

Osaka University Graduate School of Medicine Dept. of Gastroenterological Surgery — Small Conferences for Medical Students

Introduction

On June 1, 2018 at Osaka University's Graduate School of Medicine's Dept. of Gastroenterological Surgery a test of the HoloeyesXR service was carried out during a small conferences for medical students.

After explaining an operation using a video of an actual surgery, the students used a VR application of the same case to view a 3D construct of the operating theater in virtual reality.



Student comments

"I wish we had VR when I was studying anatomy."

"It was hard to understand the anatomy by watching an operation but I understood much better using VR."

"I quit surgery because autopsies were difficult for me, but I'd like to continue surgical studies if I could study using VR."

"I think my learning would progress faster using VR."

Faculty Comments

"There are students who give up on surgery due to the difficulty of dissections," says Dr. Yukinori Kurokawa. "I think VR can more quickly train them to perform procedures and I'd like to see it introduced."

Dr. Naoyoshi Hashimoto echoed these sentiments, saying: "I learned dissection by reading a book. I think VR will make it much easier for students to learn dissection. I wish they had VR when I was a med student!"