Validity Evidence for Use of an Objective Structured Clinical Examination (OSCE) in Anesthesiology Certification


Confirms the compatibility of OSCE and clinical evaluations as methods in reflecting longitudinal growth.

The oral examination is complementary to the written certifying examinations.

The standardized oral exam and the OSCE measure distinct constructs.

A description of the development, administration, and scoring of the ABA’s OSCE.

Validity Evidence for the Use of OSCEs

With appropriate attention to design, acceptable reliability and validity can be achieved for the OSCE.


12 tips for developing an OSCE guided by Kane’s validity framework.

The Oral Certification Exam tests different knowledge, skills, and abilities than the Qualifying Exam.


The concept of the OSCE as a tool for performance-based assessment in simulated environment is described.


A survey about the psychometric quality of OSCEs as used in Family Practice (FP)/General Practice (GP) training programs.


Administration of a surgical OSCE can be used to evaluate preoperative and intraoperative decision making and complement other forms of assessment.


This OSCE is a feasible method for obtaining moderately reliable, valid data not available from other sources about the clinical performance of residents.


Provides validity evidence to support the use of the Procedural Skills-OSCE as an in-training examination.


Demonstrates the construct-related validity and generalizability of these high-stakes OSCE scenarios.

The OSCE is a useful tool for teaching basic clinical skills and for forming initial impressions of interns’ clinical styles and abilities.

Encouraging results for the predictive and construct validity of the OSCE as an assessment of clinical competence.

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VESCA offers a promising means to enhance validity and fairness in distributed OSCEs or national exams.