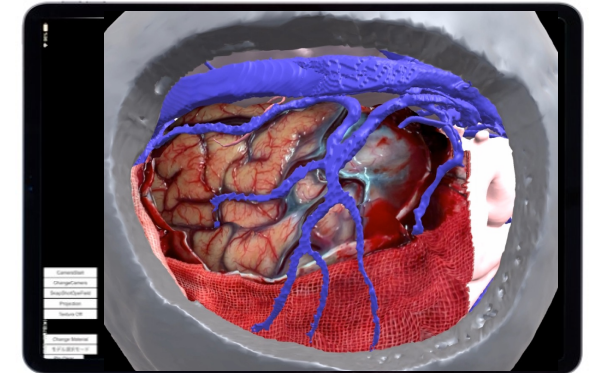


Subject of Research

Development of mixed-reality surgical support software that integrates pre-and-operative information

Overview

- Develop a tablet application software for surgical support using mixed-reality technology.
- The developed application allows any hospital to use a surgical navigation system that has only been available at a limited number of large hospitals.
- This revolutionary concept will allow each physicians to have his or her own medical device.



Business Models(when applying)

- Primary clients were surgeons (6,000 neurosurgeons and 60,000 surgeons).
- Subscription format at 50,000 yen/year per license.
- The developed application has three functions: 1) surgical navigation, 2) fusion and efficient display of various medical data, and 3) storage of case data.

Activity Planning(when applying)

- Complete the prototype and verify its accuracy and usefulness.
- Release a simplified version of the prototype to acquire potential customers and obtain feedback from the market.
- Create an intellectual property map of the new technologies.
- Identify and modify business model issues.

