



CALIFORNIA
STATE BOARD
OF PHARMACY

STATE OF CALIFORNIA



DEPARTMENT OF CONSUMER AFFAIRS

OFFICE OF PROFESSIONAL
EXAMINATION SERVICES

Multistate Pharmacist Jurisprudence Examination (MPJE) Review

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Overview

- ▶ About the Office of Professional Examination Services
- ▶ Laws, Standards and Guidelines
- ▶ Purpose of the Review
 - ▶ Psychometric Evaluation
 - ▶ Content Evaluation
- ▶ Multistate Pharmacist Jurisprudence Exam Description
- ▶ Overall Findings and Conclusion

About the Office of Professional Examination Services (OPES)

- ▶ OPES provides:
 - ▶ Professional consulting services in examination development and validation to DCA's boards, bureaus, and committees
 - ▶ Recommendations based on legal requirements, professional guidelines, and technical standards related to licensure examinations

Laws, Standards, and Guidelines

- ▶ **Business and Professions Code section 139**
- ▶ **Standards for Educational and Psychological Testing**
(American Educational Research Association, American Psychological Association, National Council on Measurement in Education)
- ▶ **Principles for the Validation and Use of Personal Selection Procedures**
(Society of Industrial and Organizational Psychology)

Purpose of the Review

- ▶ To review the evidence that supports the use of MPJE scores for making pharmacist licensure decisions in California
 - ▶ **Psychometric evaluation**
Evaluate the methodology National Association of Boards of Pharmacy (NABP) uses to develop, administer, and score the MPJE in relation to professional guidelines and technical standards
 - ▶ **Content evaluation**
Evaluate whether critical California-specific entry-level competencies would be testable under the nationally uniform MPJE content outline.

Psychometric Evaluation



Evaluate procedures for conducting occupational analysis



Evaluate procedures for developing examinations and scoring protocols



Evaluate standard setting procedures and passing rates



Review administration and score reporting procedures



Review examination security procedures

Content Evaluation

- ▶ Subject Matter Experts (SMEs) link national examination content to California practice
- ▶ SMEs identify any critical entry level areas of California practice that are not assessed



OPES Recommendations



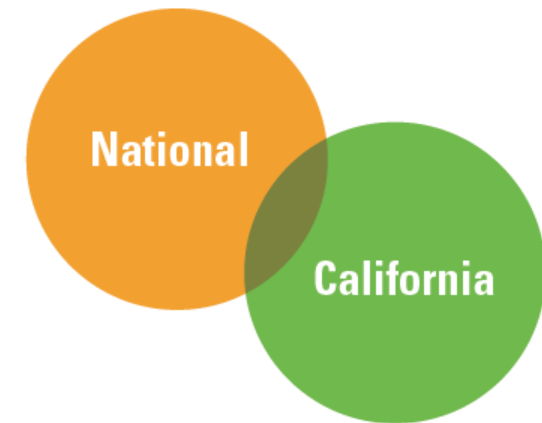
OPES recommendation:

- National examination
- California law examination



OPES recommendation:

- National examination
- California-specific law and practice examination



OPES recommendation:

- California examination

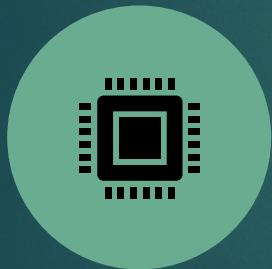
MPJE Description



Assesses candidate's knowledge of laws and regulations specific to each state or jurisdiction



Must be taken for each jurisdiction in which licensure is sought



Computer-adaptive, 2.5-hour examination



120 items (100 scored, 20 pretest)

Overall Findings

- ▶ Sufficient evidence of validity for use in California found in three areas:
 - ▶ Test development* and scoring procedures
 - ▶ Test administration and score reporting procedures
 - ▶ Test security procedures
- ▶ Insufficient evidence of validity for use in California found in two areas:
 - ▶ Occupational analysis methodology
 - ▶ Standard setting methodology

MPJE Review

Thank you