

## AY 2023-2024 EMERGENCY MEDICINE CLERKSHIP – OB/GYN-Pediatrics-Surgery-EM-FM Block

### CLERKSHIP DESCRIPTION

The Emergency Medicine rotation during the OPSEF Block is a unique learning opportunity designed to provide students with early exposure to the specialty and to the urgent and emergent care of children and adolescents. Students will assess undifferentiated patients and develop their own diagnostic and therapeutic management plans, integrating and applying knowledge from the other disciplines encountered in the block. Clinical experiences will be augmented by didactics and additional field experiences, including the 911 center, poison center and EMS ride out.

### CLERKSHIP OBJECTIVES

*(Corresponding Institutional Learning Objectives in parentheses.)*

#### Patient Care

**Goal:** Students who are able to provide patient-centered care that is appropriate and compassionate.

**Objectives:** By the end of the clerkship, students should be able to:

- Obtain an accurate problem-focused history and physical exam *(PC-1.1)*
- Develop a diagnostic and therapeutic patient management plan for the patient with both an undifferentiated complaint and a known disease process *(PC-1.3, PC-1.2)*
- Formulate a differential dx when evaluating an undifferentiated patient: *(PC-1.3)*
  - List worst case scenarios
  - Prioritize likelihood of diagnoses based on clinical findings
- Patient management skills *(PC-1.2, PC-1.7)*
  - Monitor the response to therapeutic intervention
  - Develop appropriate disposition and follow up plans
- Patient communication *(PC-1.6, PC-1.7)*
  - Educate patients on safety and provide anticipatory guidance as necessary
  - Educate patients to ensure comprehension of discharge plan
- Interpret basic diagnostic tests such as, but not limited to labs and imaging *(PC-1.3)*
- Initiate basic resuscitation and stabilization *(PC-1.5)*

#### Knowledge for Practice

**Goal:** Students who are able to apply their broad knowledge base to patient care in the ED clinical setting.

**Objectives:** During the clerkship, the student will have opportunity to:

- Apply diagnostic principles from pre-clerkship years to the ED clinical setting *(KP-2.2)*
- Apply evidence-based principles to patient care in the ED clinical setting *(KP-2.3)*

#### Practice Based Learning and Improvements

**Goal:** Students who are able to apply scientific evidence to patient care, accept, and apply feedback for improvement of patient care practices.

**Objectives:** Students will demonstrate the ability to:

- Apply corrective feedback *(PBL-3.3)*

#### Interpersonal and Communication Skills

**Goal:** Students who are able to effectively communicate with patients, families, faculty, staff,

residents and other students.

**Objectives:** Students will have opportunity to:

- Develop and demonstrate professional interactions and effective communication with ED faculty, staff and consultants (*ICS-4.2*)
- Demonstrate active listening skills (*ICS-4.3*)
- Establish a therapeutic relationship with patients and families (*ICS-4.1, ICS-4.3*)

### **Professionalism**

**Goal:** Students who demonstrate a commitment to carrying out professional responsibilities, adhering to ethical principles, displaying sensitivity to a diverse patient population.

**Objectives:** Throughout the clerkship, students will demonstrate:

- Respect towards patients and families whose lifestyles, culture and values may be different from their own (*PRO-5.1*)
- Ethical behavior, including patient confidentiality, privacy and consent (*PRO-5.2*)
- Reliability, by arriving on time and prepared for all required activities (*PRO-5.3, PRO-5.7*)
- Honesty and integrity in patient care (*PRO-5.6*)
- Professional appearance (*PRO-5.7*)

### **Systems-Based Practice**

**Goal:** Students who demonstrate an awareness of the larger context of health care and understand how to effectively utilize system resources to provide optimal care.

**Objectives:** By the end of the clerkship, students should be able to:

- Describe the role of poison centers in the US healthcare system (*SBP-6.1*)

### **Inter-Professional Collaboration**

**Goal:** Students who demonstrate the ability to effectively engage as part of an inter-professional team.

**Objectives:** Throughout the clerkship, student should have the opportunity to:

- Develop teamwork and inter-professional communication skills in the ED (*IPC-7.3*)

### **Personal and Professional Development**

**Goal:** Students who demonstrate the principles required for lifelong professional growth.

**Objectives:** During the clerkship, students will have opportunity to:

- Develop proper judgment regarding when to take responsibility and when to seek assistance with patient care, based on their current level of training (*PPD-8.1*)

## GENERAL REQUIREMENTS

Course expectations include showing up for all shifts, on time, appropriately attired (scrubs or business attire, no dangling hair, no open toe shoes), ready to work, with a stethoscope. When evaluating real or simulated patients, always use appropriate Personal Protective Equipment (PPE) and be respectful.

ED Shifts will be at the following facility:

- El Paso Children's Hospital, 4815 Alameda, 915-298-5443

If an emergency arises preventing you from working your shift or you are ill, e-mail the Clerkship Coordinator and PLFClerkshipAbsence.com. Should a student request changes to the schedule after being published, it is the student's responsibility to assist in assuring all duty hour requirements/restrictions have been met. Any shift changes should be requested a minimum of 48 hours in advance, excluding weekend hours, to ensure timely change to the schedules.

You are expected to act as the primary provider for the patients you see on your shifts. You will do a focused H&P, and then present the patient to the resident/faculty with a differential diagnosis along with a diagnostic and therapeutic management plan. Each student will be assigned approximately 24 clinical hours in the emergency department. You will be required to work nights and weekends.

All patients are to be presented to faculty before pelvic and rectal exams, and before any procedures are done. **You are not to do any of these things without direct physician observation.** You must notify and obtain approval from the senior resident or faculty member for each patient you plan to pick up. If a patient appears unstable (i.e. looks really sick, has respiratory distress, or has abnormal vital signs) notify your attending or resident immediately.

Do not leave the department without advising your faculty. Expect to eat your meals in the ED, although you will be allowed to leave the department to get food from the cafeteria. There is a refrigerator and microwave oven in the ED for physician/student use.

## Grading Policy

**This will be a pass/fail course.**

PASS:

- Complete a minimum of 10 Op-Log entries
- 24 hours in the ED
- 9 hours on an EMS ambulance ride-out
- 2 hours at the 911 command center
- 2 hours at the West Texas Regional Poison Center
- Clinical evaluations must meet a minimum standard of the following:
  - Professional behavior
  - Patient evaluation skills
  - Patient management skills

IN PROGRESS:

This grade will be issued at the end of the clerkship if the course requirements have not been met due to mitigating circumstances. Once the requirements have been met the grade will be changed to PASS.

FAIL:

- Unprofessional behavior
- Failure to complete required remedial work in the allotted time.
- Failure to complete course requirements to a satisfactory level.

**Pre-Hospital Experience**

Each student will spend 2 hours at the 911 Dispatch Center where dispatchers receive calls. You do not need to bring anything. You will be able to see firsthand what happens behind the scenes.

You will also spend one 9-hour shift with an EMS ambulance crew. A Fire Station within the city will be identified. The address will be provided on your pass on the day of orientation and in Scheduler.

**West Texas Regional Poison Center Experience**

Each student will spend 2 hours observing operations at the West Texas Regional Poison Center. This time will be spent listening in on calls and observing how calls are managed.

**Re-Assignment**

Students with previous experience in the pre-hospital arena or Poison Control may request to substitute their hours with additional ED shift(s) totaling the same hours. The request should be made prior to the rotation starting to allow timely changes to be documented appropriately.

**Mid-Rotation Assessment**

Progress will be assessed for each student at the midpoint of the rotation. Clerkship faculty will review your clinical evaluations and Op-Log entries.

Any student who is not making satisfactory progress will meet with clerkship faculty to discuss their perception of any problem, the student’s strengths and weaknesses and current life stressors. Steps will be taken to determine the precise problem and to work out an appropriate course of action. If you are progressing well, you will receive a personalized online TTAS mid-clerkship evaluation from clerkship faculty and you will not be required to meet; but a meeting can be arranged if you request one.

**Op-Log Entries**

You will be required to complete Op-Log entries on **all** patients with whom you have direct, clinical contact; e.g., performing a patient’s history and physical examination, or performing or assisting in a procedure. Each student is required to document in the Op-Log the following mandatory conditions: (1) nausea/vomiting (2) Fever. Involvement with a more advanced or critical patient in which significant faculty/resident teaching is involved should also be included.

If you are unable to complete all required diagnoses, please notify the Clerkship Coordinator and an alternate assignment can be assigned such as the following chapters from *An Introduction to Clinical Emergency Medicine* as an alternate assignment

<b>Required Diagnoses</b>	<b>Alternate Reading</b>
Fever	Fever in children – Section 2, Chapter 28
Nausea/Vomiting	Vomiting – Section 2, Chapter 44

**Clinical Evaluations**

Clinical evaluations will be completed in Elentra. You must send the form to your faculty at the end of

your shift. You are encouraged to seek out feedback from faculty and residents. We have asked all faculty members to discuss their evaluation remarks with you personally at the end of each shift.