

Business and Professions Code section 4200.2 provides: When developing the California Practice Standards and Jurisprudence Examination for Pharmacists, the board shall include all of the following: (a) Examination items to demonstrate the candidate's proficiency in patient communication skills. (b) Aspects of contemporary standards of practice for pharmacists in California, including, but not limited to, the provision of pharmacist care and the application of clinical knowledge to typical pharmacy practice situations that are not evaluated by the North American Pharmacy Licensure Examination.



California Board of Pharmacy Detailed Content Outline Effective June 1, 2022

1. PATIENT INFORMATION AND PRESCRIPTION EVALUATION: PRACTICE STANDARDS AND JURISPRUDENCE	TOTAL: 23
A. Collect, Organize, and Evaluate Information	
1. Obtain information from the patient/patient's representative for patient profile (e.g., diagnosis or desired therapeutic outcome, allergies, adverse drug reactions, medical & medication history)	
2. Obtain information from prescriber and/or health care professionals for patient profile (e.g., diagnosis or desired therapeutic outcome, allergies, adverse drug reactions, medical & medication history)	
3. Obtain information from the patient's medical record for patient profile (e.g., diagnosis or desired therapeutic outcome, allergies, adverse drug reactions, medical & medication history)	
4. Assess prescription/medication order for completeness, correctness, authenticity, and legality	
5. Assess prescription/medication order for appropriateness (e.g., drug selection, dosage, drug interactions, dosage form, delivery system)	
6. Evaluate the medical record/patient profile for any or all of the following: disease states, clinical condition, medication use, allergies, adverse drug reactions, disabilities, medical/surgical therapies, laboratory findings, physical assessments and/or diagnostic tests	
7. Perform physical assessment (e.g., vital signs/blood pressure measurement, observations of signs/symptoms)	
8. Perform health screening (e.g., blood glucose checks, diagnostic tests)	
9. Evaluate the pharmaceutical information needs of the patient/patient's representative	
B. Dispense Medications	
1. Determine the appropriate product(s) to be dispensed for a prescription/medication order	
2. Document preparation of medication in various dosage forms (e.g., compounding, repackaging)	
3. Meet the regulatory requirements associated with preparation and dispensing of controlled substances	
4. Verify label(s) for prescription containers	



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5. Perform the final check for medications, products, preparations, or devices prior to dispensing
6. Use automated drug delivery systems
7. Administer immunizations
8. Administer medications and biologicals as ordered by a prescriber, per protocol, or scope of practice
9. Participate in compounding (sterile and non-sterile)

2. CLINICAL PRACTICE: PRACTICE STANDARDS AND JURISPRUDENCE

TOTAL: 27

A. Determine a Course of Action

1. Develop a therapeutic regimen for prescription medications (e.g., recommend alteration of prescribed drug regimen, select drug if necessary, perform medication therapy management)
2. Determine appropriateness of non-prescription medications as part of a treatment plan (e.g., product selection, duration of therapy)
3. Determine appropriateness of non-drug therapy as part of a treatment plan (e.g., self-care, lifestyle modification)
4. Collaborate with health care team and patient to determine goals of therapy and course of action
5. Assess changes in health status (e.g., onset of new disease states, changes in clinical condition)
6. Perform monitoring and therapeutic management activities
7. Manage drug therapy according to protocols or scope of practice
8. Use a formulary system (e.g., therapeutic conversions and interchanges, advising patients and prescribers, tier/formulary restrictions, insurance formularies, evaluation of products, guidelines)
9. Resolve problems that arise with patient's therapy (e.g., adverse drug reactions, drug interactions, non-adherence)
10. Make evidence-based pharmacotherapy decisions
11. Assess patient for immunization needs
12. Resolve problems with medication affordability (e.g., insurance coverage, patient assistance programs, manufacturer cost reduction program)
13. Perform medication reconciliation (including high-risk hospitalized patients)
14. Recommend/order necessary monitoring procedures (e.g., renal/hepatic function, glucose levels, EKG, drug levels)
15. Initiate pharmacist-provider therapies (e.g., immunization, hormonal contraceptives, smoking cessation, travel-related medications)

B. Educate Patients and Health Care Professionals

1. Assess the patient's/patient representative's understanding of health information (e.g., disease state, prevention, treatment plan)
2. Counsel patient/patient representative regarding prescription medication therapy and devices
3. Counsel patient/patient representative regarding nonprescription medication (OTC)



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4. Counsel patient/patient representative regarding herbal/complementary/alternative therapies	
5. Counsel patient/patient representative regarding non-drug therapy (e.g., self-care, lifestyle modification)	
6. Counsel patient/patient 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., precepting intern pharmacists and answer drug information questions from health care providers/students)	
9. Communicate results of monitoring to patient/patient's representative, prescriber, and/or other health care professionals	
10. Provide supplemental information as indicated (e.g., medication guides, CA pharmacist provided therapy)	
3. PHARMACY OPERATIONS: PRACTICE STANDARDS AND JURISPRUDENCE	TOTAL: 25
A. Pharmaceuticals, Devices and Supplies, and Inventory Control	
1. Ensure quality specifications for pharmaceuticals, durable medical equipment, devices, and supplies (e.g., sourcing, track and trace, storage)	
2. Place orders for devices, supplies, and pharmaceuticals (including controlled substances)	
3. Maintain a record-keeping system of items purchased/received/returned in compliance with legal requirements(e.g., dangerous drugs, devices, supplies)	
4. Maintain a record of controlled substances ordered, received, stored, and removed from inventory	
5. Dispose of expired, returned, or recalled pharmaceuticals, durable medical equipment devices, supplies, and document actions taken	
6. Respond to changes in product availability (e.g., drug shortages, recalls)	
7. Prepare for and respond to emergency situations	
8. Design and implement policies to prevent theft and/or drug diversion	
B. Perform Quality Assurance/Improvement	
1. Assess competence of pharmacy personnel (e.g., pharmacists, technicians, interns, clerks)	
2. Ensure the accuracy of medication administration (e.g., infusion pump reports, barcode medication administration, device re-education)	
3. Participate in a system to monitor quality measures and improve patient outcomes (e.g., medication use evaluations, medication error reduction program)	
4. Participate in a system to monitor/improve medication use including quality assurance programs (e.g., opioid stewardship, standard ordersets, peer review, self-evaluation)	
5. Participate in a system for medication error prevention, assessment, and reporting (e.g., root cause analysis, National Patient Safety Goals, medication error reduction program)	



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6. Participate in a system by which adverse drug reactions and interactions are prevented, documented, 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 personnel (on-site and remote)
3. Ensure the availability, control, and confidentiality of patient and prescription information (e.g., patient profiles, medication administration records)
4. Participate in the development of pharmacy policies and procedures, protocols, order sets, and/or therapeutic guidelines
5. Participate in the use of pharmacy information systems and technology (e.g., electronic health record, e-prescribing, automated drug dispensing systems, CURES)

Total: 75