

SPEP 1-3: Hospital 1 Learning Objectives

Pharmacy students are trained in accordance with the competency elements of the National Association of Pharmacy Regulatory Authorities (NAPRA)¹. The table below reflects 9 competency elements associated with learning objectives and specific learning activities. By the end of the SPEP Hospital 1 Rotation the student will be able, but not limited, to do the following:

| Professional Competency #1: Ethical, Legal and Professional Responsibilities | |
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| 1.1. | Maintain awareness of the legal requirements and regulations to the practice setting |
| | <ul style="list-style-type: none"> Describe workplace, safety, and other related legislation to the practice setting |
| 1.2. | Uphold ethical principles |
| | <ul style="list-style-type: none"> Behave in an ethical manner for the interest of the patient and the profession |
| 1.3. | Maintain awareness of illegal, unethical, or unprofessional actions or situations in practice |
| | <ul style="list-style-type: none"> Discuss emerging issues, products, services that may impact patient care |
| | <ul style="list-style-type: none"> Respond openly to positive feedback and modify behavior, if necessary |
| 1.4. | Apply principles of professionalism |
| | <ul style="list-style-type: none"> Maintain confidentiality when engaging in site specific or patient specific information |
| | <ul style="list-style-type: none"> Demonstrate respect for patients and other healthcare personnel |

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| <ul style="list-style-type: none"> Practice self-assessment by recognizing one's limitation and implementing a self-learning plan |
| <ul style="list-style-type: none"> Demonstrate accountability for actions and decisions |
| <ul style="list-style-type: none"> Display conscientiousness and follow through on tasks and actions |
| <ul style="list-style-type: none"> Discuss situations of actual and perceived conflict of interest |
| <ul style="list-style-type: none"> Utilize time efficiently and is punctual |
| <ul style="list-style-type: none"> Adhere to professional attire |
| 1.5. Document activities of practice |
| <ul style="list-style-type: none"> Discuss the benefits of documentation in the provision of health care |
| <ul style="list-style-type: none"> Identify situations in which documentation should and should not be shared with other health professionals or third parties. |
| Professional Competency #2: Patient Care |
| 2.1. Obtain information about the patient |
| <ul style="list-style-type: none"> Describe type of information contained in the health record, medication administration record, and medication profile |
| 2.2. Assess the patient's health status and concerns |
| <ul style="list-style-type: none"> Describe the appropriate procedure for contacting the prescriber and/or hospital staff with questions concerning a patient's drug-related problems |
| <ul style="list-style-type: none"> Identify at least 1 medication-related problem and the recommendation or intervention the pharmacist discussed with the prescriber |

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| 3.1. Dispense a product safely and accurately that is appropriate for the patient |
| <ul style="list-style-type: none"> Identify, read, and evaluate components of the prescription |
| <ul style="list-style-type: none"> Select, count, label, and package prescriptions accurately |
| <ul style="list-style-type: none"> Review a prescription for appropriateness of drug, route, dose, quantity, drug interactions, duplication, duration, allergies, patient specific conditions, and cost effectiveness |
| <ul style="list-style-type: none"> Enter prescriptions into a medication database |
| <ul style="list-style-type: none"> Under supervision, demonstrate aseptic techniques in preparing IV preparations |
| <ul style="list-style-type: none"> Under supervision, demonstrate the proper use of equipment and devices (including horizontal and vertical laminar flow hood) used in compounding sterile products |
| <ul style="list-style-type: none"> Describe the procedures for maintaining sterility of materials being assembled for compounding sterile products |
| <ul style="list-style-type: none"> Describe the procedures for the preparation, clean-up, and disposal of all types of medications |
| <ul style="list-style-type: none"> Explain the process to assure the work accuracy of pharmacy support personnel (technicians) |
| <ul style="list-style-type: none"> Perform calculations for compounding, dispensing, and administering medications |
| <ul style="list-style-type: none"> If applicable, prepare and compound extemporaneous preparations |
| <ul style="list-style-type: none"> Describe how medications are delivered to the patient unit for administration |
| <ul style="list-style-type: none"> Describe how medication/prescription orders are received in the pharmacy |
| <ul style="list-style-type: none"> List any automated dispensing methods or equipment used in the pharmacy |

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| <ul style="list-style-type: none"> Describe the process for assuring accuracy in all steps of processing prescriptions |
| <ul style="list-style-type: none"> Identify drug diversion and drug misuse in the pharmacy |
| Professional Competency #4: Practice Setting |
| 4.1. Familiarize with the operations in the practice setting |
| <ul style="list-style-type: none"> Discuss how medications and other equipment in the main dispensary are organized on the shelves (e.g. therapeutic class, generic/brand name, fast movers, formulations) |
| <ul style="list-style-type: none"> Describe the role of each pharmacy personnel (e.g. pharmacists, technicians) |
| 4.2. Be familiar with medication ordering, receipts, returns, and related inventory control |
| <ul style="list-style-type: none"> Identify who is responsible for inventory control at the site |
| <ul style="list-style-type: none"> Discuss how often it occurs and how long it takes to receive the order once it has been placed |
| <ul style="list-style-type: none"> Describe the procedures for storing, ordering, recording, and distributing of controlled (narcotic) medications |
| 4.3. Be familiar with record keeping activities to ensure safe, effective and efficient patient care |
| <ul style="list-style-type: none"> Review the policies and procedures of the pharmacy on medication storage, security, and quality assurance |
| <ul style="list-style-type: none"> Discuss the licensing and regulatory procedures for operation of the pharmacy |
| <ul style="list-style-type: none"> Discuss the requirements for obtaining a pharmacist license to work in a hospital pharmacy in Qatar |
| Professional Competency #5: Health Promotion |

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| 5.1. | Become familiar with the hospital's health promotion activities |
| | <ul style="list-style-type: none"> Under the supervision of the preceptor, provide advice to patients and other health care providers about preventive services |
| | <ul style="list-style-type: none"> Collaborate in patient-specific health promotion strategies involving the pharmacy |
| 5.2. | Become familiar with the hospital's public health activities, including initiatives for disaster, pandemic and emergency preparedness |
| Professional Competency #6: Knowledge and Research Application | |
| 6.1 | Apply knowledge and judgment into the decision-making process. |
| | <ul style="list-style-type: none"> Perform a literature search for at least 1 journal article that pertains to patient care at the rotation site; read and analyze the article with the preceptor |
| 6.2 | Respond to questions using appropriate strategies |
| | <ul style="list-style-type: none"> Identify and utilize medical references to answer drug information questions |
| 6.3. | Apply relevant information to practice |
| | <ul style="list-style-type: none"> Provide at least 1 drug information request to a health care provider under the supervision of the preceptor and document the response and the references utilized. |
| Professional Competency #7: Communication and Education | |
| 7.1 | Establish and maintain effective communication skills |
| | <ul style="list-style-type: none"> Use listening skills consistently when performing professional functions |
| | <ul style="list-style-type: none"> Use correct grammar, punctuation, and spelling in written communication |

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| <ul style="list-style-type: none"> • Use correct pronunciation of technical, medical, and pharmaceutical terminology |
| 7.2 Implement safe, effective and consistent communication systems. |
| <ul style="list-style-type: none"> • Communicate at the appropriate level for a given situation |
| <ul style="list-style-type: none"> • Communicate in a self-assured, confident manner |
| 7.3. Provide education to a group of patients or healthcare providers |
| <ul style="list-style-type: none"> • Prepare a 10-15 minute presentation that would be beneficial to the practice site |
| <ul style="list-style-type: none"> • Present a journal club to the preceptor or to the pharmacy staff (see 6.1) |
| Professional Competency #8: Intra and Inter-Professional Collaboration |
| 8.1. Maintain collaborative professional relationships |
| <ul style="list-style-type: none"> • Explain what collaborative care is with respect to pharmacists and other healthcare providers |
| <ul style="list-style-type: none"> • Discuss at least 3 benefits of collaborative care when it applies to patient care |
| <ul style="list-style-type: none"> • Describe the role of the pharmacist in hospital committees |
| <ul style="list-style-type: none"> • Identify at least 3 committees in which the pharmacist plays an active role, and state at least 1 benefit of having a pharmacist in each of these committees |
| 8.2. Understand the working relationships in collaborative teams |
| <ul style="list-style-type: none"> • Identify clinical services pharmacists perform in the hospital and discuss at least 2 benefits that these clinical services provide to the patient and/or healthcare team |

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| <ul style="list-style-type: none"> • State at least 3 clinical services (other than dispensing medications) provided by the pharmacist |
| Professional Competency #9: Quality and Safety |
| 9.1. Contribute to a culture of patient safety |
| <ul style="list-style-type: none"> • Understand and if possible, participate in patient safety initiatives |
| 9.2. Become familiar with continuous quality improvement and risk management activities related to pharmacy practice |
| <ul style="list-style-type: none"> • Recognize commonly used pharmacy abbreviations and medical terminology |
| <ul style="list-style-type: none"> • Recognize unsafe abbreviations used at the practice setting and discuss with the preceptor |
| <ul style="list-style-type: none"> • Become familiar with high-alert drugs used in the hospital |
| <ul style="list-style-type: none"> • Discuss with the preceptor the procedure if a medication incident, error, or adverse drug event occurs |