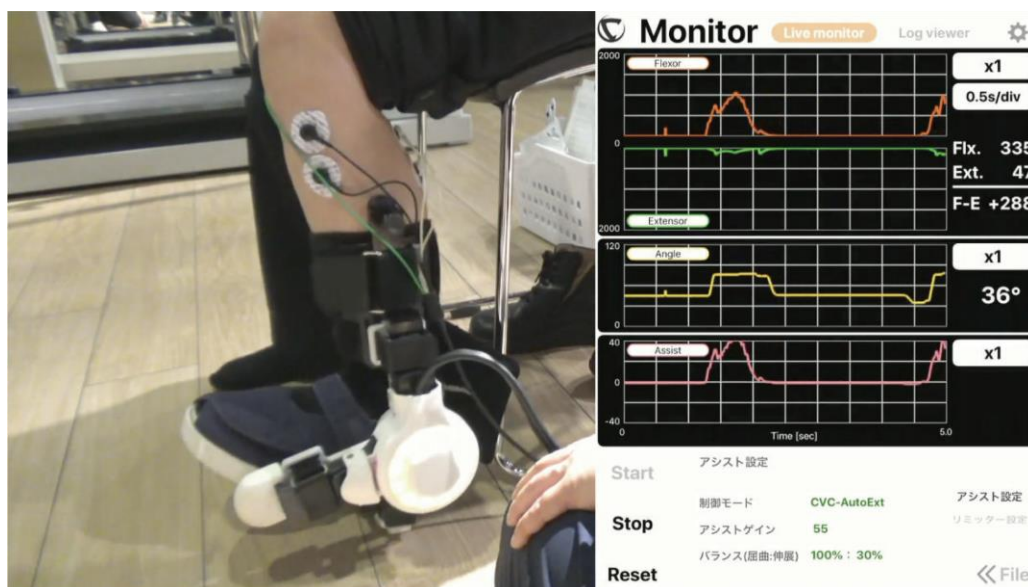


February 10, 2020

Company: CYBERDYNE, INC.  
 Name of Representative: Yoshiyuki Sankai, President and CEO  
 Code: 7779 (Mothers Section of the Tokyo Stock Exchange)  
 Contact: Shinji Uga, Director and CFO (Tel. +81-29-869-9981)

## New service to effectively train voluntary movements in the ankle joints

CYBERDYNE, INC. [Tsukuba, Ibaraki, CEO: Yoshiyuki Sankai (the “Company”)] announce to install HAL for Well-being Single Joint Type Ankle Joint Attachment (“Ankle Joint Attachment”) to all Robocare Centers available as of this date. The visitors of Robocare Centers can now take part in Neuro HALFIT programs that will induce improvement of the gait through voluntary movements of the ankle joints.

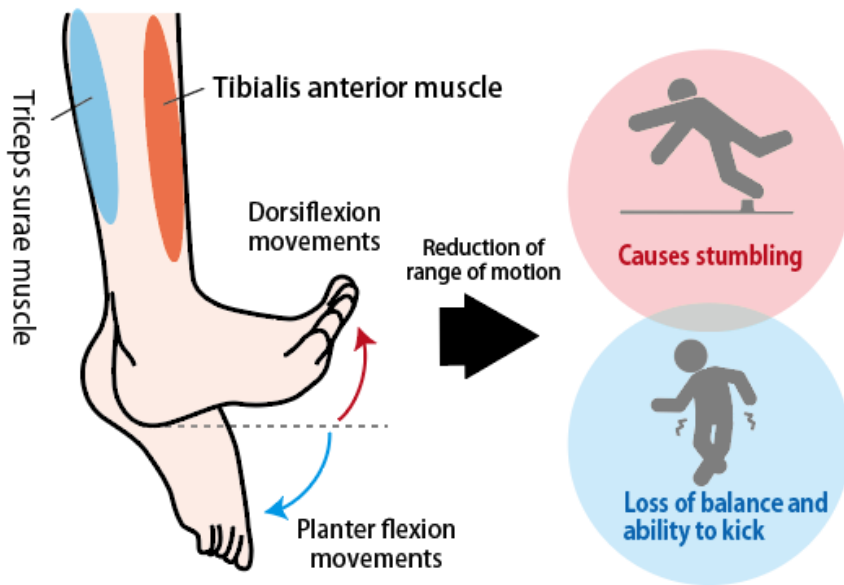


Signal pattern of a wearer moving their tibialis anterior muscle and triceps surae muscle with Ankle Joint Attachment

### ■ Background

If a person cannot lift their toes (dorsiflexion movement) high enough during walking motion, the person may stumble and fall. If a person cannot kick the ground strong enough, walking speed of the person will be reduced. As such, reduction of range of motion of the ankle has a strong effect in daily life. As a product to effectively and voluntarily train such movements, the Company developed Ankle Joint Attachment and commenced selling of this optional attachment on July 2019. The Company integrated this attachment in Neuro HALFIT, a service that induces improvement of the brain-nerve-musculoskeletal function, at some of its Robocare Center on trial basis. As a result, the Company succeeded on establishing an effective service for visitors with various needs, leading to the decision made on this occasion to install Ankle Joint Attachment to all Robocare Centers.

Planter flexion and dorsiflexion movements of the ankle

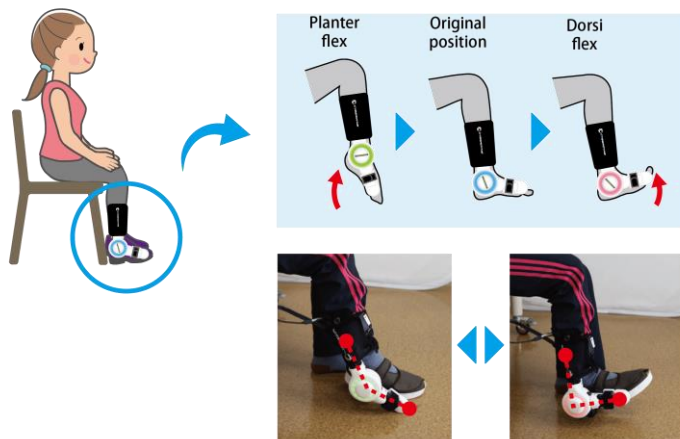


Reduction of range of motion leads to stumbling, loss of balance and loss of ability to kick

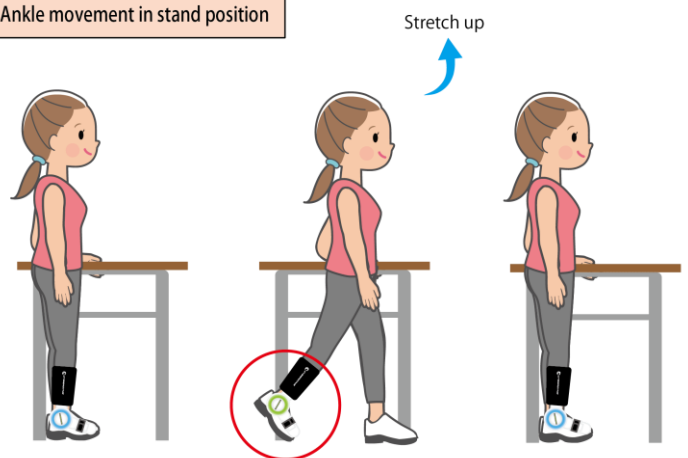
■ **Feature**

Alongside with Neuro HALFIT program with HAL Lower Limb Type and HAL Lumbar Type, Robocare Centers has been conducting Neuro HALFIT with HAL Single Joint Type for flexion and extension training of the elbow and knees. The installation of Ankle Joint Attachment will enable Robocare Centers to effectively practice voluntary movements in the angle joints. This new service is suited for wide level of visitors with reduced muscle strength from aging, visitors who frequently stumbles or falls, visitors who wishes to prevent frailty or state where they have to be taken care of by others

Ankle movement in seated position



Ankle movement in stand position



Ankle Joint Attachment can effectively train body parts that was difficult to train through conventional rehabilitation



## ■ Prospects

The Company will continue to work together with its clients in order to solve their problems through various products and services. Robocare Center is currently contacted by people with aftereffects from diseases or injuries, people who wishes to prevent frailty, athletes who wishes to improve their sports performance and etc. The Company will continue to utilize cutting-edge healthcare technologies such as Wearable Cyborg HAL to help each individual achieve their goals.

## CYBERDYNE, INC.

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|---------------|--|
| URL           | <a href="https://www.cyberdyne.jp/english/">https://www.cyberdyne.jp/english/</a>    |
| Founded       | June 2004  |
| Share capital | 26.778 billion Japanese yen (as of March 31, 2019 : non-consolidated, Japanese GAAP) |
| CEO           | President and CEO Yoshiyuki Sankai   |
| Address       | 2-2-1 Gakuen-minami, Tsukuba, Ibaraki, Japan   |

The Group's business is to realize "Society 5.0/5.1", a future society based on the idea of Techno-Peer-Support where human and technology live together and support each other. This goal is attained through revolutionary changes in industry and society, and The Group seeks to utilize "Cybernetics Technology" (fusion and combination of systems of human, robot and information) that handles "human" + Cyberspace" + "Physical space", to create a "Cybernetics Industry" for this transition following the breakthroughs of the Robotics Industry and IT Industry.

The Group's business has a unique advantage in its ability to access and integrate information within the human body (e.g. Brain-nerve and vital systems) in addition to information outside the human body (behavior, life and environmental information) and applying them to different fields such as medicine, nursing care, production, household, and work places. All of the Group's devices and interfaces are compatible with Internet of Humans/Internet of Things ("IoH/IoT"), and through these products, information of the brain- nerve, vital, physiological, behavioral, life and environmental systems can be integrated and connected to a super computer. The Group aims to realize a system where Big Data of the aforementioned information are accumulated, analyzed and processed with AI. The Group simultaneously works on research and development, business development and formation of business alliances to further accelerate the emergence of a Cybernetic Industry that will solve the problems facing society.