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Medical education in Singapore goes Ã¢â?¬Ë?Holographic' with mixed reality from Microsoft

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NUS Yong Loo Lin School of Medicine partners with Microsoft to use holographic technology to teach medical and nursing undergraduates



From April 2022, medical and nursing students at NUS Yong Loo Lin School of Medicine in Singapore will be using three-dimensional holographic technology from Microsoft to help them learn certain medical procedures and study anatomical structures.

The collaboration, which spans NUS Medicine, the National University Health System and Microsoft, adds mixed reality to the learning experience; named Project Polaris. Through holographic technology, medical and nursing undergraduates can expect to better hone their skills through training enabled by the Microsoft HoloLens 2.

This progressive use of mixed reality in healthcare education stems from Microsoft's work with the National University Health System, which is embarking on Holomedicine research in Singapore with the aim to enhance patient care.

The medical and technical expertise of NUS Medicine and Microsoft will pave the way for the development of a niche technological competency, in which clinical training tools can be developed to introduce realistic clinical scenarios for use in medical education.

Photo credit: Microsoft Singapore and NUS Yong Loo Lin School of Medicine