

Poster Presentation

## [DESp3]Medical VR

Special Topics of Interest on AR/VR and Hyper Reality

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

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### [DESp3-1L]Towards Next Generation Neurosurgical Microscope: A VR Assisted Prototype System

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Keywords:VR assisted surgery, Stereo Microscope, Neurosurgery, Virtual Reality

We aim to develop a Virtual Reality assisted neurosurgical microscope system that displays medical information from multiple resources even with a single display. For this ultimate purpose, we developed a prototype system. We conducted a small user study to discuss both hardware and software issues to be improved.