Large-scale immersive AR/VR tutorial launched in Medicine

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As part of the Inspired Learning Initiative, the first AR/VR immersive tutorial in the Medicine faculty was run on March 6. Medical students often have little exposure to ophthalmology during their studies.

This tutorial aimed to trigger empathy learning via virtual and augmented reality experiences of visual impairments resulting from different eye diseases. Thirty-eight students participated in this first class – the largest group of students experiencing AR/VR at one time at UNSW.
This innovative teaching method was developed in collaboration with POWH Ophthalmologists/UNSW lecturers (Dr Jenny Hepschke, A/Prof. Michael Hennessy), PVCE educational developers (Dr Naila Even, Dr Enoch Chan) and PVCE Immersive Technologies developers (Carlos Dominguez, Seyha Sok).

Its pedagogical application was carefully designed using peer-reviewed science and ophthalmology expertise. Content will be revised regularly based on learning analytics and student feedback (Witmer, Jerome & Singer 2005).

If you are interested in using AR/VR in class, contact Carlos (luis.dominguez@unsw.edu.au) or visit the LITE ROOM beside the IT service desk on Kensington campus.