

Trauma Surgery Learning Experience Description

Learning Experience Title: Trauma Surgery II (PGY2)

Preceptor:

Katie Korte, Pharm.D., BCPS

Clinical Lead Pharmacist – Trauma Surgery
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Purpose:

The purpose of this learning experience is to advance the practice of critical care pharmacy residents in the area of trauma and general surgery. Throughout the experience, the resident should expand their ability to appropriately assess, intervene, and manage a trauma surgery patient while serving as the primary pharmacist for the surgery/trauma team.

Role of the Pharmacist:

The general surgery/trauma pharmacist functions as an integral member of the surgical team. Daily responsibilities include: participation in rounds, development and implementation of therapeutic recommendations, providing education to providers, students, and patients, management of a clinical unit (order verification, renal dosing, antibiotic monitoring), and participation in traumas.

Learning Experience Responsibilities and Expectations:

- Attend general surgery and trauma rounds

Service	Monday	Tuesday	Wednesday	Thursday	Friday
Surgery	0800	0800	0800	Didactics	0800
Trauma Surgery	1300	N/A	N/A	1130	N/A

- Serve as primary pharmacist for all general and trauma surgery patients
 - Work in SICU daily (0800-1000) to ensure all recommendations are implemented

- Perform pharmaceutical care monitoring for all patients on the assigned surgery service
- Document recommendations and/or interventions within the medical record as appropriate
- Communicate with medical residents regarding changes in rounding time
- Attend all code blue events with preceptor
- Attend all traumas with preceptor
- Precept Pharm.D. students and PGY 1 residents assigned to this experience
- Actively participate in topic discussions
- Provide at least one topic discussion and/or case presentation to pharmacy staff and/or medical staff

Disease States and Topics:

The resident will be expected to gain proficiency of the following topics through literature review, topic discussions, and /or direct patient care:

- Trauma
 - ATLS protocols
- Neurology
 - Cerebral salt wasting
- Cardiovascular
 - Acute aortic dissection
- Additional topics to be determined based on resident need and/or request

Goals and Objectives:

- Goal R2.5 – Design evidence-based therapeutic regimens for critically ill patients
 - Objective R2.5.1 (synthesis) – Specify therapeutic goals for a critically ill patient incorporating the principles of evidence-based medicine that integrate patient specific data, disease and medication-specific information, ethic, and when possibly, quality of life considerations
- Goal R2.9 – Evaluate critically ill patients’ progress and redesign regimens and monitoring plans
 - Objective R2.9.2 – (Synthesis) Redesign an evidence-based therapeutic plan for a critically ill patient as necessary based on evaluation of monitoring data and therapeutic outcomes
- Goal R5.1 – Participate in the management of medical emergencies

- Objective R5.1.1 (application) – exercise skill as a team member in the management of medical emergencies

Learning Experience Activities:

Activity	Objectives to be Evaluated
Actively participate on daily rounds. Work collaboratively with health care team to present and implement recommendations on a daily basis conveying expertise in an assertive and non-aggressive manner.	<p style="text-align: center;">R2.5.1 R2.9.2</p>
Communicate with pharmacy and medical staff daily utilizing negotiation skills and conflict management. Follow up on all pharmacy related issues to ensure resolution.	<p style="text-align: center;">R2.5.1</p>
Participate in all code blue events and traumas (including Type A and B) utilizing skills gained through ACLS certification and ATLS participating	<p style="text-align: center;">R5.1.1</p>

Requirements:

- Expected hours
 - 0700-1500 (times may vary depending on service requirements)
- Presentations/written assignments
 - One formal topic discussion and/or patient case to pharmacy and/or medical staff
- Attire
 - Residents may wear scrubs throughout experience except on formal presentation days
- Readings
 - Readings will be assigned throughout the learning experience

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 informally (verbally) and formally (electronically via PharmAcademic®) throughout the course of the learning experience. Once the resident is finished with all of the requirements for the learning experience, the preceptor and the resident will discuss the learning experience as a whole both formally and informally.

The resident will be responsible for providing a formal self-evaluation using the goals listed above and also evaluate the learning experience as a whole.

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

Pharmacy Resident

Primary Preceptor