

RUN LEARNING AND TEACHING AWARDS 2023

Name: Vandana Gulati

Institution: University of New England

Title: Interactive Real Patient Video-based Case studies increased student engagement and motivation in Pathophysiology (PSIO230) Unit

Abstract: As a unit coordinator for a fully online unit Pathophysiology (PSIO230), with diverse students from rural-regional areas, re-development process was designed to increase the student engagement by replacing the traditional assessments (literature review and mid-trimester exam) to the interactive real patients' video-based case studies.

The research-based questions were built and embedded after each short video-clip patient's describing their journeys of a disease and treatment plans. Additional topic, 'Health issues in First Nation Australians' was added to address their needs and challenges as around 4% students are from indigenous background. Online Light board activities were included to show the differentiation between the normal tissue physiology compared to the pathological one.

Students loved these changes and commented, 'preferred the real-patient assessment over reading textbooks', found 'assessments as a holistic method of learning' and 'felt inclusivity in this unit and light board drawings were very clear'. Students' intellectual stimulation and overall satisfaction was found to have increased consistently since these changes were implemented.