
Competency Statements

University of Arkansas for Medical Sciences College of Pharmacy

Approved 12-18-06, revised 04-10-2012 & 10-06-2015

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

The graduate will provide patient-centered care through shared decision making with patients, prescribers, and other members of an interprofessional health care team based upon sound pharmacotherapy principles and evidence incorporating social and cultural factors.

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 treatment 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 and address patient factors that are relevant to developing a treatment plan (e.g., sex, age, race, ethnicity, culture, literacy, sexual orientation, disability, health beliefs, health literacy, and genetics),
- d. Define treatment goals and plan to monitor pharmacotherapy for safety and effectiveness,

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- e. Consider non-drug therapy, therapeutic lifestyle changes, and preventive care issues,
 - f. Conduct patient education including verification of patient understanding of the treatment plan,
 - 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.

Domain 2: Dispensing and Pharmacy Resource Management

The graduate will manage and use resources of the health care system, through shared decision making with patients, prescribers, other members of an interprofessional health care team, and administrative and supportive personnel to promote health and to provide, assess, and coordinate safe, accurate, and time-sensitive medication distribution.

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 for individual patients and/or populations:

- 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.

Domain 3: Health Improvement, Wellness, & Disease Prevention

The graduate will promote improved health, wellness, and disease prevention for individual patients and/or populations through shared decision making with patients, prescribers, and other members of an interprofessional health care team.

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,
- d. Participate in public health education programs, and
- e. Neutralize social and cultural barriers to effective application of skills in preventive services.

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.

Domain 4: Personal and Professional Development

The graduate will demonstrate commitment to self-awareness, leadership, innovation and entrepreneurship, and professionalism.

4.1 Examine and reflect on personal knowledge, skills, abilities, beliefs, biases, motivation, and emotions that could enhance or limit personal and professional growth.

4.2 Demonstrate responsibility for creating and achieving shared goals, regardless of position.

4.3 Engage in innovative activities by using creative thinking to envision better ways of accomplishing goals.

4.4 To demonstrate professional citizenship in the delivery of patient care, distribution of medications, and promotion of wellness and disease prevention:

- a. Collaborate with patients, providers, personnel, and other stakeholders to obtain and share pertinent patient information and pharmacotherapy recommendations, provide accurate and safe medication dispensing and resource management, and advance public health issues and pharmaceutical policy,
- b. Perform duties in accordance with legal, ethical, social, economic, and professional guidelines, and
- c. Maintain professional competence by identifying and analyzing emerging issues, products, and services that may impact patient care, medication distribution and the pharmacy business, and may improve disease prevention and wellness and inform pharmaceutical policies.