manage fluid and pressure therapy in the initial resuscitation of patients in distributive, hypovolemic, and cardiogenic shock (**PC-5**);
- Demonstrate proficiency at cardiopulmonary resuscitation by: directing resuscitation efforts in mock codes and in actual emergency situations, and using resuscitation drugs (**PC-5**)

Medical Knowledge Objectives and Competencies

Residents must demonstrate:

- Formulate a differential diagnosis quickly, especially with respect to conditions that may need respiratory or cardiovascular support or an immediate intervention (e.g. tension pneumothorax, increased intracranial pressure, cardiac tamponade, tracheostomy care, poisoning/toxicants); (**MK-2**)
- Differentiate between cardiogenic, distributive, and hypovolemic shock;
- Differentiate between respiratory distress and failure;



- Explain indications and describe technique for and complications of nasotracheal intubation, needle thoracotomy, emergency cricothyroidotomy, trans-tracheal ventilation and laryngeal mask airway;
- Explain indications and describe technique for central venous access and arterial access;
- Provide initial stabilization and/or treatment for critically ill patients.

Systems Based Practice Objectives and Competencies

Residents must demonstrate:

- Demonstrate appropriate utilization of health services and professionals within the Emergency Departments while advocating for patient interests. (examples include: consulting specialist physicians, requesting admission for patients, physical therapists, surgeons, and nuclear medicine specialists) **(SBP-1)**
- Adhere to standardized protocols for transfers of care, inside and outside Northeast Georgia Medical Center.
- Develop a systematic approach to utilize available imaging techniques and laboratory tests to work-up patients with various clinical findings. **(SBP-1)**
- Advocate for families who need assistance to deal with system complexities, such as lack of insurance, multiple appointments, transportation, and language barriers. **(SBP-3)**
- Take steps to avoid medical errors by recognizing the limits of one's knowledge and expertise; work with the health care team to recognize and address systems errors. **(SBP-2)**

Practice Based Learning and Improvement Objectives and Competencies

Residents must demonstrate:

- Demonstrate ability to incorporate feedback into clinical/academic performance changes. **(PBLI-2)**
- Self-identify areas of knowledge that requiring additional practice/experience during the Emergency Medicine Experience. **(PBLI-1)**
- Acknowledge errors when committed and demonstrate ability to analyze how to avoid future similar mistakes. **(PBLI-1)**

Professionalism Objectives and Competencies

Residents must:

- Demonstrate ethical behavior, respect, compassion, integrity, and honesty in all patient/staff interactions. Be sensitive to diversity. **(PROF-3)**
- Demonstrate recognition of personal biases in caring for patients of diverse populations and different backgrounds and how these biases may affect care and decision-making. **(PROF-3)**
- Demonstrate punctuality and reliability always. **(PROF-2)**
- Maintain a professional appearance always. **(PROF-2)**
- Identify and describe potential ethical dilemmas that one may encounter in the ED (e.g., such as resuscitation of



patients with little hope of recovery; treatment of disabled patients; providing confidential care to mature minors [pregnancy termination, STDs, substance abuse]; foregoing life-sustaining treatment; identifying and referring organ donors).

- Discuss key principles and identify resources for information about legal issues of importance to practice in the ED (e.g., emergency care for indigent patients; laws regarding inter-hospital patient transfer; consent-to-treat issues in the emergency treatment of minors; rights of parents to refuse treatment and legal options of providers; reporting of child abuse and neglect; death reports; and obligations of physicians in the ED to facilitate follow-up care).

Communication Objectives and Competencies

Residents must demonstrate the ability to:

- Provide effective patient education, including reassurance, for condition(s) commonly seen in the Emergency Departments. **(C-1)**
- Manage communication with consultants to the Hospital Medicine Service and integrate recommendations from specialist consultants into the diagnostic and/or therapeutic plan. **(C-3)**
- Utilize appropriately available interpreters to communicate effectively with families who speak another language. **(C-2)**
- Demonstrate respect for psychosocial aspects of patient care during the decision-making process.
- Present patient cases in an organized, clear, and appropriately thorough manner to attending physicians or consulted specialists.
- Communicate respectfully with physicians and other health professionals while sharing knowledge and discussing management of patients. **(C-3)**
- Maintain professional and appropriate personal interaction with patients.
- Demonstrate the use of effective listening and verbal skills to communicate with patients and members of the health care team.
- Demonstrate the use of organized/effective writing skills to communicate clearly and succinctly with physicians and other health professionals via the electronic health record or patient chart. **(C-4)**
- Demonstrate effective strategies for teaching students, colleagues, other professionals and laypersons. **(C-3)**