

## **PGY2 Critical Care Course Description**

### **Learning Experience Title: Trauma and Code Blue Response**

#### **Preceptor:**

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**Description:** The trauma and code blue response learning experience is a required, longitudinal learning experience at University Health Truman Medical Center. The purpose is for PGY2 residents to gain the experience and aptitude in order to confidently engage in traumas and code blue scenarios. A pharmacist in this role provides assistance in all hospital emergent events including trauma activations, rapid responses when applicable, and cardiac or respiratory arrest events. The pharmacist provides expert knowledge regarding medication therapies for these events as well as drawing up and preparing medications.

#### **Resident Responsibilities:**

- Communicate pertinent information to pharmacists in ED or ICU as appropriate for transitions of care
- Document response to all events via the intervention reporting system linked directly to the patient
- Trauma response
  - The resident shall respond to all traumas (type A and B) that present to the hospital during the times the resident is on site at University Health Truman Medical Center
  - The resident may not respond if the trauma occurs during a time in which it would interfere with current patient care (actively on rounds)
  - The resident shall respond to all traumas regardless of current assigned learning experience (off-site experiences do not apply)
  - The resident shall act as the primary pharmacist during the trauma (preparing medications, recommending interventions, communicating with trauma team) unless the ED pharmacy team has responded
    - If the ED pharmacy team has responded, the resident shall act as an ancillary team member until all tasks are resolved
- Code blue response
  - The resident shall respond to all code blue events that occur during working hours at University Health Truman Medical Center

- If the resident is involved with patient care activities when a code occurs, the resident shall respond to ensure pharmacist presence and may return to patient care activities if another pharmacist responds
- The resident shall act as the primary pharmacist during the code event (standing with code cart, preparing medications, and communicating with code team) unless another pharmacist has responded
  - If the other pharmacist is a PGY1 resident, the PGY2 resident should remain at the event and provide oversight

**Learning Experience Activities:**

Activity	Objectives Covered
Respond to all code blue and trauma events while on site at Truman Medical Center. Actively participate in the event by communicating with the care team, recommending optimal drug therapy and preparation of drug therapy.	R1.1.8
Prepare medications as indicated during the event. If medications need to be sent from central pharmacy, serve as liaison between the care team and pharmacy to ensure medications are prepared and delivered in a timely manner.	R1.3.1
Participate in debriefing of each code and trauma experience; determine if appropriate medication therapy is utilized and appropriately available for pharmacist/nursing use and resolve any found issues.	R1.3.3

**Objectives selected to be evaluated during learning experience:**

R1.1.8: (Applying) Demonstrate responsibility to critically ill patients for patient outcomes

R1.3.1: (Applying) Facilitate delivery of medications for critically ill patients following best practices and local organization policies and procedures

R1.3.3: (Applying) Facilitate aspects of the medication-use process for critically ill patients

**Requirements of Learning Experience:**

Expected hours:

All times when the resident is onsite; as long as it does not interfere with patient care.

Preceptor interaction:

Review of trauma and code blue events will occur on a regular basis through brief monthly RPD/resident meetings and as needed.

Communication:

The resident should be aware of different modes of communication while in a code or trauma scenario including but not limited to the satellite mobile phone, communicator, or cell phone.

Readings:

As assigned by the preceptor.

Expected progression of resident on this learning experience:

The resident shall progress in a linear fashion throughout the residency year. By midpoint (December) the resident should run code and trauma events independently, requesting assistance from staff pharmacists when needed.

**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.*

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Pharmacy Resident

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Primary Preceptor