

## Community Pharmacy Advance Practice Experience Transcript

Student name \_\_\_\_\_

Preceptor Name \_\_\_\_\_

UM Professional Ability-Based Outcomes	Course Objectives	Required Activities /Additional Evidence
1a. Collect and organize patient data, medical records, interviews, and psychomotor evaluations	<i>Collect accurate and comprehensive information to be used in monitoring therapeutic outcomes; Identify the patient's primary complaint(s) and reasons for seeking medical care</i>	<input type="checkbox"/> New Patient Profile
1b. Evaluate and interpret patient data	<i>Identify the patient's primary complaint(s) and reasons for seeking medical care; Identify appropriate information in patient profiles that will affect drug dose and schedule</i>	<input type="checkbox"/> Non Rx Consult
1c. Apply knowledge of medical terminology and abbreviations	<i>Demonstrate ability to receive prescriptions from patients and physicians over the telephone</i>	<input type="checkbox"/> Telephone Rx <input type="checkbox"/> Rx Transfer
1d. Apply knowledge of specified drugs and drug classes	<i>Employ clinical and physical assessment skills to determine the adequacy of patient therapeutic self-management and evaluate therapeutic effectiveness or potential drug-related problems in the patient</i>	<input type="checkbox"/> Community Medication Management
1e. Apply knowledge of specific physiologic systems	<i>Apply knowledge of the pathophysiology of a specific disease to prevent medication-related problems</i>	<input type="checkbox"/> Medication Therapy Management Exercise
1f. Apply knowledge of specific disease pathology and comorbid conditions	<i>Apply knowledge of the pathophysiology of a specific disease to prevent medication-related problems</i>	<input type="checkbox"/> Medication Therapy Management Exercise
2a. Apply understanding of indications for pharmacologic and non-pharmacologic therapy	<i>Review patient profiles to determine the adequacy of patient therapeutic self-management; Use appropriate methods of patient education to review indications, adverse effects, dosage, storage, and administration techniques</i>	<input type="checkbox"/> New Patient Profile
2b. Apply clinical reasoning skills in drug product selection, chemical entity, dosage formulation based on principles of pharmaceuticals, medicinal and natural product chemistry	<i>Employ clinical and physical assessment skills to determine the adequacy of patient therapeutic self-management and evaluate therapeutic effectiveness or potential drug-related problems in the patient</i>	<input type="checkbox"/> Community Medication Management <input type="checkbox"/> Rx Verification
2c. Develop appropriate dosing regimens, which reflect application of knowledge of pharmaceutical calculations, initial dose, dose titration, and dosage adjustments	<i>Demonstrate the ability to accurately perform dosage calculations</i>	<input type="checkbox"/> Pediatric Antibiotic Dosing Exercise
2d. Prepare accurate patient-specific pharmaceutical agents, dosage forms and delivery systems	<i>Demonstrate ability to accurately perform the activities comprising the prescription medication dispensing function</i>	<input type="checkbox"/> Rx Verification
2e. Develop rational plans for monitoring therapeutic outcomes	<i>Employ clinical and physical assessment skills to determine the adequacy of patient therapeutic self-management and evaluate therapeutic effectiveness or potential drug-related problems in the patient</i>	<input type="checkbox"/> Patient Counseling

2f. Develop rational plans for monitoring and managing adverse events	<i>Employ clinical and physical assessment skills to determine the adequacy of patient therapeutic self-management and evaluate therapeutic effectiveness or potential drug-related problems in the patient</i>	<input type="checkbox"/> Patient Counseling
2g. Develop plans for anticipating, avoiding, and resolving drug interactions, drug-drug interactions, drug-food interactions, drug-disease interactions, drug-lab interactions, and drug-procedure interactions	<i>Employ clinical and physical assessment skills to determine the adequacy of patient therapeutic self-management and evaluate therapeutic effectiveness or potential drug-related problems in the patient</i>	<input type="checkbox"/> Patient Counseling
2h. Develop plans for patient education on drug therapy and therapeutic lifestyle changes	<i>Use appropriate methods of patient education to review indications, adverse effects, dosage, storage, and administration techniques</i>	<input type="checkbox"/> Patient Counseling
2i. Document recommendations and services accurately and comprehensibly	<i>Use effective written, visual, verbal, and nonverbal communication skills when providing medication self-management counseling to patients and/or caregivers</i>	<input type="checkbox"/> Patient Counseling <input type="checkbox"/> Medication Intervention
4a. Appropriately manage resources to maximize economic, clinical and humanistic outcomes for patients, and effectively manage financial, personnel, time, and technology resources	<i>Demonstrate knowledge of basic physical requirements for establishing a pharmacy dispensing area; Demonstrate knowledge of the wholesale ordering process; Able to prepare and place an order for drugs by computer and telephone; Able to receive and process a wholesale order; Demonstrate the principles of inventory control; Demonstrate knowledge of pricing policies; Understand principles of accounting associated with operation of a community pharmacy; Understand and perform procedures of billing especially third-party reimbursement</i>	<input type="checkbox"/> Novel Pharmacy Plan <input type="checkbox"/> Order Management/Appropriate Storage Exercise
4b. Appropriately manage safe, accurate and time-sensitive medication distribution	<i>Demonstrate ability to accurately perform the activities comprising the prescription medication dispensing function; Understand and apply the basic principles of drug storage</i>	<input type="checkbox"/> Order Management/Appropriate Storage Exercise
4c. Apply ethics and professional principles to assure efficient utilization of resource management and effective treatment choices	<i>Use good professional judgment and demonstrate ability to cope with a variety of situations</i>	
4d. Assure that medication use systems minimize medication errors and optimize patient outcomes	<i>Demonstrate the understanding of and utilize medication profile systems</i>	<input type="checkbox"/> Medication Intervention
4f. Practice in accordance with state and federal regulations and statutes	<i>Understand and apply legal requirements associated with the dispensing process</i>	<input type="checkbox"/> Novel Pharmacy Plan
5a. Employ communication styles and techniques appropriate to the audience.	<i>Interview the patient/caregiver to help determine the adequacy of patient therapeutic knowledge; Use appropriate methods of patient education to review indications, adverse effects, dosage, storage, and administration techniques; Demonstrate a positive attitude toward the practice of pharmacy</i>	<input type="checkbox"/> Patient Counseling <input type="checkbox"/> Non Rx Consult
5b. Work effectively within a multidisciplinary/interdisciplinary environment	<i>Demonstrate ability to receive prescriptions from patients and physicians over the telephone; Able to interact with wholesale and manufacturer representatives</i>	<input type="checkbox"/> Telephone Rx Order <input type="checkbox"/> Transfer Rx

5c. Include patient and caregiver as integral parts of a treatment plan.	<i>Develop a plan to influence patients to effectively manage their therapy; Encourage patients/caregivers to contact the pharmacist for further information regarding therapy</i>	<input type="checkbox"/> Patient Counseling <input type="checkbox"/> Non Rx Consult
7a. Display empathy in patient interactions	<i>Use effective written, visual, verbal, and nonverbal communication skills when providing medication self-management counseling to patients and/or caregivers</i>	<input type="checkbox"/> Patient Counseling <input type="checkbox"/> Non Rx Consult
7b. Display sensitivity to differences in ethnicity, gender, values, or belief systems (cultural competency)	<i>Use effective written, visual, verbal, and nonverbal communication skills when providing medication self-management counseling to patients and/or caregivers</i>	<input type="checkbox"/> Cultural Competency Activity
7c. Apply understanding of contemporary and historical social and economic factors that influence health and health care, including health literacy and health care disparities.	<i>Use effective written, visual, verbal, and nonverbal communication skills when providing medication self-management counseling to patients and/or caregivers</i>	<input type="checkbox"/> Health Literacy Activity
8a. Serve as reliable and credible source of drug information	<i>Demonstrate the ability to provide information solicited from other health care professionals regarding medication; Demonstrate the ability to provide unsolicited information to other health care professionals</i>	<input type="checkbox"/> Drug Information Question
8b. Effectively educate patients utilizing all appropriate communication modalities (verbal, written, other).	<i>Use effective written, visual, verbal, and nonverbal communication skills when providing medication self-management counseling to patients and/or caregivers; Demonstrate proper administration technique for a given drug delivery system or monitoring device; Explain any action that should be taken in the event of a missed dose; Advise patients on how to avoid potential interactions with other therapies; Explain signs and symptoms associated with the common and/or severe adverse reactions to a therapy; Explain the significance and frequency of adverse drug reactions and interactions associated with a given therapy; Demonstrate the ability to consult with patients regarding selection and use of OTC medications</i>	<input type="checkbox"/> Patient Counseling <input type="checkbox"/> Warfarin Management <input type="checkbox"/> Asthma Management
9b. Demonstrate understanding of the influences of legislation on pharmacy practice	<i>Know the basic legal requirements for establishing and operating a pharmacy dispensing area</i>	<input type="checkbox"/> Novel Pharmacy Plan
10a. Engage in health-related community outreach activities.	<i>Demonstrate the ability to provide unsolicited information to other health care professionals and the public</i>	<input type="checkbox"/> Public Health Activity
11a. Take responsibility for gathering new knowledge.	<i>Show initiative</i>	