

Development of a microsurgery assistance robot and a training system. （ F.MED Co., Ltd.）



- Business Plan
Develop a microsurgery assist robot. Extremely delicate tool manipulation skill is required to perform microsurgery, and this difficulty limits the number of performing surgeons. This project aims to develop a robot which maximizes the safety and stability of microsurgery. It also targets to have enough quality to meet medical device regulatory standards. In addition, we develop a training system which assists surgeons to learn safe robot operation efficiently.
- Research Outline
In this project, we develop the first generation commercial product which assists safe and efficient microsurgery. Also, it is in scope to reach the quality to comply with regulatory standards.

The project consists of the following topics.

- 1. Development of microsurgery assistance robot
- 2. Development of training system of microsurgery assistance robot.

City	Year of Establishment	Founder
Fukuoka, Japan	2021	Keita Shimomura Susumu Oguri

Partner VC	Latest round of Fundraising	Valuation
FFG Venture Business Partners	Series A	Non-Disclosure

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Healthcare	STS 2024～2025FY	JPY 215 million	—

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