

Faculty: Tschumper, Emily J.

**Site:**

North Mississippi Medical Center

**Status:** Active

Not Required

**Description:**

The Emergency Services Elective rotation is a 1-month elective training period for residents at North Mississippi Medical Center to provide an experience that utilizes pharmacy clinical services in the emergency services department (ESD). North Mississippi Medical Center is a level-II trauma center. The emergency department features 58 patient rooms that staffed by a variety of licensed professionals (e.g., physicians, emergency medicine fellows, physician assistants, and nurse practitioners). This rotation allows the resident to participate in the essential roles of an ESD pharmacist. During this rotation, residents will interact with patients and other health care practitioners to optimize the medication use process, and perform the following essential functions of an ESD pharmacist; order review, drug therapy monitoring, participation in high-risk procedures including resuscitation efforts, monitor high-risk medications, medication procurement and preparation, and provide drug information. The resident will become part of the health care team whose goal is the well-being and successful clinical management of the problems and diseases of patients.

**Preceptor Contact**

- *Companion phone: x6406*
- *Office phone: x4580*
- *Cell phone: 662-202-7270*
- *Email: ejcarrell@nmhs.net*

**Important Numbers**

- *Pharmacy IV lab: x5748*
- *STAT phone: x7777*
- *ESD Charge Nurse: x4375*
- *ESD Nurse Manager: x5252*
- *ESD: x4161*

**Preferred Communication**

- Daily scheduled meeting times
- Residents should check email at least 2 times a day
- Companion phone
- Cell phone: Text messages are acceptable for non-patient care issue
- Pager

**Expectation of Learners:**

Topic discussions and reading key articles will be used to help develop the resident's patient care skills for common diseases and/or disease states infrequently seen on the service.

During the learning experience, the resident will focus on the goals and objectives outlined below by performing the activities that are associated with each objective. The resident will gradually assume responsibility for all patients within the ESD. Of note, the length of time the preceptor spends in each of the phases is dependent upon the resident's abilities and the timing of the learning experience within the residency year.

Prior to rotation (Direct Instruction): Resident is required to setup an orientation meeting. During which, the resident will be given educational materials to review prior to the start of the rotation. The preceptor will review the learning experience description to ensure residents understand the goals of the rotation.

Week 1 (Modeling): The resident is expected to work up patient located in Zone A and to present to the preceptor daily. Preceptor to attend and participate in patient care with the resident, modeling the pharmacist's role on the team.

Week 2 (Coaching): The resident is expected to work up patient located in Zone A and B and to present to the preceptor daily. Preceptor to attend and coach the resident to take on more responsibilities of the pharmacist on the team.

Week 3+ (Facilitating): The resident is expected to take on more responsibilities of working up more the team's patients, continuing to discuss with the preceptor on a daily basis. When the resident demonstrates responsibility for taking care of the patient the preceptor will no longer attend rounds but will continue to facilitate the residents learning.

		<b>Activities</b>	
<b>Goal R1.1</b>	<b>In collaboration with the health care team, provide safe and effective patient care to a diverse range of patients, including those with multiple co-morbidities, high-risk medication regimens, and multiple medications following a consistent patient care process</b>		
OBJ R1.1.1	(Cognitive - Applying) Interact effectively with health care teams to manage patients' medication therapy	Taught and Evaluated	The resident will communicate appropriately orally and electronically with other health care providers including but not limited to physicians, nurses, case managers, unit coordinators and outpatient providers. The resident will participate in routine multidisciplinary rounds with select ESD physicians

OBJ R1.1.2	(Cognitive - Applying) Interact effectively with patients, family members, and caregivers	Taught and Evaluated	The resident will be placed in an environment to learn and/or develop interpersonal skills and collaborate with other healthcare providers The resident will conduct patient interviews and provide patient education as directed by preceptor
OBJ R1.1.3	(Cognitive - Analyzing) Collect information on which to base safe and effective medication therapy	Taught and Evaluated	The resident will learn to navigate patient information as the ESD uses a different software system than the inpatient system (including EMR and patient bed board)
OBJ R1.1.4	(Cognitive - Analyzing) Analyze and assess information on which to base safe and effective medication therapy	Taught and Evaluated	Perform complete chart reviews of ESD patient to ensure treatment plans mirror that of the differential diagnoses
OBJ R1.1.5	(Cognitive - Creating) Design or redesign safe and effective patient-centered therapeutic regimens and monitoring plans (care plans)	Taught and Evaluated	Discuss patients with preceptor using a 3-minute patient-case presentation format
OBJ R1.1.6	(Cognitive - Applying) Ensure implementation of therapeutic regimens and monitoring plans (care plans) by taking appropriate follow-up actions	Taught and Evaluated	The resident will be responsible for pharmacy consults ordered for ESD patients
OBJ R1.1.7	(Cognitive - Applying) Document direct patient care activities appropriately in the medical record or where appropriate	Taught and Evaluated	Document clinical interactions not captured through consults in a personal notebook to be reviewed with preceptor
OBJ R1.1.8	(Cognitive - Applying) Demonstrate responsibility to patients	Taught and Evaluated	Actively engage in the layered learning model, by leading/ training current students Attend and actively participate in medical and traumatic emergencies Ensure proper transitions of care by providing proper handoff to unit-based pharmacists Recognize and report adverse drug reactions
<b>Goal R4.1</b>	<b>Provide effective medication and practice-related education to patients, caregivers, health care professionals, students, and the public (individuals and groups)</b>		
OBJ R4.1.1	(Cognitive - Applying) Design effective educational activities	Taught and Evaluated	Provide education in the form of weekly topic discussions
OBJ R4.1.2	(Cognitive - Applying) Use effective presentation and teaching skills to deliver education	Taught and Evaluated	Present a journal club article on a relevant clinical publication specific to the emergency medicine environment Provide one educational in-service to the ESD healthcare team

#### Evaluations:

	Evaluator	Evaluated	Timing
Summative Evaluation	All Preceptors	Each Resident Taking this Learning Experience	Ending and Quarterly if Needed
ASHP Preceptor Evaluation	Residents	All Preceptors of this Learning Experience	Ending and Quarterly if Needed
ASHP Learning Experience Evaluation	Residents	Learning Experience	Ending and Quarterly if Needed
Statement of Duty Hours Policy	Residents	Each Resident Taking this Learning Experience	Ending and Quarterly if Needed
Rotation Orientation	Residents	All Preceptors of this Learning Experience	Ending and Quarterly if Needed
Summative Evaluation	Residents	Each Resident Taking this Learning Experience	Ending and Quarterly if Needed