


## Curriculum Vitae

### Personal Information

Title	Professor	
Name	Masahiko Mukaino	
Degree	M.D., Ph.D	
Country	Japan	
Affiliation	Department of Rehabilitation Medicine, Hokkaido University Hospital, Japan	

### Academic Education

- 1997 - 2003 Kyusyu University School of Medicine, Fukuoka, Japan
- 2005 – 2010 Ph.D. Graduate School, Keio University School of Medicine, Tokyo, Japan

### Awards and Fellowships

- Research Fellowship Development of evaluation system of human functioning using ICF (International Classification of Functioning, Disability and Health) in the rehabilitation clinics Nippon Foundation.



## **Affiliated Societies/ Associations (Listed Only Representatives)**

- Member, WHO-FIC Network
  - Co-chair, Classification and Statistics Advisory Committee - ICF
  - Voting member WHO-FIC Japan collaboration center, Functioning and Disability Reference Group
- Member, Japanese Association of Rehabilitation Medicine (JARM)
  - Chair, ICF data management committee
- Member, The Japanese Society of Dysphagia Rehabilitation
- Board member, Japanese Society of Neural Repair and Neurorehabilitation
- Member, International Society of Physical and Rehabilitation Medicine
  - Co-chair, ClinFIT committee
- Member, ICF committee, Social security council, Expert consultation groups of the Japanese Ministry of Health, Labour and Welfare



## **Publications (Listed Only Representatives, \*:Corresponding Author)**

- Suzuki T, Kono Y, Ogasawara T, Mukaino M\*, Aoshima Y, Furuzawa S, Fujita Y, Matsuura H, Yamaguchi M, Tsukada S, Otaka Y. Moving Standard Deviation of Trunk Acceleration as a Quantification Index for Physical Activities: Validation Study. JMIR Form Res. 2025 Apr 8;9:e63064.
- Hosokawa H, Tamiya F, Fujii R, Ishimoto R, Mukaino M\*, Otaka Y. Changes in Toe Clearance Due to Adjusting the Dorsiflexion Angle of Ankle-Foot Orthoses: A Study in Healthy Individuals. Bioengineering (Basel). 2024 Dec 20;11(12):1293.
- Kawabori M, Shichinohe H, Kahata K, Miura A, Maeda K, Ito YM, Mukaino M, Kogawa R, Nakamura K, Gotoh S, Kurisu K, Fujimura M. Phase I/II trial of intracerebral transplantation of autologous bone marrow stem cells combined with recombinant peptide scaffold for patients with chronic intracerebral haemorrhage: a study protocol. BMJ Open. 2024 Dec 2;14(12):e083959.



- Osuka S, Sudo H, Yamada K, Tachi H, Fukushima A, Mani H, Watanabe K, Sentoku F, Chiba T, Hori H, Iwasaki N, Mukaino M, Tohyama H. Posterior Correction and Fusion Using a 4D Anatomical Spinal Reconstruction Technique Improves Postural Stability Under the Eye-Closed Condition in Patients with Adolescent Idiopathic Scoliosis. J Clin Med. 2024 Oct 24;13(21):6366.
- Osuka S, Takahata M, Takeda R, Chiba T, Hori H, Kataoka Y, Iwasaki, Mukaino M, Tohyama H. Cervical motion analysis using wearable inertial sensors to patients with cervical ossification of posterior longitudinal ligament. J Orthop Res. 2025 Feb;43(2):430-440.
- Kono Y, Mukaino M, Ozawa Y, Mizutani K, Senju Y, Ogasawara T, Yamaguchi M, Muramatu T, Izawa H, Otaka Y. Response to the letter to the editor: clinical impact of non-lying time on hospital-associated functional decline in older patients undergoing transcatheter aortic valve implantation. Heart Vessels. 2024Oct;39(10):918-919.
- Mizuno E, Ogasawara T, Mukaino M\*, Yamaguchi M, Tsukada S, Sonoda S, Otaka Y. Highlighting Unseen Activity Through 48-Hour Continuous Measurement in SubacuteStroke Rehabilitation: Preliminary Cohort Study. JMIR Form Res. 2024 May 9;8:e51546.