

Domain 1: Patient Care-Ensuring Appropriate Pharmacotherapy and Therapeutic Outcomes

The graduate will provide patient-centered care in cooperation with patients, prescribers, and other members of an inter-professional health care team based upon sound pharmacotherapy principles and evidence.

Competency

- 1.1 Evaluate patient data and make an assessment:
 - a. Identify and collect information from profiles, pharmacy and medical records, and patient (caretaker) history that will influence optimal drug choice and dosage,
 - b. Obtain a medical history (e.g., chief complaint, medical, medication management, financial, social, cultural, review of systems),
 - c. Conduct physical assessment, and
 - d. Assess patient quality of life.
- 1.2 Conduct a systematic review of the patient prior to recommending any drug or non-drug therapy:
 - a. Identify drug-related problems including adverse drug reactions, drug interactions, and/or suboptimal treatment,
 - b. Recognize common signs or symptoms indicative of disease control issues or drug-related problems,
 - c. Ascertain levels of chronic disease control,
 - d. Assess and address barriers to health care, and
 - e. Collaborate with the patient or patient advocate to prioritize problems.
- 1.3 Design and implement an individual patient-centered pharmacotherapy plan to maximize desired effects and minimize undesired effects:
 - a. Conduct a focused evidence-based review of the necessary literature to determine the best evidence to support pharmacotherapy recommendations, applying pharmaceutical science principles,
 - b. Select prescription or non-prescription medications (including doses and dosage schedules), applying both pharmaceutical science and therapeutic principles,
 - c. Evaluate patient factors that are relevant to selecting pharmacotherapy (e.g., sex, age, race, ethnicity, culture, and genetics),
 - d. Define treatment goals and plan to monitor pharmacotherapy for safety and effectiveness,
 - e. Consider non-drug therapy, therapeutic lifestyle changes, and preventive care issues,
 - f. Conduct patient education including verification of patient understanding of proper use of medication/device,
 - g. Implement interventions to prevent or remedy non-adherence, and
 - h. Implement interventions to resolve drug-related problems and unintended drug consequences.
- 1.4 Document patient care activities:
 - a. Document assessment and pharmacotherapy plan for individual patient encounters,
 - b. Record actions taken to achieve desired therapeutic outcomes, and
 - c. Document patient and provider education activities.
- 1.5 To demonstrate professional citizenship in the delivery of patient care:
 - a. Communicate with other health care professionals to obtain and share pertinent patient information and pharmacotherapy recommendations,
 - b. Perform duties in accordance with legal, ethical, social, economic, and professional guidelines,
 - c. Maintain professional competence by identifying and analyzing emerging issues, products, and services that may impact patient care, and
 - d. Recognize and solve problems using creativity, analysis, and intuition.

Domain 2: Dispensing and Pharmacy Resource Management

The graduate will manage and use resources of the health care system, in cooperation with patients, prescribers, and other health care providers and administrative and supportive personnel to promote health and to provide, assess, and coordinate safe, accurate, and time-sensitive medication distribution.

Competency

- 2.1 Demonstrate accurate, safe, and time-sensitive preparation, dispensing, and administration of pharmaceuticals:
 - a. Accurately transcribe verbal and written prescriptions and ensure appropriateness of these drug orders,
 - b. Accurately and safely compound and package drugs for distribution in appropriate dosage forms,
 - c. Select appropriate drug product, with respect to patient preference, manufacturing source, generic availability, and third-party reimbursement, and
 - d. Apply appropriate labeling, including patient-specific auxiliary labels.
- 2.2 Manage pharmacy resources to optimize pharmacotherapy outcomes:
 - a. Employ principles of personnel management to the operation of a pharmacy,
 - b. Use principles of fiscal resource management,
 - c. Employ medication distribution and control systems to operate the pharmacy efficiently, and
 - d. Evaluate and use appropriate automation and information technology to optimize medication dispensing and patient care.
- 2.3 Educate patients and health care providers about requirements for effective therapy:
 - a. Establish rapport with patients and other health care professionals to promote a team approach to patient care,
 - b. Counsel patients regarding purposes of their medications, potential adverse drug reactions, and other required information, and
 - c. Provide medication information to patients and health care providers to promote rational drug therapy.
- 2.4 To demonstrate professional citizenship in the distribution of medications:
 - a. Communicate with patients, providers, personnel, and other stakeholders to provide accurate and safe medication dispensing and resource management,
 - b. Perform duties in accordance with legal, ethical, social, economic, and professional guidelines,
 - c. Maintain professional competence by identifying and analyzing emerging issues, products, and services that may impact medication distribution and the pharmacy business, and
 - d. Recognize and solve problems using creativity, analysis, and intuition.

Domain 3: Health Improvement, Wellness, and Disease Prevention

The graduate will promote improved health, wellness, and disease prevention.

Competency

- 3.1 Demonstrate skills needed to participate in or provide preventive services:
 - a. Participate in disease prevention,
 - b. Provide lifestyle and wellness counseling,
 - c. Provide drug-therapy evaluation and monitor for medication safety, and
 - d. Participate in public health education programs.

- 3.2 Apply research processes to inform pharmaceutical policy:
 - a. Demonstrate the ability to conduct drug literature evaluations,
 - b. Design quality improvement projects to improve medication use,
 - c. Apply evidence-based principles when making pharmaceutical policy recommendations, including drug benefit design recommendations, and
 - d. Apply principles of pharmacoeconomics and outcome assessment.

- 3.3 To demonstrate professional citizenship to promote wellness and prevent disease:
 - a. Collaborate with various stakeholders pertaining to public health issues and pharmaceutical policy,
 - b. Perform duties in accordance with legal, ethical, social, economic, and professional guidelines,
 - c. Maintain professional competence by identifying and analyzing emerging issues, products, and services that may improve disease prevention and wellness and inform pharmaceutical policies, and
 - d. Recognize and solve problems using creativity, analysis, and intuition.