

PGY2 Critical Care Course Description

Learning Experience Title: Community Critical Care

Preceptor:

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Description:

The purpose of this four-week elective learning experience is to introduce the resident to management of critically ill patient populations in a community hospital setting. A pharmacist in this role will round on the ICU patients to provide pharmacy services, drug information, and patient and provider education in the intensive care unit. The pharmacist will serve as the liaison provider between the EICU critical care physicians and bedside medicine team. The pharmacist will also perform pharmacy consults as needed. This experience will allow a pharmacy resident to further develop their clinical skills, knowledge base, and communication with various healthcare providers in a different health care setting.

Resident Responsibilities:

- Prepare for and attend daily bedside rounds with the medicine team/virtual rounds with the critical care team
- Review and verify all orders for ICU patients. Perform all necessary pharmacologic monitoring
- Provide timely, evidence based drug therapy recommendations and information
- Design evidence based therapeutic regimen and monitoring plan
- Document all interventions using the pharmacy's electronic intervention tool
- Attend and actively participate in all Code Blue's in the hospital
- Function as a liaison between the bedside medicine team, Critical Care Service and the Department of Pharmacy
- Actively participate in /or lead topic discussions with PharmD students and/or PGY1 pharmacy practice residents, and preceptor
- Supervise PharmD students and/or PGY1 pharmacy residents (if applicable)

Disease States:

Disease states commonly encountered during this experience that the resident will be expected to review, discuss, and apply include but are not limited to:

- Pain, agitation and delirium
- Septic shock
- Respiratory failure
- ACLS

- DKA
- Acid/base disorders

*Other topics will be discussed on a case-by-case basis and/or upon area(s) of interest

Learning Experience Activities:

Activity	Objectives Covered
Independently review all patients on service and prioritize the needs for interventions based on their level of importance and present this information to the preceptor and/or medical team	R1.1.2
Provide optimal medication related recommendations. Provide guidance for resolution of any drug related issues	R3.1.1
Educate providers on optimal pharmacologic management of critically ill patients	R4.1.1
Communicate pertinent information to appropriate pharmacist when patients are transferred to the floor or other campus	R1.2.1
Incorporate 4 preceptor roles into teaching methods	R4.2.2

Objectives selected to be evaluated during learning experience:

R 1.1.2 (Applying) Interact effectively with critically ill patients, family members, and caregiver

R 1.2.1: (Applying) Manage transitions of care effectively for critically ill patients

R 3.1.1: (Applying) Demonstrate personal, interpersonal, and teamwork skills critical for effective leadership in the provision of care for critically ill patients

R 4.1.1: (Applying) Design effective educational activities related to critical care pharmacy

R 4.2.2: (Applying) Effectively employ preceptor roles, as appropriate, when instructing, modeling, coaching, or facilitating skills related to critical care

Requirements of Learning Experience:

Expected hours

- 0630-1500 (times may vary depending on patient census and service requirements)

Attire

- Business casual (with white coat or jacket when attending meetings outside pharmacy)

Required presentations

- To be determined by preceptor

Required readings

- Readings will be assigned throughout the learning experience

Misc. Projects:

- As assigned by the preceptor. Projects may include but are not limited to, orderset development, drafting a policy or providing education to medical/pharmacy staff.

Preceptor interaction

- The resident is expected to interact with the preceptor daily regarding all patient care related activities
- The resident is expected to utilize time with the preceptor as a higher learning experience by researching questions prior to meeting

Communication

- The resident is expected to call in to the AM and PM pharmacy team huddle
- The resident is expected to pass-off pertinent information to evening staff, pharmacy buyer, and/or management as appropriate
- The resident is expected to reserve use of instant messenger for “on-the-fly” communication with a preference to email and phone for all other communication
- The resident is expected to be reachable during the rotation. This includes:
 - Wearing personal pager daily
 - Ability to communicate to preceptor via text or instant messenger
- The use of personal electronic devices while in patient care areas should be reserved solely for patient care related activities

Expected progression of resident on this learning experience:

The resident is expected to progress in a linear fashion with the goal of safely and effectively managing critically ill patients. This will be demonstrated through the resident's ability to identify pertinent medical and pharmacy related issues on each individual patient on a daily basis; successfully recommend and implement pharmacy interventions daily; and provide evidence-based information to nursing and medical staff; precept pharmacy students and PGY-1 residents (if applicable); and actively lead topic discussions. By the completion of the learning experience, the resident should be able to perform the activities listed above as an independent practitioner.

By end of week one, the resident should be working up the entire patient list, completing all vancomycin/aminoglycoside/warfarin pharmacy consults for patients in the intensive care unit. The resident should be adjusting all medications based on the worklist and addressing recommended changes based on the ASP worklist.

Method of Evaluation:

Evaluation of the resident will be based on the ASHP activity learning experiences listed above. Each learning activity has a corresponding code following the experience which corresponds to the activity learning experience listed in PharmAcademic®. During the orientation to the learning experience, the preceptor and the resident will review all the material contained in this learning experience description and sign a copy to be retained in the residents file.

The preceptor will provide feedback verbally (formative) throughout the course of the learning experience and electronically (summative) via PharmAcademic® at the conclusion of the experience. Once the resident is finished with all of the requirements for the experience, the preceptor and the resident will discuss the learning experience as a whole both formally and informally. The resident will also be responsible for providing both formative and summative feedback at the conclusion of the experience. All evaluations must be submitted within seven days from the conclusion of the learning experience.

I have read and acknowledged the responsibilities of the learning experience.

Pharmacy Resident

Primary Preceptor