

# THE AWARDS ASIA 2021

## Teaching and Learning Strategy of the Year

<b>Institution name</b>	Gulf Medical University
<b>Submission title or project name</b>	Using AI-based Virtual Patient for Distance Problem-Based Learning and distance Assessment of Clinical Competencies in Health Profession Education
<b>Nominee/key personnel</b>	Prof. Hossam Hamdy, Chancellor
<b>URL</b>	<a href="https://gmu.ac.ae/innovations-in-ai-students-assessments-wins-two-education-oscars-for-gulf-medical-university-at-qs-reimagine-awards-2020/">https://gmu.ac.ae/innovations-in-ai-students-assessments-wins-two-education-oscars-for-gulf-medical-university-at-qs-reimagine-awards-2020/</a>
<b>Submission</b>	<p>The Virtual Patient Learning (VPL) initiative, developed and implemented at GMU, addresses the need and the challenge of how innovation and digital technology can be used for the learning, teaching, training, and assessment in health profession education.</p> <p>At GMU, Problem-Based Learning (PBL) is one of the main education strategies, particularly in the medical program.</p> <p>VPL is an online simulation system, based on AI and pre-recorded movies, in which the learner plays the role of a physician who meets a (simulated) patient. It has been developed by medical education experts at GMU and 300 medical students have now used it in the pre-clerkship and clerkship phase.</p> <p>The VPL teaching strategy helped students to actively engage in gathering information and motivated self-directed learning. VPL is highly authentic and extends beyond the simple acquisition of knowledge, we believe that it will gradually replace traditional less authentic forms of PBL.</p>