

## New Perspectives on Academic Activities

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### Abstract

**Background:** On the occasion of the resumption of the international conference after three years, the author reports on his thoughts when he engaged in this research and what he has gained in understanding from his subsequent research, since a shift from basic research is also required. The facts regarding basic research began with the confirmation that 50% of people who were bedridden achieved some level of ambulation and increased their independence through independent motor rehabilitation (Takizawa method).

The results showed that impairments could be overcome so that disabilities could be overcome and independent lives could be established. After confirming this fact, the author decided to engage in this research to create a society where everyone can live without nursing care.

It happened at long-term care hospitals in the old system where patients were sent on stretchers after treatment at Kanagawa Rehabilitation Center Hospital and other hospitals without functional recovery. And especially the confirmation of gait reacquisition was published by clinical orthopedic surgeons in Fujisawa in 1998 in the Journal of Clinical Orthopedic Surgery as a peer-reviewed<sup>1)</sup>.

**Purpose:** In order to establish a society in which for the disabled person to live independently, each person needs to overcome their disability and live independently. The author has been working to elucidate the mechanism of the Takizawa Method, believing in its feasibility. It was necessary to generalize the Takizawa method to realize this goal. And the degree of independence was increased in an introductory study<sup>2)</sup> conducted in Kyushu. Thus, It could obtain specific results, and we hold the Kobe Long Workshop of the ISPRM2019 by the International Society of Rehabilitation Medicine<sup>3)</sup> and the presentation of research results jointly selected by the Polish Academy of Sciences and the Japan Society for the Promotion of Science<sup>4)</sup>.

**Methods:** The development of mass-produced device is necessary for socializing the method. We have repeatedly applied to develop them since a venture company-supported regional consortium research program of the Kanto Bureau of the Ministry of International Trade and Industry and NEDO since 1998 for the development. In these results, it would be of great value to report on the author's thoughts on the

sustainable aging society when he engaged in the research when the basic research has been completed. The following three points will be clarified for them.

1. What our research means to society
2. About the relationship between physicians and society
3. About the device development and its committee members

## Results

The results of social activities have yet to be available. We have now been awarded a business restructuring grant in 2020 for the development of mass-produced devices.

**Conclusions:** These reports and proposals are not merely about technology and medical care but also include a review of people's view of life and death from the perspective of society and the accompanying proposals on how to distribute social security funds.

We hope this report will be a gospel for the next generation of young people.

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