**PGY 2 Critical Care Pharmacy Residency Course Description**

**Learning Experience Title: Critical Care II**

**Preceptor:**

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Clinical Lead Pharmacist-Critical Care

PGY2 Critical Care Residency Program Director

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**Purpose:**

The Critical Care II rotation is a 4 week learning experience in which residents will expand on

the knowledge and skillset they gained during the Critical Care I learning experience. Residents may not complete this learning experience prior to completing the first experience.

The role of the critical care pharmacist includes participation in multidisciplinary rounds, bed- side patient rounds, medication profile review and therapeutic optimization, therapeutic drug monitoring as well as resident and student education. It is the goal of this learning experience that the resident will demonstrate their ability to be a competent and confident independent practitioner in the area of critical care medicine as well as an effective preceptor to both PharmD students and PGY1 residents.

**Learning Experience Responsibilities:**

* While rounding, the resident is expected to verify all orders entered by their team and help verifying all other ICU orders as able.
* Attend and actively participate in all Code Blue’s in the ICU
* Serve as the primary pharmacist for all patients under the critical care medicine service
* Provide timely, evidence based drug therapy recommendations and information
* Design evidence based therapeutic regimen and monitoring plan when pharmacy is requested to dose medications
* Lead all topic discussions with PharmD students and/or PGY1 pharmacy practice residents, and preceptor
* Serve as primary preceptor to PharmD students and/or PGY1 pharmacy practice residents

(if applicable)

* Monitor all patient consults for those on the critical care medicine service and those not covered by the surgery/trauma service
* Document all interventions using the pharmacy’s electronic intervention tool
* Function as a liaison between the 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)
* Actively participate in all mid-point and final evaluations of PharmD students and/or

PGY1 pharmacy practice residents

* Complete all mid-point and final evaluations of Pharm.D. students and/or PGY1 pharmacy practice residents (if applicable)
* Complete other duties as assigned by preceptor

**Resident Progression:**

Expected progression of the resident on this learning experience will be personalized based on

the resident’s abilities and timing of the learning experience.

Week 1-2: Resident will work up all of the team’s patients and present problems to the preceptor daily. The preceptor will not attend rounds with the resident but continue to facilitate the resident’s role as the lead pharmacist on the team.

Week 3-4: Resident will work up all of the team’s patients. The resident will not be required to discuss patient problems with the preceptor, however the preceptor will be available should the resident wish to do so on a case by case basis.

**Goals and Objectives to be covered and evaluated:**

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| Activity | Objectives Covered |
| The preceptor will introduce the resident to members of the team. The resident will independently work up patients prior to rounds and may contact physicians regarding any medication therapy issues that are time sensitive. The resident will collaborate daily with the medical residents/fellows as it pertains to medication therapy and optimizing care of the patient. | 2.1.1 |
| Introduce yourself to the family of critically ill patients when you enter the room. Explain the role of the pharmacist to the family, answer family questions related to medication issues. | 2.3.1 |
| Independently use Cerner intervention/consult notes and person to person discussions to communicate transitions of care related pharmacy pertinent information. | 2.10.1 |
| Maintain BLS and ACLS certification and independently participate in all medical emergencies. | 5.1.1 |

**Requirements of Learning Experience:**

Expected Hours: 0600-1530 (times may vary depending on patient census and service requirements)

Required presentations: A 30min case presentation to the pharmacy/medical staff unless otherwise stated by the preceptor

Required readings: Will be determined based off the residents interests as well as prior learning experiences, and assigned readings

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 should have a means of communication (office communicator, pager, and phone)

with pharmacy staff at all times while rounding.

* The resident should respond to all communication in a timely manner.
* 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 communicate all patient care related information to the preceptor daily
* 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

**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 by the conclusion of the learning experience.

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

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Pharmacy Resident Primary Preceptor