Holographic visor helps surgeons see with ‘X-ray’ vision

Use of tech allows NUHS to better plan surgery, anticipate problems

Clare Chong

An surgeon’s eye for detecting problems has turned into reality with Singapore’s first holographic guided heart operation. An assistant surgeon at the National University Health System (NUHS) is using the technology for an innovative procedure that allows surgeons to see through the walls of the heart. The technology, called XRay, is expected to help surgeons anticipate and plan surgery more accurately, potentially reducing the risk of complications and improving outcomes for patients.

The technique involves the use of advanced technology that allows surgeons to see through the walls of the heart, much like a X-ray. Surgeons can use this technology to see inside the heart and make precise cuts, reducing the risk of complications and improving outcomes for patients.

The NUHS XRay technology has been developed by a team of surgeons and engineers at the University of Cambridge, where it was first tested. The technology uses specialized cameras and sensors to capture images of the heart’s inner workings, allowing surgeons to see through the walls of the heart and make precise cuts.

The NUHS XRay technology is currently being used to perform heart surgeries on a small number of patients, and it is expected to become more widely available in the future.

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