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Proposition of restructuring of the rehabilitation medicine on Japanese experience

The society that an age pyramid reverses is unprecedented for the human beings in the modern world. Aging progresses quickly with baby boomers' aging, and it is expected that the severe society "one young man supports one elderly" visits soon as well as the disabled elderly increase in Japan. And these are global subjects that the World Health Organization makes targets to solve. All Japanese are covering the whole nation medical insurance. And all cerebrovascular disease and bone fracture patients have received rehabilitation medical treatment as much as they need but the increase of requiring-care elderly is remarkable. In such a situation, the human change in connection with the rehabilitation medicine in Japan doubled to 1787 from 810 medical specialists in about ten years by 2012, and the physiotherapist increased 470% to over 100,000 people from 20,000 people and up. Reduction of those who need requiring care was expected by those increase. However, they doubled 5,540,000 people in 2012 from 2,180,000 in 2000. And five academic societies and the Japanese Ministry of Health, Labour and Welfare published the Stroke treatment guidelines in 2004. They examined the effect on comparing the results of the typical technique of neuromuscular facilitation technique (FT) and the traditional technique (TT) (muscular power reinforcement, the range of motion (ROM) ex. and Motion Training). They reported very few effective results deriving from FT than TT in it. These aspects have suggested that the restructuring of the rehabilitation medicine is required. We have proposed the effective intervention method, which was patented by US and AU patent office. The patients who treated by the method exceeds 30% has re-acquired walking from bedridden. In a lecture, the author introduces the Takizawa method based on the motive exercise, devices to use and the result of our research from 1989.

Biography

Taki Takizawa is neither a doctor nor an engineer but served as the Fujisawa city councilor after graduating Keio University, and has been striving to socialize the Rehabilitation Method, which he recognized and organized. He got the 24 patent in Japan, the United States, and Australia. In order to sustain a super-aged society as one of the baby boomers, he organized the study group and promoted the research. At last, the Biophilia Academy was authorized the non-profit registered academic organization officially. He has gained the 18 research grants from the Japanese government and else for doing those since 1995. The Japanese Biophilia Rehabilitation Journal No.2017 volume 1 was published as a memorial edition this time for his 26 pieces of papers that summarized their history. He finished the course of the master's degree for the kind of social technology at the University of the Air at the age of 60.

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