

**PGY-1 Pharmacy Residency
Truman Medical Centers
Orthopedic Surgery Clinical Experience Description**

Preceptor:

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Purpose:

The primary purpose of this clinical experience is to provide pharmacy residents with opportunities to expand their knowledge and develop clinical skills related to the care of orthopedic patients. This will be achieved through participation in multi-disciplinary rounds, evaluation of patient profiles, and education of patients on a medical/surgical unit. Resident pharmacists will be expected to provide drug information and pharmacy services to the team and unit they are covering.

Rotation Responsibilities:

- Attend orthopedic surgery rounds daily during the week
 - Beginning at 0800 on all days except Wednesday when rounds begin at 1000
 - Meeting location is the orthopedic surgery administrative offices, 3rd floor
- Provide guideline and evidence based drug therapy recommendations and drug information to the orthopedic surgery team
 - Document all clinical interventions through PowerChart
- Perform patient education for patients on the orthopedic surgery team as needed each day for anticoagulation, low molecular weight heparin, and any miscellaneous medication related consults
 - Complete note in the electronic medical record
- Present a disease state or patient case presentation to the pharmacy staff, pharmacy residents, and students on rotation
- Participate in or lead topic discussions
- Oversee Pharm.D. students on rotation, when applicable
- Attend all pharmacy student and resident presentations

Learning experience activities:

Activities	Objectives covered
Gather and evaluate patient information to determine an appropriate medication regimen.	R1.1.3; R1.1.4
Utilize patient information and evidence-based resources to develop safe and effective pharmacotherapy and monitoring plans.	R1.1.5;
Provide complete, evidence-based recommendations for medication therapy and ensure implementation of discussed regimens and monitoring plans.	R1.1.1; R1.1.6; R3.1.1
Ensure professional and effective communication with members of the health care team, patients, and other health care providers.	R1.1.8; R1.2.1
Educate patients on medications as needed and document interactions appropriately.	R1.1.7; R1.1.8; R4.1.4
Communicate with patient and pharmacy to compile a complete and accurate home medication list. Evaluate home medications to determine which should be continued during admission and communicate recommendations to the health care team.	R1.1.2; R1.1.3; R1.1.8; R1.2.1
Present a formal patient case or disease state presentation to pharmacy residents, staff, and students.	R2.2.5; R4.1.1; R4.1.2

Objectives selected to be evaluated during learning experience:

- R.1.1.1 "Interact effectively with health care teams to manage patients' medication therapy"
- R1.1.3 "Collect information on which to base safe and effective medication therapy"
- R 1.1.8 "Demonstrate responsibility to patients"
- R1.2.1 "Manage transition of care effectively"
- R 3.1.1 "Demonstrate personal, interpersonal, and teamwork skills critical for effective leadership"

By the end of the experience, the student should be more familiar with the following:

1. Anticoagulation needs in orthopedic surgery patients
2. Management of prosthetic joint infections and antibiotic selection
3. Pre- and post-procedural pain management
4. Medications utilized in the perioperative period

Requirements:

Expected hours: 0700-1530 (these times may vary based on census and service requirements)

Formal presentation: The resident pharmacist will give a formal presentation on a topic or patient case related to orthopedic surgery. This presentation should include an overview of the topic or disease state, treatment guidelines, and relevant primary literature, as applicable.

Check-out: A formal midpoint and final patient check-out will be presented to the preceptor. Informal check-outs will also be performed for all patients as needed if the resident is scheduled off or cannot attend rounds for other reasons that have approved by the preceptor.

Dress: Business casual attire and white coat will be expected most days of the rotation. Scrubs may be worn if the resident pharmacist is scheduled to observe a procedure that day.

Required readings: These will be assigned throughout the rotation and discussed with the preceptor as appropriate.

Required meetings: The resident pharmacist is required to attend all presentations given by pharmacy residents and students on rotation. They may be expected to attend additional meetings or presentations at the preceptor's discretion.

Method of Evaluation:

- The objectives identified in the Learning Experience Activities section of this syllabus are required for the PGY-1 Orthopedic Surgery rotation and are evaluated based on the Residency Learning System (RLS) objectives.
- The resident will be provided with verbal and written feedback throughout the rotation. Written feedback will be provided through PharmAcademic. The resident will receive a final evaluation via PharmAcademic which will be discussed with the preceptor at the end of the rotation.
- A snapshot will be completed through PharmAcademic to evaluate one experience, not an overall evaluation of the student's performance.
- The resident will be responsible for completing a self-evaluation and an evaluation of the rotation and the preceptor.
- All evaluations must be completed within 3 business days of the end of the rotation.

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

Pharmacy Resident

Primary Preceptor