

**Rotation Name:** Medication Safety

**Rotation Preceptors:** Shantel Mullin, PharmD, BCPS

**Site Description:**

University of Utah Hospitals and Clinics

**Rotation Description:** The resident will gain a broad perspective of the types of activities involved in managing medication safety related issues in a health-system including the following:

- Participate in reviewing medication errors and adverse event reports.
- Participate in a variety of safety evaluations.
- Update P&T policies or guidelines based on needs identified through safety review.

**Readings and Preparatory Work:**

*Medication Safety Officer's Handbook* by Connie Larsen and Deb Saine 2013. Other readings will be assigned as they relate to projects.

**Typical Daily/Weekly/Monthly Activities:**

The typical schedule is Monday through Friday from 8:00 am to 5:00 pm; however the resident should be flexible if early or late meetings occur.

The resident will attend any safety-related meetings at the discretion of the preceptor.

**Project / Presentation Description:**

- Develop a plan with the preceptor by the first week of rotation for a safety-related rotation project based on an identified safety issue.
- Prepare a gap analysis of the most recent ISMP quarterly action report for presentation at the medication safety meeting.

**Evaluation:**

The resident will attend planning meetings as well as meet with the preceptor multiple times each week.

Midpoint evaluation. The resident and preceptor will complete a custom midpoint evaluation together evaluating progress in completing goals, interpersonal communication, project and time management, and ability to work independently. Resident strengths and opportunities for development will be discussed. The resident should prepare by providing a current project list to the preceptor.

Summative evaluation. The resident should complete the self-evaluation, preceptor evaluation, and learning experience evaluation in ResiTrak prior to the last day of rotation. The preceptor and resident will meet together to review the evaluations. Residents and Preceptors must use the template for evaluations when completing ResiTrak.

**Goals and Objectives and Rotation Activities**

| Goals and Objectives   | Rotation Activity  | Teaching Methods   |
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| <b><i>Goal R2.1: Enhance the quality of committee decisions on medication-use policies or processes.</i></b> |  |  |
| OBJ R2.1.1 (Synthesis) Plan a meeting that reflects the organization's needs and the political situation.    | The resident will plan or assist in planning any safety-related meetings including Medication Safety, Adverse Drug Reaction, Anticoagulation Steering Committees, etc. | <ul style="list-style-type: none"> <li>• Coaching</li> <li>• Facilitation</li> </ul> |
| OBJ R2.1.2 (Synthesis) Prepare evidence-based information for committee decisions on a                       | The resident will prepare a gap analysis of the latest ISMP quarterly action alert or other needed materials for a safety-related                                      | <ul style="list-style-type: none"> <li>• Coaching</li> <li>• Facilitation</li> </ul> |

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| medication-use policy or process, based on an analysis of the committee's needs.  | meeting. The resident will present recommended actions based on gaps identified.  |  |
| OBJ R2.1.3 (Analysis) Conduct a pharmaco-economic analysis to support a medication policy and/or process recommendation or decision.  | The resident will evaluate the costs or savings of any potential safety related recommendations in the gap analysis.  | <ul style="list-style-type: none"> <li>• Coaching</li> <li>• Facilitation</li> </ul>                     |
| OBJ R2.1.4 (Synthesis) Contribute the drug information specialist's perspective, as appropriate, in meetings about a medication-use policy and/or process.                            | The resident will attend and participate in medication safety related meetings at the discretion of the preceptor.  | <ul style="list-style-type: none"> <li>• Modeling</li> <li>• Coaching</li> <li>• Facilitation</li> </ul> |
| OBJ R2.1.5 (Synthesis) Prepare accurate and effective meeting minutes that satisfy the requirements of organizational, regulatory, and accreditation considerations, as applicable.   | The resident will prepare minutes for any medication safety related meetings at the discretion of the preceptor.  | <ul style="list-style-type: none"> <li>• Modeling</li> <li>• Coaching</li> <li>• Facilitation</li> </ul> |
| OBJ R2.1.6 (Synthesis) Design a systematic follow-up that assesses the implementation and outcome of a change to a medication-use policy or process.                                  | The resident may conduct a project related to follow-up or this may be included in the gap analysis at the discretion of the preceptor. An analysis of a P&T safety-related guideline will be done with recommendations provided to the P&T Secretary. (See Goal 2.3) | <ul style="list-style-type: none"> <li>• Modeling</li> <li>• Coaching</li> <li>• Facilitation</li> </ul> |
| <b><i>Goal R2.3: Develop and implement plans for improvements to the organization's medication-use process or policies.</i></b>   |   |  |
| OBJ R2.3.1 (Synthesis) Design an intervention to change a problematic or potentially problematic aspect of a medication process or policy with the objective of improving quality.    | The resident will complete a safety-related rotation project based on an identified safety issue.   | <ul style="list-style-type: none"> <li>• Modeling</li> <li>• Coaching</li> <li>• Facilitation</li> </ul> |
| OBJ R2.3.2 (Synthesis) Collaborate with an interdisciplinary team to write or revise an existing guideline or protocol.   | Based on identified safety issues, the resident will work with a team to first evaluate the issue, then write or revise a policy or guideline and guide the work through appropriate channels for approval and implementation.  | <ul style="list-style-type: none"> <li>• Modeling</li> <li>• Coaching</li> <li>• Facilitation</li> </ul> |
| OBJ R2.3.3 (Synthesis) Write or revise a medication-use policy or procedure with the objective of improving its quality.  |   |  |
| OBJ R2.3.4 (Synthesis) Implement an intervention to change a problematic or potentially problematic aspect of a medication policy or process with the objective of improving quality. |   |  |
| OBJ R2.3.5 (Evaluation) Measure the impact of a change to a medication-use process or policy.   |   |  |

| <b>Goal R3.4: Demonstrate political skills necessary to improve the organization's medication-use process or policies.</b>  |   |  |
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| OBJ R3.4.1 (Analysis) When confronted with a barrier to the accomplishment of a particular project, analyze the organizational environment, including its structure, network of resources, and politics, to determine a strategy for achieving success. | The resident will have multiple opportunities to navigate the most politically effective way to accomplish change while working on the safety related rotation project.   | <ul style="list-style-type: none"> <li>• Modeling</li> <li>• Coaching</li> <li>• Facilitation</li> </ul> |
| OBJ R3.4.2 (Synthesis) Create an effective professional network.  | The resident and preceptor will discuss formal and informal networking opportunities. Networking with nursing, physicians, other pharmacy departments, and Quality and Patient Safety staff will be necessary to complete projects.   | <ul style="list-style-type: none"> <li>• Coaching</li> <li>• Facilitation</li> </ul>                     |
| OBJ R3.4.3 (Analysis) Identify the organization's committees where pharmacist participation is essential.   | The resident will attend safety-related meetings with the preceptor and discuss the role of the pharmacy representative.  | <ul style="list-style-type: none"> <li>• Modeling</li> <li>• Coaching</li> </ul>                         |
| <b>Goal E1.1: Contribute to efforts to prevent and identify risk points in the medication-use process.</b>  |   |  |
| OBJ E1.1.2 (Comprehension) Explain the steps and applicability of a root cause analysis (RCA).  | The resident and preceptor will discuss the utility of an RCA in a safety related investigation. The resident will have the opportunity to participate in any ongoing RCAs. (If appropriate, the resident will perform and RCA on a pharmacy-based error that results in patient harm.) | <ul style="list-style-type: none"> <li>• Modeling</li> <li>• Coaching</li> <li>• Facilitation</li> </ul> |