

Foundational Knowledge

- 1 Utilize knowledge of chemistry, biology, and related disciplines to collect and analyze the clinical effects of therapy in order to identify and prioritize problems and achieve optimal care.
- 2 Apply pharmacogenomic principles to select optimal patient-specific drug recommendations.
- 3 Apply experimental concepts developed in laboratories to practice with the patient care process.

Essentials for Practice and Care

- 4 Collaborate with other health care professionals in the development of individualized patient-specific care plans.
- 5 Establish patients' goals of therapy and select the appropriate dosage form, formulation, route of drug administration, and /or medication delivery system.
- 6 Develop monitoring plans to determine effectiveness of care plan, to detect adverse drug effects, and to evaluate the actual or potential impact of drug-drug and drug-food interactions on patient health.
- 7 Assess an existing patient's therapy and recommend modifications to optimize patient care.
- 8 Employ professional practice standards to administer medication therapy to patients.
- 9 Address medication- and health-related problems of patients during transitions of care and contribute to coordination of care, including referral to another health care professional.
- 10 Utilize drug formularies to optimize drug therapy recommendations and improve access to medications.
- 11 Oversee a drug delivery system that provides medication to patients in a timely, safe, and efficient manner.
- 12 Use technologies effectively to carry out professional functions including dispensing medications and maintaining patient records.
- 13 Ensure the security, integrity, and proper storage of medication.
- 14 Ensure that medications are labeled appropriately.
- 15 Employ professional practice standards to compound the most commonly prescribed medications in acute (e.g. IV admixtures, total parenteral nutrition) and chronic care (e.g. oral suspensions, topical preparations) settings.
- 16 Use electronic payment systems effectively to receive payment for professional services and products.
- 17 Supervise pharmacy technician activities.
- 18 Collaborate with other health care professionals, patients, and caregivers to develop monitoring plans.
- 19 When appropriate, recommend education and self-management training to optimize the benefit-to-risk ratio of the selected therapies.
- 20 Participate in and perform medication use evaluations.
- 21 Identify the root cause(s) of patient safety problems related to medication use and make recommendations to optimize population outcomes.
- 22 Explain the process of therapeutic protocol development for an organization/health-system.
- 23 Understand the process for developing drug formularies at an organization/health-system.

Approach to Practice and Care

- 24 Maximize patient-specific appropriate medication use behaviors by determining the patient's level of adherence and self-monitoring.
- 25 Collaborate in the patient monitoring process by interviewing patients and performing targeted physical examinations.
- 26 Document findings of patient-specific monitoring data in an organized manner using appropriate medical terminology.
- 27 Assure that patients and caregivers understand the importance, nature, scope, and potential benefits and risks of the care plan being recommended.
- 28 Determine if patients and caregivers are able to appropriately use the medication regimen included in their care plan.
- 29 Respond to general medication information requests from patients, health professionals, and lay media.
- 30 Prepare and deliver educational programs to lay audiences regarding health promotion and appropriate medication use.
- 31 Prepare and deliver educational programs to health professionals regarding medication therapy.
- 32 Participate in health policy decision-making processes related to medication use by evaluating primary literature to assist policy makers and prescribers with making well-informed decisions about medication therapy.
- 33 Actively participate as an interprofessional healthcare team member by demonstrating mutual respect, understanding, and values to meet patient care needs.
- 34 Incorporate patients' cultural beliefs and practices into patient care activities while maintaining patient safety.
- 35 Identify appropriate sources of information and evaluate primary literature to synthesize answers to patient or provider-specific questions.
- 36 Influence patients to improve adherence to recommended care plans including lifestyle behaviors, medication regimens, and self-monitoring.
- 37 Communicate information to health care professionals, patients, and caregivers in a timely and effective manner.
- 38 Modify communications to meet the health literacy needs of patients and caregivers.

Personal and Professional Development

- 39 Recognize situations which are beyond one's own scope of practice or professional competence and refer patients to other health care professionals or institutions for advanced levels of care.
- 40 Demonstrate self-awareness, identify self-learning needs, and engage in a process of continual professional development.
- 41 Identify, analyze and advocate to improve emerging issues related to medication therapy and health.
- 42 Explain the steps involved in the medication-approval process in the United States, including specialty and investigational drugs.
- 43 Carry out responsibilities in accordance with legal, ethical, social, economic, and professional norms.