Emergency Medicine

Goals
During this rotation, PGY 1 residents will gain the knowledge and develop the skills to evaluate, diagnose and manage common emergent / urgent disorders seen in the emergency department. PGY 1 residents will complete 1 block rotation on Emergency Medicine.

Objectives

Patient Care:
1. Residents will develop the skills to evaluate and manage common emergent / urgent disorders seen in the emergency department.
2. Achieve competence in the triage of emergency / urgent care patients, both under ordinary and disaster circumstances.
3. Obtain complete histories, interpret vital signs, perform appropriate physical examinations, develop a differential diagnosis and effectively medically manage patients.
4. Achieve competence in the diagnosis and management of acute trauma, including lacerations, head and neck injuries and sprains and fractures.
5. Demonstrate the skills to rapidly assess, resuscitate and stabilize a critically ill or injured patient in the Emergency Department.
6. Acquire the skills to perform appropriate procedures under supervision of attending and independently, including the knowledge of indications, potential adverse effects, and interpretation of resultant findings for EKG interpretation, common radiographs, apply the principles of: ACLS, BLS, paracentesis, thoracentesis, lumbar puncture, intubation, bladder catheterization, joint aspiration and injection, abscess incision and drainage, laceration repair, wound debridement, foreign body removal, fracture reduction, dislocation reduction, splinting and casting, toenail removal and central line placement.

Medical Knowledge:
1. Residents will gain the knowledge to evaluate, diagnose and manage common emergent/urgent disorders seen in the emergency department.
2. Recognize and manage medical and surgical problems of a mild to moderate severity using appropriate specialty consultation when necessary and working with allied professionals in the management of these problems.
3. Identify the psychosocial needs of patients and families in the emergency room setting.
4. Understand the differential diagnosis, diagnostic approach (including history, physical exam, laboratory and imaging assessments, and clinical reasoning) and management of patients with common diagnosis including coma and altered states of consciousness, drug overdose and acute
intoxication, myocardial ischemia and infarction, hypertensive emergencies and urgencies, shock, sepsis, syncope, CHF and acute pulmonary edema, asthma and COPD exacerbation, fever, seizure, pulmonary embolism, poisonings, environmental injuries, acute GI bleeding, headache, stroke and community-acquired pneumonia

5 Recognize, initially manage and understand criteria for referral for common behavioral and surgical problems of adults, including psychosis, mania, alcohol and drug intoxication and withdrawal, acute abdomen, fractures, trauma and wounds.

**Interpersonal and Communication Skills:**

1. Residents will communicate effectively with patients and healthcare team concerning the evaluation and management of emergent conditions.
2. Effectively communicate and work collaboratively with all staff including resident physicians, attending physicians, specialists and emergency room personnel in a way that fosters mutual respect and effective patient care.
3. Provide explanations of medical conditions, treatments, anticipatory guidance and prognosis to the patients and families at their level of understanding while maintaining a therapeutic and ethically sound relationship with patients and their families.
4. Maintain accurate medical records regarding patient encounters including procedures and consults.

**Practice-Based Learning and Improvement:**

1. Residents will appraise and utilize the best evidence in caring for patients with emergent conditions.
2. Use information technology to manage and retrieve information about emergency medicine and support own education.
3. Learn how to critically evaluate literature about current emergency care.
4. Apply medical knowledge learned in emergency room to own continuity patients and disseminate the learned information to others to facilitate learning.
5. Be able to implement changes in patient care based on new information obtained from attending rounds, clinical experience, review of the literature, office experience and other sources.

**Professionalism:**

1. Residents will demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to diversity when dealing with emergent conditions.
2. Dress appropriately and maintain good personal hygiene in accordance with hospital policy.
3. All clinical duties, including patient care, medical record documentation and
administrative tasks, will be completed in a timely and organized manner.
4 Maintain patient privacy adhering to standards set forth by HIPAA.
5 Demonstrate good work habits including timeliness, efficiency, and punctuality.
6 Demonstrate sensitivity and responsiveness to patients’ and families’ culture, race, gender, sexual orientation, age, socioeconomic status and physical or mental disabilities.

**Systems-Based Practice:**
1 Residents will work within and strive to continuously improve the health care system to provide optimum care for patients with emergent conditions.
2 Gain an understanding of procedure coding and basic insurance reimbursement for emergency medical care.
3 Demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources to provide optimal care to patients with emergent conditions.
4 Appropriately utilize consultation with and referrals to specialists in the management and co-management of medical and surgical conditions or concerns.

**Didactic Conference:** ED Resident Lecture, second Thursday of the month, presented by Dr. Haycock from 8:00 - 1:00.

**Assessment:**
• Assessment by Emergency Medicine Department Faculty on a daily basis through direct observation
• Formal evaluation at completion of rotation by Emergency Medicine Department Faculty