

Programs to Improve Excretory Dysfunction between Japan and Thailand

• **Background information on local conditions and needs :**

In Thailand, colorectal cancer anal conservation surgery is in its infancy, and the importance of postoperative rehabilitation has been neglected. Since many patients suffer from a decline in postoperative quality of life, we thought it necessary to implement measures to improve patient quality of life in Thailand.

• **Business purpose :**

To address the current situation in Thailand where rehabilitation in the peri-operative period for colorectal cancer patients is neglected, the project will conduct technology transfer and dissemination activities involving academia on how to use MyoWorks+ (biofeedback rehabilitation device) to improve quality of life to improve the prognosis of postoperative patients. Interactive implementation of technology transfer and dissemination activities with academia.

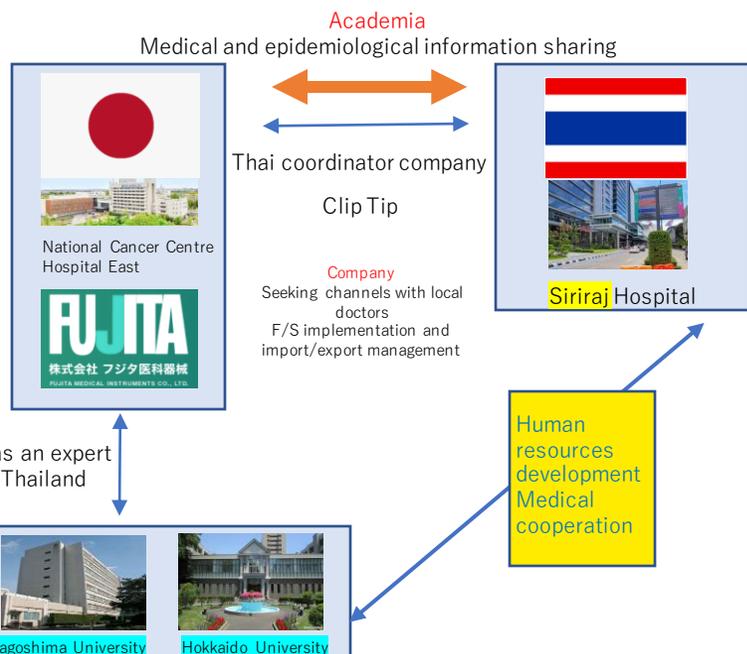
• **Business overview :**

Visualization of medical cooperation between Japan and Thailand in the implementation of post-operative rehabilitation in both direction.

→Japanese medical institutions (National Cancer Centre Hospital East, Dr Nishizawa, Colorectal Surgery, and Jichi Medical University, Dr Mimura Dr Homma, Dr Kawahira, Hokkaido University Dr Watanabe Dr Ara Kagoshima University, Dr Ieiri) explained the usefulness of biofeedback, the current situation in Japan and the effect of improving prognosis to the core hospitals in Bangkok. Explanation on the handling of rehabilitation equipment, where to export the acquired rehabilitation data and how to view the data accumulated on the server, as well as the accumulation and confirmation of test data.

• **Expected outcomes and subsequent spillover effects :**

Guidance and effectiveness of post-operative rehabilitation based on visualized data that contributes to improving the prognosis and quality of life of patients are expected.



Training Schedule plan

Dec 2022 - February 2023 (approximately 3 months)

Target group in local human resources perfusion 2 to 3 for colorectal specialists and 2 to 3 for medical personnel from local core hospitals. also 7 Japanese doctors.

Exchange of personnel and information between several doctors in colorectal and pediatric surgery, as well as the transfer of medical technology.

Dec 2022 – Feb 2023 (about 3 months)

Observation visits and exchange of views on the level of medical practice in Japan and Thailand.

Formulate an agreement to collect joint clinical data from both Japan and Thailand.