

# Aba Inc.



- ❑ Address: Chiba Prefecture
- ❑ Employees: 29
- ❑ Established in 2011
- ❑ Business: R&D, planning and sales of nursing care robots

<https://www.aba-lab.com/>

## Outline of the demonstration project

- Development and introduction of the Helppad, an excretion care system developed in Japan to solve the shortage of nursing staff

## Cooperation with local companies/governments

- Local partner: Leave a Nest Singapore Pte.Ltd.
- Details of cooperation and collaboration: Introduction of local companies, provision of field trials and other support for local business development



## Targeted economic/social issues

- In Singapore, the aging of the population is progressing rapidly.
- Issues include a shortage of human resources for nursing care, and a lack of know-how related to the development of human resources for nursing care.
- On the other hand, Singapore is proactive in utilizing digital technology, and solutions using digital technology are beginning to be proactively introduced in the healthcare field as well.

## Details of demonstration

- Demonstration of the introduction of Helppad, an excretion care system from Japan that supports burdensome excretion care, which is the biggest issue for both caregivers and care recipients.
- The system uses an odor sensor to detect both urine and feces without attaching a machine to the body. In addition, the data is managed in the cloud, and the accumulated data is used to realize efficient nursing care, such as visualization of excretion patterns and guiding to the toilet.

## Expected outcome of beneficiary effects

- Creation of new markets by promoting the dissemination of excretion care systems.
- After achieving results in Singapore, reimporting the introduction of ICT in the nursing care field into Japan's same field will contribute to solving nursing care issues in Japan