Advanced Community Practice Objectives

Upon completion of the advanced community experience, the student will be able to demonstrate knowledge of*:

1. **Operations**
   a. Develop a systematic approach to ensure the five principles of drug delivery:
      i. Right drug
      ii. Right patient
      iii. Right dose
      iv. Right time
      v. Right route
   b. The student should participate and become proficient at the following activities:
      i. Processing new and refill prescriptions, communicating with physicians and office staff when necessary
      ii. Utilize the patient profile to assess the current prescription for:
          1. Drug interactions
          2. Therapeutic duplication
          3. Patient allergy
          4. Potential for adverse effects
      iii. Third party billing and insurance
          1. Appreciation for third party formularies and limitations
      iv. Final verification of prescription
      v. Ensure that each prescription, as well as pharmacy operations, are in compliance with state and federal regulations
      vi. Compounding
      vii. Pharmaceutical calculations
   viii. Quality control
   ix. Dealing with difficult patients and situations
   x. Working with and understanding the role of technicians
   xi. Fraudulent prescription management
   xii. Inventory management, including controlled substances
xiii. Gain an understanding of pharmacy automation and central fill procedures when applicable
xiv. Understand the policies and procedures for the pharmacy or company
   1. Budgeting
   2. Generation of necessary reports
xv. Review key components of human resource management, including:
   1. Hiring/conducting an interview
   2. Formal disciplinary procedures/termination
   3. Staff development

2. **Patient Care (Should be the emphasis of this rotation)**
   a. Participate in prospective drug utilization reviews
   b. Participate in counseling patients on prescription, non-prescription, and herbal medications
   c. Assess if the patient is an appropriate candidate for self-care
   d. Design a safe and effective self-care plan that addresses the patient’s health care needs
   e. Understand the role of herbal medications in patient management
   f. Assist in the selection and educate on the use of durable medical equipment and medical devices
   g. Participate in advanced pharmaceutical care services, including:
      i. Screening (lipid, blood pressure, etc.) and immunization clinics
      ii. Medication therapy management programs
      iii. Other health initiatives, for example brown bag seminars
   h. Conduct a detailed medication history as the situation warrants
   i. Consider the impact of Medicare Part D on community pharmacy practice
   j. Upon identification of a drug related problem (see below):
      i. Develop an alternative therapeutic plan
      ii. Appropriately communicate the plan to the physician

3. **Drug Therapy**
   a. The student should have a firm understanding of drug therapy. For each drug encountered, be familiar with:
      1. Pharmacology
      2. Dosing
      3. Pharmacokinetics
4. Routes of administration and/or dosage form
5. Contraindications/precautions
6. Adverse drug reactions
7. Interactions (drugs, dietary supplements, food, laboratory)
8. Monitoring parameters for efficacy and toxicity
9. Benefit of therapy versus risk
10. Cost of treatment

b. Analyze each prescription received for any drug related problems that may exist, including:
   i. A problem of the patient is not being treated or is not maximally being treated
   ii. A medication the patient is receiving is not indicated or is contraindicated
   iii. A problem of the patient is being caused by one of his/her medications
   iv. The patient is not being properly monitored with respect to his/her drug therapy (efficacy, toxicity, pharmacokinetics)
   v. A drug interaction or potential drug interaction exists
   vi. A drug dose or duration of therapy is inappropriate (especially in the presence of hepatic or renal impairment)
   vii. A drug is interfering with or masking the manifestation of a disease or altering the interpretation of a lab test
   viii. A medication is being administered utilizing an inefficient route or dosage form
   ix. The patient has a medication regimen that is leading to non-compliance

4. **Drug Information Skills**
   a. Use the most appropriate resources to respond to drug information questions in an accurate and timely manner

5. **Additional Activities to be Completed**
   a. Students are expected to complete at least one project that should result in a written report and/or verbal presentation. Examples include:
      i. Formal case presentation
      ii. Meet with a patient who would benefit from an intensive medication education appointment
      iii. Contribute to patient education material, such as a health and wellness pamphlet or pharmacy-related newsletter
6. **Communication Skills**
   a. Develop the ability to effectively communicate, both in writing and verbally, with the patient as well as with health professionals; specific examples include, but are not limited to:
      i. Concisely communicate responses to drug information requests
      ii. Obtain the necessary information when receiving a prescription from a new patient
      iii. Appropriate documentation of interventions made

7. **Professionalism**
   a. Conduct him/herself in a professional and ethical manner when interacting with patients and health professionals by always:
      i. Demonstrating the ability to initiate, organize, and complete projects and assignments in an accurate and timely manner
      ii. Demonstrating the ability to establish effective relationships with patients and other health professionals
      iii. Arriving on time and prepared for all rotation activities
      iv. Effectively utilizing his/her time
      v. Expressing an appropriate degree of empathy for patients and their families
      vi. Maintaining protected health information in a confidential manner
      vii. Developing the philosophy of a team approach to patient care
      viii. Developing habits consistent with life-long learning