

E. Medicine APPE Rotations

Description

The Medicine and Ambulatory Medicine Professional Experience Rotation is a four credit hour course intended to be taken as part of the pharmacy practice series. During this course you will be assigned to a clinical site in Oklahoma City, Tulsa, or Lawton where Southwestern College of Pharmacy, Pharmacy Practice faculty are located. You may also be assigned a site in Tahlequah, Muskogee, or other cities, but you cannot get all of your rotations in these cities. You will participate in patient care activities as they relate to pharmacy, and as they relate to patient care throughout the facility.

You will be working closely with the Pharmacy Practice Faculty at the practice site. Your responsibility may include monitoring drug therapy of patients, patient counseling, case presentations, providing drug information, selected reading assignments, and other assignments that may be made by the on-site faculty. The student will devote a minimum of eight hours per day to these activities, or other assignments made by the faculty member. Your faculty member will be working closely with you to assess your progress and guide you during your medicine rotation activities.

The course is designed to familiarize the student with pharmacy practice in a patient oriented setting. Patient oriented practice will enable the student to identify and emulate the role of health care practitioners in a formalized care system. During this period of study the student is expected to:

1. Gain practical experience in pharmacy practice in a patient-oriented setting.
2. Gain an understanding of the general medical treatment of patients in a health care system.
3. Integrate didactic pharmacy knowledge into practical patient drug therapy.
4. Develop an awareness of his/her professional responsibility in monitoring drug use.
5. Detect adverse drug reactions, drug interactions, and other drug problems.
6. Research and review medical literature to provide drug information.
7. Improve professional communication skills with physicians, pharmacists, nurses, and other health care professionals.
8. Improve communication skills in patient counseling.
9. Develop an appreciation for the working relationship between the pharmacist and other health care professionals.

Behavioral Objectives

Patient Care Functions

Objective: Upon completion of this unit, the student will be able to:

1. Utilize the medical record to find information needed to fulfill the pharmacist's role in patient care.
2. Define the abbreviations and common terms found in the medical record.
3. Prepare and maintain patient medication profiles.

4. Analyze the patient medication profile to determine indications for the medications prescribed.
5. Demonstrate the monitoring parameters for the patient's drug therapy.
6. Predict the potential adverse effect of the patient's drug therapy.
7. Detect and indicate proper management of drug - drug interactions from a review of the patient's medication profile and chart.
8. Detect drug - laboratory test interactions from a review of the patient's medication profile and chart.
9. Detect drug - food interactions from a review of the patient's medication profile and chart.
10. Demonstrate an understanding of the importance of laboratory tests in the diagnosis of disease.
11. Conduct interviews to obtain medication histories from patients.
12. Organize the information obtained in a medication history interview in such a fashion that it is useful to the physician and other health care professionals.
13. Demonstrate the ability to counsel patients regarding the proper use of prescribed medications.
14. Prepare in-depth case studies demonstrating an understanding of data collection and analysis, diagnostic criterion, selection of therapy, and monitoring patient progress.
15. Conduct medical literature review and searches.
16. Interpret drug literature and provide drug information to physicians and other health care professionals.
17. Incorporates healthy living and public health initiatives into the overall patient treatment plan
18. Considers and appropriately utilizes psychosocial, behavioral, and cultural factors that can influence pharmacotherapy outcomes.
19. Demonstrates an understanding of pharmaco-economic issues that can impact drug therapy outcomes.

Daily Activities

Activities and functions at the medicine rotation site will often consist of:

1. Attending patient care rounds/discussions with the Pharmacy Practice Faculty.
2. Observing the activities of other health care professionals.
3. Conducting patient medication histories.
4. Providing patients with medication counseling.
5. Providing patient education.
6. Monitoring drug therapy.
7. Interacting with members of the health care team.
8. Providing drug information.

Statement of Student Conduct

Every student participating in the Medicine and Ambulatory Medicine - Professional Experience Rotation is expected to conduct himself in a manner consistent with that of other members of the patient care team.

Students are required to follow the EE [Appearance Policy](#) during medicine and ambulatory medicine rotations. A white laboratory coat with your name tag must be worn when you are participating in activities relating to the clerkship. These activities also include conferences which you may be assigned or wish to attend.

Information you gain about a patient through your medicine rotation activities must be considered personal and confidential. Such information must not be circulated or discussed outside the activities of the medicine rotation setting. Discussion of patient's care should not take place in, public areas, or in the presence of other patients or visitors. Patient's charts may not be removed from the wards, clinics, or medical records area. Breach of your patient's trust can have harmful consequences for the patient and his family and may even affect the course of his condition.

Hospital courtesy involves the common rules of courtesy and should be observed in dealing with employees in the patient care setting. This includes exercising consideration for the ward clerks, housekeepers, and other nonprofessional personnel. Right of way in hallways, elevators, and crowded areas should always be yielded to persons transporting patients from one area to another.

Student misconduct or non-compliance, where potential damage to the service or the staff's relationships with patients or other health professional, will be considered sufficient justification for the student's exclusion from further participation in the patient care environment.

Specific policy should be covered early in the rotation by the preceptor.

[Patient Care Rounds/Discussions](#)

The student may attend patient care rounds/discussions and activities with other health care professionals. While in these settings the student should maintain and review the appropriate records necessary to assess the patient's progress, particularly those records which relate to the patient's medication. A review of the patient's medical record should be complete enough so that you can understand the patient's medical problems and contribute to the pharmacy portion of the team approach to health care.

Components of the drug therapy for which the pharmacist should take responsibility include:

1. Indications for the medications.
2. Dosage, dosage form, and frequency of administration.
3. Influence of other disease states on therapy.
4. Selection of the therapeutically appropriate product.
5. Monitoring drug side effects.
6. Screening for drug-drug, drug-laboratory test, and drug-food interactions.
7. Patient medication counseling.
8. Patient education.

Medication Histories/Reconciliation

If one but considers the vast number of potent drugs available to patients and the frequency with which adverse drug reactions and drug misuse occur, then it is evident that the medication history is an important starting point for evaluating a patient's drug therapy. It has been well documented that pharmacist conducted medication histories gather significantly more data regarding use of prescription and nonprescription products, than those histories taken by any other member of the health care team. The skills of effective communication and interviewing necessary for effectively conducting medication histories are the same skills which are useful in other patient-pharmacist relations, particularly those such as medication counseling.

While in the medicine rotation setting you should avail yourself of the opportunity to conduct as many medication histories as possible. The number of medication histories that you are required to discuss with your instructor will be determined by the Pharmacy Practice Faculty member.

Medication Counseling

The pharmacist is often the last health care professional to see the patient after medical care is rendered. The pharmacist has an obligation to ensure that the patient understands the purpose of the therapeutic agent and its appropriate use. Interaction between the pharmacist and patient in counseling the patient require many of the same communication skills which are required for medication histories.

While in the medicine and ambulatory medicine rotation setting you should avail yourself of the opportunity to conduct medication counseling's as frequently as possible. The number of medication counseling's that you are required to discuss with your instructor will be assigned by the Pharmacy Practice Faculty member.

Required Assignments

During the Medicine and Ambulatory Medicine Professional Experience Rotation you will be required to complete some or all of the following projects. Specific dates for completion of assigned activities will be made by the Pharmacy Practice Faculty during your first week of the rotation.

- Case Presentations
- Patient Care Activities
- Medication monitoring
- Medication histories
- Medication counseling

Grading and Examination

An exam will be given to each medicine rotation student during the last week of the rotation, as scheduled by individual faculty member.

The final grade will be assigned based on evaluations in the following areas:

- Medication Monitoring = Satisfactory Completion
- Medication Histories = Satisfactory Completion
- Medication Counseling = Satisfactory Completion
- Projects/Case Presentations = 20 points
- Final Oral/Written Examination = 30 points
- [Field Instructor Evaluation](#) = 50 points
- Total = 100 points

The following scale will normally be used in evaluating all areas of performance in the Medicine Professional Experience rotation.

- A = 93 or above
- B = 86 - 92
- C = 75 - 85
- D = 70 - 74
- F = 69 or below