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Taiwanese startup Surglasses deploys Caduceus S surgical navigation system in Thailand

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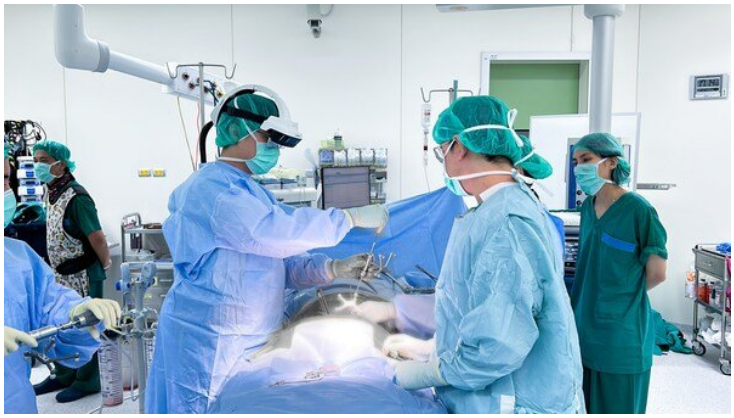
An advanced tool specifically designed for augmented reality spine surgery



Leading augmented reality (AR) medical technology startup Surglasses, based in Taiwan, has announced that in collaboration with exclusive distributor Goodlifeintertrade, it has successfully registered and clinically implemented its AR-based Caduceus S surgical navigation system in Thailand.

This groundbreaking system is designed to assist various minimally invasive surgeries, significantly enhancing surgical precision and patient outcomes.

The first AR-guided surgery using only the C-arm in Thailand was successfully performed at Thailand Veterans General Hospital by Dr Chaiyos Chaichankul. The 78-year-old patient had preoperative symptoms of leg numbness, radiating pain, and difficulty walking. After the surgery, the patient's nerve numbness in the legs disappeared, and the pain was significantly reduced.

The day after the surgery, the patient could sit up and walk, and was discharged four days later, resuming work in two weeks. Dr Chaiyos Chaichankul remarked, "The AR technology of the Caduceus S surgical navigation system allows us to precisely locate and treat the affected area, greatly increasing the success rate of surgeries and accelerating patient recovery."

The Caduceus S AR surgical navigation system is an advanced tool specifically designed for augmented reality spine surgery. Through its 3D visualisation capabilities, surgeons can clearly view the internal anatomy of patients during procedures, including bones, tissues, and organs, thereby improving surgical accuracy and outcomes. The AR navigation technology also allows for future collaboration with remote clinicians through shared visualisation and real-time communication, providing guidance during collaborative patient care.