INRS07

Rehabilitation and Nursing Care Robot Promotion Event

― 3 Years of Efforts and Achievements ―

Koji Tawara Non-profit organization TawaLab,Japan

Background

The use of robots in rehabilitation is not only effective in improving work efficiency but also in neurophysiological recovery.

It is essential to improve the **Robot Literacy** of therapists and patients as these devices become more widespread.

However, the use of robots in rehabilitation and nursing care has not yet become widespread.

We held an innovative event to make advanced devices used in rehabilitation and nursing care more accessible and **to break down the mental barriers** preventing the spread of these advanced devices.

Method

A sports event using exoskeletons and the latest electric wheelchairs was held in Fukuyama, Hiroshima, Japan from 2021 to 2023[Fig,1].

And materials from domestic and international manufacturers of rehabilitation and care robots were displayed in one area of the venue, similar to a congress exhibition booth[Fig,2].

The event name was coined from a combination of the words "**robot**," "**human**," and "**Olympic**," resulting in the name **"RoboJimPic"**.

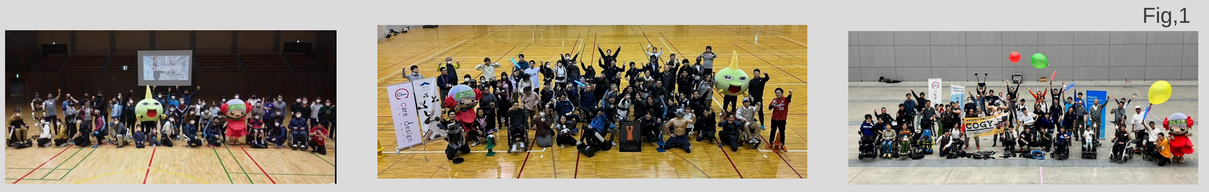
Result

Many participants attended "RoboJimPic," and they interacted proactively with advanced devices through the competition[Fig,3].

In addition, the event was covered by many media outlets, creating a social impact.

In 2023, we were invited to Tokyo to organize a **workshop-style RoboJimPic**[Fig,4].

And RoboJimPic in workshop-style will be held at the World Physiotherapy Congress 2025 in TOKYO!!



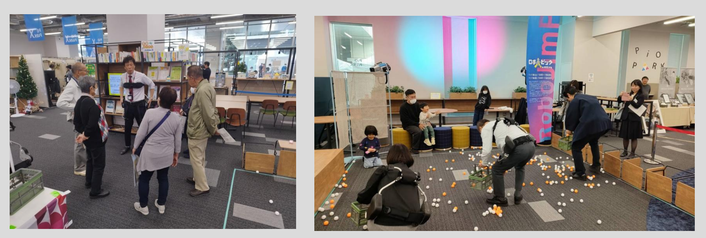
Fig,1



Fig,2



Fig,3



Fig,4

Discussion

"Robojimpic" is an innovative event that directly facilitates the introduction and spread of robots by using commercialized equipment.

We believe it is significant to hold such events not only in Japan but also in other countries that will eventually face an **aging society** and **limited healthcare resources**.

Additionally, enjoying interaction with advanced devices will not only increase interest but also provide **new promotional opportunities** for rehabilitation and care robot companies.

Koji Tawara

Non-Profit Organization “TawaLab”,Hiroshima, Japan

