

Emergency Medicine Clerkship Goals and Objectives

Goals

The Emergency Medicine clerkship will expose the student to the diagnostic, therapeutic, and procedural skills required for the management of acute illness and injury. The student will function at the level of a sub-intern and will be involved in all aspects of emergency care including the performance of necessary procedures. From the patient's initial presentation through diagnosis and development of the treatment plan, it is expected that the student will gain knowledge and confidence in his or her clinical skills. All patients will be concurrently managed by the Emergency Department attending and senior resident, who will provide immediate feedback, teaching, and support.

Objectives

The student should be able to:

PATIENT-CENTERED MEDICAL CARE

- Assume responsibility for the management of patients at the level of a sub-intern (PCMC-3, SATBC-2a, SATBC-3, PBMR-7).
- Independently collect both focused and comprehensive patient histories. (PCMC-1)
- Independently perform both focused and comprehensive physical exams. (PCMC-2)
- Demonstrate appropriate wound management techniques including basic suturing skills (PCMC-4).
- Describe appropriate wound care and management (PCMC-3, MKS-3b).
- Participate in adult resuscitations and identify and describe the pathophysiology behind treatment protocols (SATBC-2a, MKS-1b, PCMC-4).
- Demonstrate basic airway skills (PCMC-4).
- Demonstrate competence in basic procedural skills including venipuncture, suturing, and IV placement (PCMC-4).
- Demonstrate competence in the use of point of care ultrasound in performing a eFAST exam. (PCMC-4)
- Demonstrate the ability to generate appropriate differential diagnoses and develop diagnostic and therapeutic plans for patients presenting with the following complaints (PCMC-3):
 - Chest pain
 - Shortness of breath
 - Abdominal pain
 - Vaginal bleeding and pelvic pain
 - Headache
 - Extremity trauma
 - Lacerations and other minor wounds
 - Fever
 - Acute weakness
 - Syncope
 - Altered mental status
 - Seizure
 - Acute psychiatric complaints
 - Back Pain

- Acute trauma
- Acute Ophthalmologic complaint
- Acute ENT complaints

MEDICAL KNOWLEDGE & SCHOLARSHIP

- Recognize and initiate treatment (in the Simulation Lab) of various cardiac dysrhythmias (MKS-1d, MKS-1e, PCMC-3, PCMC-4).
- Identify and recommend treatment for the acutely poisoned patient (MKS-1d, MKS-1e, MKS-3b).
- Recognize the common toxidromes and list the appropriate antidote and/or treatment (MKS-1d, MKS-1e, MKS-3b).
- Describe the initial systematic approach to management of the trauma patient (MKS-3a, MKS-3b).
- Recognize and recommend treatment for immediately life threatening injuries in the trauma patient (MKS-3b).
- Recognize and describe treatment for common ophthalmologic emergencies (MKS-3a, MKS-3b).
- Recognize and describe initial treatment and/or intervention for common ENT emergencies (MKS-3a, MKS-3b).
- Recognize and describe treatment plans for hypothermia and hyperthermia. (MKS-3a, MKS3b)
- Distinguish between delirium and dementia. (MKS-1d)
- Describe the views necessary to obtain and FAST and eFAST examination. (PCMC-4).
- Appropriately label an ultrasound image. (PCMC-4)

COMMUNICATION & INTERPERSONAL SKILLS

- Give succinct & accurate verbal presentations and be able to defend your assessments (ECIS 3, PCMC-3)
- Communicate effectively with patients at the bedside, including counseling & education skills (ECIS 1, ECIS 3, PCMC-6)
- Demonstrate the willingness to engage in difficult conversations (with adequate supervision) (ECIS 4)

PROFESSIONAL BEHAVIOR AND MORAL REASONING

- Behave with honesty, integrity, respect and compassion towards all patients, families, allied health professionals and colleagues. (PBMR 3)
- Demonstrate punctuality and ability to complete patient care tasks efficiently (PBMR-5)
- Adhere to institutional guidelines, including those regarding attire, language, documentation, and confidentiality (PBMR-5, PBMR-6)

SYSTEM AWARENESS & TEAM-BASED CARE

- Work effectively with residents, attendings, nurses, and ancillary staff. (SATBC-2a,2b)
- Discuss the importance of social work in the care of ED patients (SATBC-2b)
- Recognize the role of the Emergency Department in the larger healthcare delivery system (SATBC-3)
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CONTINUOUS LEARNING & IMPROVEMENT

- Develop a clinical question and perform a literature search. (CLQI-3)
- Apply evidence-based medicine (EBM) principles to patient care (CLQI-3, PCMC-3)
- Assess the quality of literature from a search and discuss the impact on practice. (CLQI-3)

- Discuss the value of care provided to a patient seen in the ED. (CLQI-4)
- Improve one's own practice by soliciting and incorporating feedback (CLQI-1a)

COMMUNITY ENGAGEMENT & SERVICE

- Identify advocacy and equity issues as they arise during the course of your daily clinical care (CES 1-2)
- Describe resources available to patients who experience food and housing insecurity (CES 1, CES 2)
- Describe appropriate interventions for victims of intimate partner violence, child/elder abuse and neglect (CES-1, CES-2, SATBC-1, SATBC-2a, MKS- 3b).

Clerklog Requirements

The student will be expected to evaluate patients with the following complaints or conditions and perform related procedures: (PCMC-3)

Chest Pain

Shortness of Breath

Abdominal Pain (1 must be woman of childbearing age and 1 patient >60 y/o)

Vaginal Bleeding and/or Pelvic Pain

Headache

Extremity Trauma

Laceration/Burn/Wound

Fever

Weakness/Dizziness

Syncope

Altered Mental Status/Confusion

Seizure

Acute Psychiatric Complaint including medical clearance

Back Pain

Acute Trauma

Ophthalmologic and ENT emergencies

The student will be expected to do the following:

Perform an eFAST

Observe a GEDI consult

Consult physical therapy

Consult pharmacist

Consult Social Work

Place an IV catheter under supervision

Perform venipuncture under supervision

Develop a clinical question and perform a literature search

Perform a SDH screen on an ED patient