Preceptor
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Experience Description

The Neurology rotation provides the PGY1 resident the opportunity to round with the inpatient adult neurology teaching service providing pharmaceutical care for neurology disease states as well as general medicine issues. Residents may gain additional optional experiences by following neurology consult patients and following patients who are admitted for inpatient EEG testing.

Requirements of Learning Experience

Required Attendance
• Formal rounds may occur. If formal rounds do not occur, pharmacy rounds will be done with preceptor, students or alone. The resident will present patient care recommendations to the medical team. Recommendations should be discussed with preceptor during patient presentations and prior to talking with the hospitalists.

Required Projects
• Resident should be prepared to utilize the patient’s medical records in order to identify potential and real drug- and disease-related problems, including, but not limited to the following:
  • Inappropriate dosing regimens and route of administration
  • Interactions:
    o Drug-allergy
    o Drug-drug
    o Drug-food
  • Possible side effects and adverse drug reactions
  • Duplication of therapy
  • Drug-disease state contraindication
  • Inappropriate therapy
  • Cost-ineffective therapy
  • Under or over treatment of patient.

Required Presentations
• Any required presentations go here.
• Example: Present at minimum one journal club to preceptors and other trainees.

Required Readings/Topic Discussions
• Periodic discussions between the resident and instructor will be held to discuss selected topics and individual patients. The resident will prepare for the meeting to
sufficient depth of knowledge to be able to lead the discussion of the topic. Discuss the pathophysiology, etiology, symptomatology, treatment, and monitoring parameters for those disease states commonly seen in Neurology including, but not limited to:

- Epilepsy
- Migraine
- Meningitis (bacterial, viral, aseptic)
- Multiple Sclerosis
- Myasthenia Gravis
- Parkinson Disease
- Stroke

**Learning Experience Evaluated Goals**

**Goal R1.5**: Provide concise, applicable, comprehensive, and timely responses to requests for drug information from patients and health care providers.

**Goal R2.3**: As appropriate, establish collaborative professional pharmacist-patient relationships.

**Goal R2.6**: Design evidence-based therapeutic regimens.

**Goal R2.8**: Recommend or communicate regimens and monitoring plans.

**Goal R5.1**: Provide effective medication and practice-related education, training, or counseling to patients, caregivers, health care professionals, and the public.

**Learning Experience Activities and Corresponding Learning Experience Goals/Objectives**

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<thead>
<tr>
<th>Learning Experience Activity</th>
<th>Learning Experience Objectives</th>
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<tr>
<td><strong>Formulate a strategy to effectively establish a patient-centered pharmacist-patient relationship. Interview the patient and record an updated allergy list and a medication admission history on the electronic medication reconciliation form.</strong></td>
<td>R1.5.1; R2.3.1</td>
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<td><strong>Identify potential and real drug- and disease-related problems through analysis, synthesis and evaluation of drug information research.</strong></td>
<td>R1.5.1, 1.5.2, 1.5.3, 1.5.4</td>
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<td><strong>Assess the clinical significance of drug-related problems by prioritizing problems.</strong></td>
<td>R1.5.5, 1.5.6, 1.5.7</td>
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<td><strong>Select appropriate goals, develop and initiate plan for resolution of the identified problems etiology, severity, pharmacotherapy, prevention of problem progression, prevention of complications of treatment, and prevention of problem recurrence.</strong></td>
<td>R2.6.2; R2.8.1</td>
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<td><strong>Design, implement and evaluate education plan to educate patients on new</strong></td>
<td>R5.1.1, 5.1.2;</td>
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<td>Medications prescribed during hospital stay.</td>
<td>R5.1.4, 5.1.6</td>
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<td>Develop a discharge medication list for patients and arrange follow up for medications as necessary. Design, implement and evaluate education of patients on discharge medication list.</td>
<td>R5.1.1, 5.1.2, 5.1.4, 5.1.6</td>
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<td>A patient profile (derived from the chart, progress notes, and MAR) will be maintained for each patient on the service. This profile must be updated daily so that ready reference can be made to demographic information, drug list, and appropriate therapeutic and laboratory monitoring parameters.</td>
<td>R2.8.1</td>
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**Methods of Evaluation**

Evaluation of residents will be based on the above learning experience goals and objectives. The preceptor and resident will review the resident’s customized plan and the learning experience rotation document on the first day of rotation. Feedback will include, but not be limited to: verbal and/or written mid-point and end of rotation evaluations of the resident, preceptor and learning experience.