



DIGITAL HEALTH

Measuring What Matters: AI Standardized Patients and the Future of Competency Assessments for Health Care Professionals



GUEST SPEAKER

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David Duong, MD, MPH, is Director of Global Primary Health Care at Harvard Medical School and a practicing primary care physician at Brigham and Women's Hospital. His work focuses on digital health, artificial intelligence, and strengthening primary care systems to improve health equity and access to quality care. He leads innovative programs that use technology to support health care workforce development in underserved communities worldwide.



ABSTRACT

Health care quality is multidimensional, encompassing not only clinical knowledge but also reasoning, communication, decision-making, and other aspects of provider performance. However, commonly used assessment tools, including multiple-choice examinations and clinical data audits, capture only a portion of these competencies. Standardized patients and direct observation can provide richer measures of clinical performance, but they are difficult and costly to scale.

Advances in generative AI may offer a new approach. AI-enabled standardized patients can simulate interactive clinical encounters, allowing health care workers to engage in open-ended conversations, make clinical decisions, and receive structured assessment of their performance. This talk will examine the emerging field of AI-enabled standardized patients for clinical competency assessment, drawing on recent research and application examples from the United States and globally.



DATE

October 16, 2026



TIME

11:00 AM
Arizona Time



FORMAT

Virtual Seminar

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