

Adult Medicine 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>Perform an accurate and effective medication history/patient interview; Perform relevant and accurate physical assessment procedures; Develop functional patient databases by gathering and generating relevant information</i>	<input type="checkbox"/> Medication Reconciliation <input type="checkbox"/> Biomarker Monitoring <input type="checkbox"/> Case Presentation
1b. Evaluate and interpret patient data	<i>Perform an accurate and effective medication history/patient review; Perform relevant and accurate physical assessment procedures; Develop functional patient databases by gathering and generating relevant information; Interpret medical management of the patient, including common laboratory and diagnostic test results.</i>	<input type="checkbox"/> Case Presentation <input type="checkbox"/> Home Meds/MAR Review <input type="checkbox"/> SOAP Note
1c. Apply knowledge of medical terminology and abbreviations	<i>Develop functional patient databases by gathering and generating relevant information; Identify drug-related problems</i>	<input type="checkbox"/> Case Presentation <input type="checkbox"/> Home Meds/MAR Review <input type="checkbox"/> SOAP Note
1d. Apply knowledge of specified drugs and drug classes	<i>Assess each acute and chronic medical problem; Identify drug-related problems</i>	<input type="checkbox"/> Case Presentation <input type="checkbox"/> Home Meds/MAR Review <input type="checkbox"/> SOAP Note
1e. Apply knowledge of specific physiologic systems	<i>Assess each acute and chronic medical problem; Identify drug-related problems</i>	<input type="checkbox"/> Case Presentation <input type="checkbox"/> Home Meds/MAR Review <input type="checkbox"/> SOAP Note
1f. Apply knowledge of specific disease pathology and comorbid conditions	<i>Assess each acute and chronic medical problem; Identify drug-related problems</i>	<input type="checkbox"/> Case Presentation <input type="checkbox"/> Home Meds/MAR Review <input type="checkbox"/> SOAP Note
2a. Apply understanding of indications for pharmacologic and non-pharmacologic therapy	<i>Identify drug-related problems</i>	<input type="checkbox"/> Medication Intervention <input type="checkbox"/> Pneumonia Management <input type="checkbox"/> Heart Failure Management <input type="checkbox"/> Thromboembolic Event Management <input type="checkbox"/> Diabetes Management <input type="checkbox"/> Gastrointestinal Therapy Management <input type="checkbox"/> Cardiac Dysrhythmia Management <input type="checkbox"/> Medical Emergency Management
2b. Apply clinical reasoning skills in drug product selection, chemical entity, dosage formulation based on principles of pharmaceuticals, medicinal and natural product chemistry	<i>Identify drug-related problems</i>	<input type="checkbox"/> Medication Intervention <input type="checkbox"/> Pneumonia Management <input type="checkbox"/> Heart Failure Management <input type="checkbox"/> Thromboembolic Event Management <input type="checkbox"/> Diabetes Management <input type="checkbox"/> Gastrointestinal Therapy Management <input type="checkbox"/> Cardiac Dysrhythmia Management <input type="checkbox"/> Medical Emergency Management

<p>2c. Develop appropriate dosing regimens, which reflect application of knowledge of pharmaceutical calculations, initial dose, dose titration, and dosage adjustments</p>	<p><i>Identify drug-related problems; Monitor, evaluate, and respond to drug/drug, drug/food, and drug/lab interactions using pharmacokinetic and pharmacodynamic principles; Develop drug therapy plans that are patient-specific, comprehensive, logical, practical, consider current evidence-based medicine recommendations, include strategies for prevention, and include patient education; Develop and implement the pharmacotherapeutic plan promptly, efficiently, accurately, and effectively</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Medication Intervention <input type="checkbox"/> Pneumonia Management <input type="checkbox"/> Heart Failure Management <input type="checkbox"/> Thromboembolic Event Management <input type="checkbox"/> Diabetes Management <input type="checkbox"/> Gastrointestinal Therapy Management <input type="checkbox"/> Cardiac Dysrhythmia Management <input type="checkbox"/> Medical Emergency Management
<p>2e. Develop rational plans for monitoring therapeutic outcomes</p>	<p><i>Establish desired therapeutic outcomes; Develop drug therapy plans that are patient-specific, comprehensive, logical, practical, consider current evidence-based medicine recommendations, include strategies for prevention, and include patient education; Develop and implement the pharmacotherapeutic plan promptly, efficiently, accurately, and effectively;</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Medication Intervention <input type="checkbox"/> Pneumonia Management <input type="checkbox"/> Heart Failure Management <input type="checkbox"/> Thromboembolic Event Management <input type="checkbox"/> Diabetes Management <input type="checkbox"/> Gastrointestinal Therapy Management <input type="checkbox"/> Cardiac Dysrhythmia Management <input type="checkbox"/> Medical Emergency Management
<p>2f. Develop rational plans for monitoring and managing adverse events</p>	<p><i>Develop drug therapy plans that are patient-specific, comprehensive, logical, practical, consider current evidence-based medicine recommendations, include strategies for prevention, and include patient education; Develop and implement the pharmacotherapeutic plan promptly, efficiently, accurately, and effectively;</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Medication Intervention <input type="checkbox"/> Pneumonia Management <input type="checkbox"/> Heart Failure Management <input type="checkbox"/> Thromboembolic Event Management <input type="checkbox"/> Diabetes Management <input type="checkbox"/> Gastrointestinal Therapy Management <input type="checkbox"/> Cardiac Dysrhythmia Management <input type="checkbox"/> Medical Emergency Management
<p>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</p>	<p><i>Identify drug-related problems; Prioritize drug-related problem-list; Develop drug therapy plans that are patient-specific, comprehensive, logical, practical, consider current evidence-based medicine recommendations, include strategies for prevention, and include patient education; Develop and implement the pharmacotherapeutic plan promptly, efficiently, accurately, and effectively;</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Medication Intervention <input type="checkbox"/> Pneumonia Management <input type="checkbox"/> Heart Failure Management <input type="checkbox"/> Thromboembolic Event Management <input type="checkbox"/> Diabetes Management <input type="checkbox"/> Gastrointestinal Therapy Management <input type="checkbox"/> Cardiac Dysrhythmia Management <input type="checkbox"/> Medical Emergency Management
<p>2h. Develop plans for patient education on drug therapy and therapeutic lifestyle changes</p>	<p><i>Consider drug and non-drug therapy alternatives; Develop drug therapy plans that are patient-specific, comprehensive, logical, practical, consider current evidence-based medicine recommendations, include strategies for prevention, and include patient education; Develop and implement the pharmacotherapeutic plan promptly, efficiently, accurately, and effectively;</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Medication Intervention <input type="checkbox"/> Pneumonia Management <input type="checkbox"/> Heart Failure Management <input type="checkbox"/> Thromboembolic Event Management <input type="checkbox"/> Diabetes Management <input type="checkbox"/> Gastrointestinal Therapy Management <input type="checkbox"/> Cardiac Dysrhythmia Management <input type="checkbox"/> Medical Emergency Management
<p>2i. Document recommendations and services accurately and comprehensibly</p>	<p><i>Document accurate, logical, yet only pertinent information, including drug therapy directions (dosage, route, frequency, duration, monitoring parameters, and time of follow up) using correct terminology, spelling, and grammar</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> SOAP Note

3a. Analyze epidemiologic and pharmaco-economic data, medication use criteria, medication use review, and risk reduction strategies	<i>Participate in the Medication Use Evaluation process; Pursue the role of drug therapy practitioner over that of drug therapy advisor; Identify opportunities for decision-making</i>	<input type="checkbox"/> Pharmacy Data Management Activity <input type="checkbox"/> Non-formulary Request <input type="checkbox"/> Inpatient Protocol Development <input type="checkbox"/> Guideline Analysis
3b. Apply knowledge of protocol utilization for the initiation and modification of drug therapy	<i>Pursue the role of drug therapy practitioner over that of drug therapy advisor; Identify opportunities for decision-making</i>	<input type="checkbox"/> Inpatient Protocol Development <input type="checkbox"/> Guideline Analysis
3c. Develop population-based protocols for medication therapy management	<i>Formulate decision rationale that is the result of rigorous inquiry, scientific reasoning, and evidence; Pursue the highest levels of decision-making; Follow through with decisions</i>	<input type="checkbox"/> Inpatient Protocol Development <input type="checkbox"/> Guideline Analysis
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>	
4e. Develop proposals for establishing, marketing, and being compensated for medication therapy management and patient care services rendered	<i>Seek independence in making decisions and accepting personal responsibility for the outcomes to patients resulting from one's decisions; Follow through with decisions</i>	<input type="checkbox"/> Inpatient Protocol Development <input type="checkbox"/> Guideline Analysis
5a. Employ communication styles and techniques appropriate to the audience	<i>Effectively communicate, verbally and in writing with other health care professionals; Effectively communicate patient and/or medication self-management information to patients and health professionals; Demonstrate a positive attitude toward practice of pharmacy; Communicate effectively and appropriately</i>	<input type="checkbox"/> SOAP Note <input type="checkbox"/> Case Presentation <input type="checkbox"/> Journal Club <input type="checkbox"/> Team Care activity
5b. Work effectively within a multidisciplinary/ interdisciplinary environment	<i>Effectively communicate, verbally and in writing with other health care professionals; Effectively communicate patient and/or medication self-management information to patients and health professionals; Collaborate with patients, caregivers, and health professionals in a team approach to optimize drug therapy; Collaborate with pharmacy, nursing, and hospital team members to optimize medication distribution throughout the facility; Use good professional judgment and demonstrate ability to cope with a variety of situations; Communicate effectively and appropriately; Exercise punctuality and maintain expected attendance</i>	<input type="checkbox"/> Team Care activity <input type="checkbox"/> Drug Information Question
6a. Apply understanding to statistical methods	<i>Critically analyze and evaluate biomedical literature and use evidence to optimize patient care</i>	<input type="checkbox"/> Journal Club <input type="checkbox"/> Inpatient Protocol Development <input type="checkbox"/> Guideline Analysis
6b. Apply understanding of research design principles	<i>Critically analyze and evaluate biomedical literature and use evidence to optimize patient care</i>	<input type="checkbox"/> Journal Club <input type="checkbox"/> Inpatient Protocol Development <input type="checkbox"/> Guideline Analysis

6c. Evaluate research outcomes for validity	<i>Critically analyze and evaluate biomedical literature and use evidence to optimize patient care</i>	<input type="checkbox"/> Journal Club <input type="checkbox"/> Inpatient Protocol Development <input type="checkbox"/> Guideline Analysis
8a. Serve as reliable and credible source of drug information	<i>Provide concise, applicable, and timely responses to requests for drug information from health care professionals and patients</i>	<input type="checkbox"/> Drug Information Question
8d. Present effective educational programs and presentations to public and health care profession audiences	<i>Effectively communicate, verbally and in writing with other health care professionals; Prepare and present an educational program to a group of health care professionals or patients in an effective manner</i>	<input type="checkbox"/> Case Presentation
9a. Demonstrate knowledge of the impact of health care systems on pharmacy practice	<i>Participate in the Medication Use Evaluation process</i>	<input type="checkbox"/> Inpatient Protocol Development
11a. Take responsibility for gathering new knowledge	<i>Show initiative</i>	
11b. Demonstrate an ability to evaluate and utilize information resources	<i>Compare and contrast new information that is encountered during daily rotation activities with prior knowledge in order to assess its value and refine one's personal understanding</i>	<input type="checkbox"/> Inpatient Protocol Development <input type="checkbox"/> Guideline Analysis