

PGY1 Course Description

Learning Experience Title: Orthopaedic Surgery Clinical Experience

Preceptor:

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Description:

The orthopaedic surgery clinical experience is to provide pharmacy residents with the opportunity to expand their knowledge and develop clinical skills related to the care of orthopaedic patients. A pharmacist in this role will participate in multi-disciplinary rounds, evaluate patient profiles, and educate patients on medical/surgical units. Resident pharmacists will be expected to provide drug information and pharmacy services to the orthopaedic team and nursing units they are responsible for throughout the day.

Learning Experience Responsibilities:

- Attend orthopaedic surgery rounds daily Monday through Friday
 - Beginning at 0800 on all days except Wednesday when rounds begin at 1000
 - Meeting location is the orthopaedic surgery administrative offices, 3rd Floor
- Provide guideline and evidence based drug therapy recommendations and drug information to the orthopaedic surgery team
 - Document all clinical interventions through Powerchart
- Perform patient education for patients on the orthopaedic surgery team as needed each day for anticoagulation, low molecular weight heparin, and miscellaneous medication related consults
 - Complete clinical note in patient's electronic medical record
- Complete a current medication reconciliation for those patients scheduled at their pre-op appointments for their elective orthopaedic surgeries
 - Update patient's medication history in Powerchart
 - Complete medication reconciliation note in Powerchart
- Complete a current medication reconciliation for new orthopaedic admits
 - Update patient's medication history in Powerchart
 - Complete medication reconciliation note in Powerchart
- Present a disease state or patient case presentation to the pharmacy staff, pharmacy residents, and students on rotation
- Participate in or lead topic discussions

- Provide guidance to pharmacy students on rotation, when applicable
- Attend all pharmacy student and pharmacy resident presentations

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:

- Deep Vein Thrombosis (DVT) Prophylaxis in orthopaedic patients
- Skin & Skin Structure Infections
- Prosthetic joint infections and antibiotic selection
- Pre- and post-procedural pain management

Learning Experience Activities:

Activities	Objectives covered
Utilize the electronic medical record, patient interviews, and/or other available resources to gather and evaluate patient information in order to determine an appropriate medication regimen.	R1.1.3
Apply patient information and evidence-based resources to develop therapeutic goals and effective 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
Ensure professional and effective communication with members of the health care team, patients, and other health care providers.	R3.1.1
Educate patients on medications as needed and document interactions appropriately.	R1.1.7
Communicate with patient and/or pharmacy to compile an accurate and complete home medication list.	R1.1.3
Evaluate a patient's home medication list to determine which medications should be continued during hospital admission.	R1.2.1
Communicate medication reconciliation recommendations to health care team.	R1.1.1
Present a formal patient case or disease state presentation to pharmacy residents, staff, and students.	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”

R 1.1.3 “Collect information on which to base safe and effective medication therapy”
R 1.1.7 “Document direct patient care activities appropriately in the medical record or where appropriate”
R 1.2.1 “Manage transition of care effectively”
R 3.1.1 “Demonstrate personal, interpersonal, and teamwork skills critical for effective leadership”

Requirements of Learning Experience:

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

Required presentations: : 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.

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

Preceptor interaction: Daily (before rounds and after rounds) and during teaching opportunities

Communication: Communication is encouraged

Expected progression of resident on this learning experience:

Day 1 – Preceptor will review orthopaedic learning activities and expectations, as well as general calendar and monthly activities with resident.

Week 1 – Resident will be responsible for working up approximately half of the team’s patients and present to preceptor daily. Preceptor will attend rounds with resident, and model pharmacist’s role on the team. Towards end of week, preceptor will coach the resident to take on more responsibilities as the pharmacist for the team.

Thereafter – Resident will be expected to take on more responsibility for the team’s patients, continuing to discuss patients on a daily basis with the preceptor. Preceptor will no longer attend rounds with resident. Residents will facilitate learning with Pharm.D. students when applicable.

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.

Pharmacy Resident

Primary Preceptor