



## California Board of Pharmacy Content Outline

*For CPJE Examinations Taken On or After April 1, 2011*

### **I. Patient Medications**

**25 Items**

#### **A. Organize and Evaluate Information**

1. Obtain information from the patient/patient's representative for patient profile (diagnosis or desired therapeutic outcome, allergies, adverse reactions, medical history, etc.)
2. Obtain information from prescriber and/or health care professionals for patient profile (diagnosis or desired therapeutic outcome, allergies, adverse reactions, medical history, etc.)
3. Assess prescription/medication order for completeness, correctness, authenticity, and legality
4. Assess prescription/medication order for appropriateness (e.g., drug selection, dosage, drug interactions, dosage form, delivery system)
5. Evaluate the medical record/patient profile for any or all of the following: disease states, clinical condition, medication use, allergies, adverse reactions, disabilities, medical/surgical therapies, laboratory findings, physical assessments and/or diagnostic tests
6. Evaluate the pharmaceutical information needs of the patient/patient's representative
7. Assess prescription/medication order for insurance coverage

#### **B. Dispense Medications**

1. Enter prescription information into patient profile
2. Select specific product(s) to be dispensed for a prescription/medication order
3. Document preparation of medication in various dosage forms (e.g., compounded, unit dose)
4. Document preparation of controlled substances for dispensing
5. Verify label(s) for prescription containers
6. Select auxiliary label(s) for container(s)
7. Perform the final check of the medication prior to dispensing
8. Use automated dispensing equipment (e.g., Pyxis, Omnicell, Accu-Dose, ScriptPro)
9. Prepare finished dosage forms for dispensing (e.g., measure, count, reconstitute, compound, repackage, unit dose)

## II. Patient Outcomes

30 Items

### A. Determine a Course of Action

1. Determine desired therapeutic outcomes
2. Develop a therapeutic regimen for prescription medications (e.g., recommend alteration of prescribed drug regimen; select drug if necessary)
3. Assess changes in health status (e.g., onset of new disease states, changes in clinical condition)
4. Recommend/order necessary monitoring and screening procedures (e.g., blood pressure, glucose levels, drug levels)
5. Document monitoring and therapeutic management activities
6. Manage drug therapy according to protocols
7. Resolve problems that arise with patient's therapy (e.g., ADRs, drug interactions)

### B. Educate Patients and Health Care Professionals

1. Assess the patient's understanding of the disease and treatment
2. Counsel patient/patient's representative regarding prescription medication therapy and devices
3. Counsel patient/patient's representative regarding nonprescription medication (OTC)
4. Counsel patient/patient's representative regarding herbal/complementary therapies
5. Counsel patient/patient's representative regarding non-drug therapy
6. Counsel patient/patient's representative regarding self-monitoring of therapy (e.g., devices, symptoms)
7. Verify the patient's/patient representative's understanding of the information presented
8. Educate health care professionals (e.g., physicians, nurses, medical residents/fellows, other health care providers/students, precepting intern pharmacists)
9. Communicate results of monitoring to patient/patient's representative, prescriber and/or other health care professionals
10. Respond to consumer inquiries (e.g. internet searches, media information, FDA patient safety alerts, radio/television commercials)
11. Provide supplemental information, as indicated (e.g., medication guides, computer generated information, videos)

## III. Pharmacy Operations

20 Items

### A. Procure Pharmaceuticals, Devices and Supplies, and Control Inventory

1. Place orders for pharmaceuticals, durable medical equipment, devices and supplies, including expediting of emergency orders
2. Maintain a record-keeping system of items purchased/received/returned in compliance with legal requirements (e.g., dangerous drugs, devices, supplies)
3. Maintain a record of controlled substances ordered, received, stored and removed from inventory
4. Dispose of expired or recalled pharmaceuticals, durable medical equipment, devices, supplies and document actions taken

5. Communicate changes in product availability (e.g., formulary changes, recalls, shortages) to pharmacy staff, patient/patient's representative, physicians and other health care professionals
6. Maintain policies and procedures to prevent theft and/or drug diversion

**B. Perform Quality Assurance/Improvement**

1. Assess pharmacist and/or pharmacy technician competence
2. Ensure the accuracy of medication administration
3. Participate in a system for medication error prevention, assessment, and reporting (e.g., root cause analysis, National Patient Safety Goals, medication error reduction program)
4. Participate in a system by which adverse drug reactions are documented, analyzed, evaluated and reported

**C. Manage Operations, Human Resources and Information Systems**

1. Monitor the practice site and/or service area for compliance with federal, state and local laws, regulations and professional standards/guidelines
2. Supervise the work of pharmacy staff
3. Ensure the availability, control, and confidentiality of patient and prescription information (e.g., patient profiles, medication administration records)

**D. Manage Medication Use System**

1. Maintain a formulary system
2. Apply therapeutic interchange
3. Conduct medication use evaluations

**TOTAL 90 questions  
including 15 unscored pretest items**