Community Pharmacy

Description of Rotation:

This rotation is designed to enhance the basic skills learned in the Introductory Pharmacy Practice Experience (IPPE). Skills developed and refined in this rotation include ability to process and dispense medication, patient education regarding medical conditions, wellness, dietary supplements, durable medical equipment, and medical and drug devices medication therapy management, recommends over-the-counter products, and retrieving, evaluating, managing, and using clinical and scientific publications.

Goals of Rotation:

1. Facilitate student learning and thinking of the community patients needs.
2. Understand the patient health care needs.
3. Utilization of evidence based medicine.
4. Enhance and reinforce didactic course work.
5. Develop interpersonal communication skills.
6. Adopt and practice ethics and integrity for site and career.
7. Formulate an understanding of laws and regulations for the practice site.
8. Describe the pathophysiology of common illness.
9. Explain monitoring parameters given the particular disease state and the treatment regimen (including efficacy, toxicity, side effects, and potential drug interactions).
11. Provide patient education.
12. Utilize and educate patients on medical devices and medical aids.

Learning Objectives:

Upon completion of this rotation the student should be able to:

1. Monitor and evaluate patient profiles for:
   a. drug allergies
   b. adverse reactions
   c. inappropriate drug use
   d. drug-drug interactions
   e. compliance

2. To effectively conduct MTM and make drug therapy recommendations to physicians as well as lifestyle changes to the patients.
3. To be able to complete a thorough medical history of a patient.
4. To advise and give a selection of clinical choices to a prescriber.
5. To effectively communicate with support staff, professional staff, and prescribers.
6. To understand the business model and get a sampling of all details and terminology of managing a business.
7. Utilize their pharmacology and understanding of disease states to effectively monitor a patient’s health with the confidence to make suggestions to prescribers for adjusting drug regimen therapy.
8. Develop physical assessment skills in evaluating over the counter recommendations.
9. Create and implement patient outcome documentation skills as well as intervention documentation.
10. Develop format for complete patient profiles and proper documentation.
11. Identify and utilize the best reference sources to assist pharmacists in the community pharmacy based practice.
12. To be able to experience some unique roles in the Community Pharmacy Practice setting.

Activities:

1. Patient interviews and care plans
   a. Medication Therapy Management
   b. Patient goal setting
2. Case/ disease state presentations and discussions
3. Research drug information question
4. Educational programs
   a. Patients
   b. Medical Staff
   c. Students
5. Newsletter
6. Community Pharmacy based pharmaceutical care.
7. The latest technology available to Community Pharmacy.
8. Advanced Compounding
9. Sound business practices in Community Pharmacy.
10. Learn the practical application of pharmacy law.
11. Medication therapy management. (MTM)
12. Effective communication between patient, prescribers, and pharmacists.
13. Effective marketing of Home Medical Equipment and Compounding.
14. Physical Assessment
15. Define patient goals for each disease state
16. Data collection
17. Required Readings
Disease States Encountered (list not inclusive):

3. Hypertension  15. Allergies  27. Point of Care testing Devices
5. Metabolic Syndrome  17. Smoking Cessation  29. Foot Care
6. Thyroid Disorders  18. Infectious Diseases  30. Minor Wounds
11. Headache  23. Otic/Ophthalmic conditions
12. Menopause
13. Vaccinations

Potential longitudinal activities to accomplish at site:

1. Identify and collect appropriate drug-related monitoring parameters for each assigned patient
2. Maintain an adequate patient data base for each assigned patient
3. Identify and prioritize drug-related problems for each assigned patient
4. Assess the appropriateness of each assigned patient’s drug therapy
5. Construct a detailed pharmacotherapeutic plan for each assigned patient
6. Present all patient data in a concise and meaningful fashion
7. Provides evidence-based regimens and monitoring plans for each patient
8. Obtain and write-up a patient medication history
9. Provide medication information to a unique cultural and socioeconomic diverse patient
10. Provide a recommendation and counseling on an OTC product
11. Counsel a patient on their medications
12. Provide a verbal therapeutic plan recommendation to another health-care professional
13. Perform medication reconciliation for patients
14. Interpret diagnostic tests results for patient/caregiver/or preceptor
15. Take a patient’s blood pressure
16. Take a patient’s respiratory rate
17. Assess a patient’s temperature
18. Provide an optimal pain management or palliative care plan for a patient
19. Make a warfarin dosage adjustment based on patient parameters
20. Recommend empiric antibiotic therapy
21. Assess the significance of a drug-drug interaction
22. Adjust a drug dose in a patient with renal insufficiency
23. Determine monitoring parameters for a patient being treated for an infectious disease
24. Assist in explaining to a patient or caregiver their health-insurance options
25. Prepare a handout for case presentation
26. Prepare an article for a newsletter or publication
27. Prepare a patient education sheet
28. Prepare a written drug information response in a practice setting
29. Provide an education presentation to pharmacists
30. Provide an education presentation to other health care professionals
31. Lead a Journal Club discussion
32. Participate in a Patient/Medication Safety Review or error reduction program
33. Develop a community-based educational initiative
34. Discuss or Implement, evaluate, and obtain reimbursement for MTM services
35. Participate in a discussion of a pharmacist role in ethical issues related to any of the following topics: end of life care, professional behavior, clinical research, and pharmacy current event/hot button issue