

**MSO-01 Medical Staff Award Nominee Session****Jp**

May 21 (Sat) 10:15 ~ 11:45

Room 15 (Glass Building 6F G602)

Chair : Hanajima Ritsuko

1.Division of Neurology, Department of Brain and Neurosciences, Faculty of  
Medicine, Tottori University

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- ★ **MSO-01-1** Machine learning approaches to detect Frontotemporal dementia and Amyotrophic lateral sclerosis

Reiko Ohdake

Department of Neurology, Fujita Health University School of Medicine, Japan

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- ★ **MSO-01-2** Reliability and validity of cough peak flow measurement with myasthenia gravis

Ryota Kuroiwa

Division of Rehabilitation Medicine, Chiba University Hospital, Japan / Department of Neurology,  
Graduate School of Medicine, Chiba University, Japan

- ★ **MSO-01-3** Effects of cognitive intervention for patients with aMCI and mild Alzheimer's disease

Rie Matsubara

Section of Rehabilitation, Nagasaki Kita Hospital, Japan

- ★ **MSO-01-4** Pathological analysis of Charcot-Marie-Tooth disease(CMT) using CMT patient registry(CMTPR)

Yuka Okabe

Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of  
Medicine, Kyoto, Japan

- ★ **MSO-01-5** Effects of rTMS and intensive physical therapy on gait ability for hemiplegic patients after stroke

Akihiro Ikuta

Nagoya city rehabilitation center Department of Physical Therapy, Japan

- ★ **MSO-01-6** Word fluency and cognitive function change before and after COVID-19 epidemic in Parkinson disease

Midori Sagawa

Sagamihara National Hospital, Japan

**MSP-01 Medical Staff Poster Session 01****Jp**

May 20 (Fri) 16:00 ~ 17:15

Poster Session (E Block B2F Hall E)

**Rehabilitation for Parkinson disease 1**

Chair : Kenji Maruyama

Department of Neurology, Toda Central General Hospital

- MSP-01-1** Pathophysiology of diffuse idiopathic skeletal hyperostosis(DISH) in parkinson's disease patients

Kenta Funakoshi

Nagara Clinic, Japan

**MSP-01-2** Effects of Exercise on Postprandial Hypotension in Patients with Parkinson's Disease:a pilot study

Hayato Ohdate

Department of Rehabilitation, Nikko Medical Center, Dokkyo Medical University, Japan

**MSP-01-3** Examination of the immediate effect of exercise for Parkinson's disease patients using SPIDER

Yuki Soutome

Department of Rehabilitation, Geriatric Health Services Facility, Caretown Yuyu, Japan

**MSP-01-4** Self-counting the number of finger and foot tapping affects the tapping speed

Chie Yuguchi

Deepa Akane Health Service Facility for the elderly, Japan

**MSP-01-5** Association between upper limb freezing and cognitive impairment in Parkinson's disease

Tomonori Kihara

Fujita Neurological Hospital, Department of Rehabilitation, Japan

**MSP-02** Medical Staff Poster Session 02

**Jp**

May 20 (Fri) 16 : 00 ~ 17 : 15

Poster Session (E Block B2F Hall E)

**Rehabilitation for Parkinson disease 3**

Chair : Kazushi Deguchi

Department of Neurology, Kagawa University Hospital

**MSP-02-1** What is occupational therapy support for constipation in patients with Parkinson's disease?

Toshihide Inagaki

Hyogo Rehabilitation Center Hospital, Japan

**MSP-02-2** Research of the issues of the vocal language communication in Parkinson's disease

Atsushi Meguro

Speech,language,and hearing Therapist, Department of Rehabilitation, National Hospital Organization Nishiniigata Chuo Hospital, Japan

**MSP-02-3** Linguistic profiles of patients with clinically diagnosed Progressive Supranuclear Palsy

Yukiko Kida

National hospital organization Iou hospital Rehabilitation, Japan

**MSP-02-4** Disruption of outpatient rehabilitation in COVID-19 changes the vocal function of PD patients

Hironobu Hotta

Sapporo Neurology Hospital, Japan

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**MSP-02-5** Improvement of dysarthria in Parkinson's patients during short-term rehabilitation hospitalization

Daisuke Noguchi

Saitama Rehabilitation Center, Japan

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**MSP-03 Medical Staff Poster Session 03**

**Jp**

May 20 (Fri) 16:00 ~ 17:15

Poster Session (E Block B2F Hall E)

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**Drug management and clinical safety**

Chair : Chigusa Watanabe

Hiroshima-Nishi Medical Center

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**MSP-03-1** Task sharing between physicians and pharmacists to improve the quality and safety in stroke patients

Ryohei Suzuki

Department of pharmacy, National Hospital Organization Higashinagoya National Hospital, Japan  
/Drug Informatics, Faculty of Pharmacy, Meijo University, Japan

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**MSP-03-2** The effectiveness of pharmacist intervention in outpatients with progressive Parkinson's disease

Kyohei Yamamoto

Department of Pharmacy Anjo Kosei Hospital, Japan

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**MSP-03-3** Usefulness of estimated GFR from cystatin C as a predictor of blood level of levetiracetam

Wataru Kobayashi

Department of Pharmacy, Seikeikai Sousen Hospital, Japan

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**MSP-03-4** A Study on the Pharmaceutical Care for Patients with Intractable Neuromuscular Disease - Pilot Study

Hiroto Suzuki

Division of Pharmaceutical Services, National Hospital Organization Okinawa National Hospital, Japan

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**MSP-03-5** Factors associated with drooling in intractable neuromuscular disease and cerebral palsy patients

Natsuko Ishida

Faculty of Pharmacy, Institute of Medical, Pharmaceutical & Health Science, Kanazawa University, Japan

**Support for intractable neurological diseases**

Chair : Kumiko Michizono  
Kagoshima University Hospital

**MSP-04-1** Efforts for online visits at neurological intractable wards during the COVID-19 pandemic

Koto Kimura  
Minami-Okayama Medical Center, Japan

**MSP-04-2** withdrawn

**MSP-04-3** Survey on Lung Volume Recruitment using LIC TRAINER

Keisuke Yorimoto  
National Center of Neurology and Psychiatry, Japan

**MSP-04-4** Is the step sheet effective for motivating exercise? -Two cases of patients with NMD-

Isami Kuwabara  
Saku Central Hospital Department of Rehabilitation, Japan

**MSP-04-5** Review and problems of KINT system in Murayama region, Yamagata prefecture

Mai Kanno  
NHO Yamagata Hospital Community medical cooperation room, Japan

**Support for patients with ALS**

Chair : Yutaka Kohno  
Ibaraki Prefectural University of Health Sciences

**MSP-05-1** Relationship between low back pain complications and initial symptoms in ALS patients

Takahiro Miyashita  
Saku Central Hospital Department of Rehabilitation, Japan / Hirosaki University Graduate School of Health Sciences, Japan

**MSP-05-2** Communication and terminal care with LINE® for ALS patient and her family in the Covid 19 pandemic

Emi Yamamoto  
Department of Rehabilitation, Tsubame Rosai Hospital, Japan

**MSP-05-3** Disaster training and challenges for patients with home ventilator neurological intractable disease

Jun Saito  
Niigata Prefectural Shibata Hospital, Japan / Patient Support Center, Japan

MSP-05-4 How to understand the autopsy of the bereaved family of amyotrophic lateral sclerosis

Chiharu Matsuda

Tokyo Metropolitan Institute of Medical Science, Japan

**MSP-06 Medical Staff Poster Session 06**

**Jp**

May 20 (Fri) 16:00 ~ 17:15

Poster Session (E Block B2F Hall E)

**Clinical examination**

Chair : Takashi Hasegawa

Neurology, Atsugi City Hospital

MSP-06-1 Clinical utility of VEPs in optic nerve disturbance: use of two check sizes and comparison of CFF

Miki Oka

Clinical Laboratory, Fukuoka Central Hospital, Japan

MSP-06-2 Investigations for neuropathies of the lower limb in type 2 DM patients

Akira Kamida

Department of Clinical Laboratory, Ehime Prefectural Minamiuwa Hospital, Japan

MSP-06-3 Examination of age-specific standard values for MCQ-30 Japanese version in healthy subjects

Megumi Takeuchi

Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Sapporo, Japan

MSP-06-4 Effect of carotid artery stenosis treatment on eye movements

Hiroya Hara

Division of Clinical Laboratory, Yokohama Brain and Spine Center, Japan

**MSP-07 Medical Staff Poster Session 07**

**Jp**

May 20 (Fri) 16:00 ~ 17:15

Poster Session (E Block B2F Hall E)

**Support for patients with dementia 1**

Chair : Satoshi Yano

Department of Neurology, School of Medicine, Showa University

MSP-07-1 An attempt to secure fluid intake in elderly people with dementia using crushed water jelly

Seiko Takuwa

Group home Piu Asahigoshō, Japan

MSP-07-2 The effects of dementia and delirium to the length of stay in our hospital

Yuriko Shinno

Ishikawa prefectural central hospital, Japan

- MSP-07-3** Finger construction of a fox in Alzheimer's disease and Frontotemporal dementia  
Daiki Yamanaka  
UNIVERSITY OF FUKUI HOSPITAL, Japan
- MSP-07-4** Development of a new educational tool for neuropsychological test raters in the field of dementia  
Izumi Kuratsubo  
Innovation Center for Translational Research, National Center for Geriatrics and Gerontology, Japan
- MSP-07-5** Examination of severity and carotid blood flow in patients with Alzheimer's disease  
Kiyoko Ishikawa  
KITAKASHIWA Rehabilitation General Hospital Department of clinical laboratory, Japan
- MSP-07-6** Successive changes in small vessel disease scores and cognitive function in memory clinic patients  
Kana Matsuda  
Mie University Hospital Department of Rehabilitation, Japan

**MSP-08 Medical Staff Poster Session 08****Jp**

May 20 (Fri) 16:00 ~ 17:15

Poster Session (E Block B2F Hall E)

**Support for patients with Parkinson's disease 1**

Chair : Yoko Takiyama

Kitasato University Medical Center Department of Neurology

- MSP-08-1** A study of nursing interventions for REM Sleep Behavior Disorder symptoms in the Neurological ward  
Shoko Ehara  
Nursing section, Juntendo University Hospital, Japan
- MSP-08-2** Oral hygiene and aspiration-pneumonia risk at the start of levodopa-carbidopa intestinal gel therapy  
Nagisa Nakajima  
Department of Nursing, National Hospital Organization Utano National Hospital, Japan
- MSP-08-3** Role of outpatient nurses for patients undergoing levodopa/carbidopa infusion gel therapy  
Yuki Uchida  
Outpatient Clinic of Neurology and Neurosurgery, Department of Nursing, Juntendo University Hospital, Japan
- MSP-08-4** Support of introducing LCIG treatment in Parkinson's disease with dementia  
Ayumi Morita  
Department of Nursing, Yamaguchi University Hospital, Japan

**MSP-08-5** Renewal of the clinical pathway for hospitalized induction of levodopa/  
carbidopa intestinal gel

Yudai Kawasaki

Juntendo University Hospital nursing section, Japan

**MSP-09 Medical Staff Poster Session 09**

**Jp**

May 21 (Sat) 13 : 15 ~ 14 : 30

Poster Session (E Block B2F Hall E)

## Rehabilitation for Parkinson disease 2

Chair : Takashi Kasai

Department of Neurology, Kyoto Prefectural University of Medicine

**MSP-09-1** Trends in sensory reweighting ability in Parkinson's patients with  
Pisa syndrome- A case series

Keisuke Ota

Department of Rehabilitation, Hokuyu-kai Neurological Hospital, Japan

**MSP-09-2** Analysis of freezing of gait pattern using plantar pressure sensor in  
Parkinson's disease patients

Kazunori Sato

Department of Rehabilitation Medicine, Juntendo University Graduate School of Medicine, Japan

**MSP-09-3** Repeated short-term intensive rehabilitation for Parkinson's disease  
suppress dosage increases

Kenji Kasai

Physical Therapy Department, Saitama Rehabilitation Center, Japan

**MSP-09-4** Effects of exercise focused on instruction of ankle movement on  
retropulsion in Parkinson's disease

Ryoma Taniuchi

Department of Rehabilitation, National Hospital Organization Hiroshima-Nishi Medical Center,  
Japan / Graduate School of Comprehensive Scientific Research, Prefectural University of  
Hiroshima, Japan

**MSP-09-5** A study on physical activity/exercise and nutritional status in patients  
with parkinson's disease

Mai Yamada

Department of Rehabilitation, Nagasaki Kita Hospital, Japan

**MSP-10 Medical Staff Poster Session 10**

**Jp**

May 21 (Sat) 13 : 15 ~ 14 : 30

Poster Session (E Block B2F Hall E)

## Dysphagia

Chair : Makoto Nakajima

Department of Neurology, Kumamoto University

**MSP-10-1** Examination of the safety of the swallowing protocol by nurses.

Kayo Matsuno

Teinekeijinkai Hospital, Japan

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**MSP-10-2** Usefulness of NST intervention using KTBC® in Department of Neurology, Takeda General Hospital

Sota Ishii

Department of Nutritional Management, Takeda General Hospital, Japan

**MSP-10-3** Usefulness of dysphagia screening test in predicting aspiration pneumonia in Parkinson's disease

Tomoo Ogino

Department of Speech-Language Pathology, National Hospital Organization Utano National Hospital, Japan

**MSP-10-4** Relationship between Oral Dysfunction and Dysphagia in Patients with Parkinson's Disease

Ryoko Inaki

Department of Dentistry, National Hospital Organization Miyagi National Hospital, Japan

**MSP-10-5** Survey of usage food thickener when taking oral medications and awareness of deglutition aid jelly

Chiharu Isono

Department of Rehabilitation, Kindai University Hospital, Japan

**MSP-11 Medical Staff Poster Session 11**

**Jp**

May 21 (Sat) 13:15 ~ 14:30

Poster Session (E Block B2F Hall E)

**Interprofessional/ community collaboration (intractable neurological diseases)**

Chair : Yuji Tanaka

Aichi University of Education Health Service Center

**MSP-11-1** ~~Awareness survey of nurses on the support at home for patients of intractable neurological diseases~~

~~Michiko Urushihara~~

~~Nursing department, NHO Yamagata national hospital, Japan~~

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**MSP-11-2** withdrawn

**MSP-11-3** Shared decision-making and regret in gastrostomy in patients with intractable neurological diseases

Akiko Hanai

National Center of Neurology and Psychiatry, Japan

**MSP-11-4** The effect of multidisciplinary conference in patient support system in regions lacking a Neurologist

Midori Ota

Wakkanai City Hospital, Japan

**MSP-11-5** A case of successful multidisciplinary home care for a patients with PML

Sachie Takatori

Yumino Home-Visit Nursing Station, Japan



**Support for patients with dementia 2**

Chair : Hiroki Ito  
Ichinomiya Municipal Hospital

**MSP-12-1 Effects of verbal fluency training for patients with MCI and mild AD**

Maki Sato  
Section of Rehabilitation, Nagasaki Kita Hospital, Japan

**MSP-12-2 Clinical changes in patients supported by a dementia care team including occupational therapists**

Motoko Tsunemi  
local incorporated administrative agency Suita Municipal Hospital, Japan

**MSP-12-3 Consideration on support for DLB patients and their families by cooperation with other institutions**

Aki Yoshitake  
Patient Support Center, Kawasaki Medical School General Medical Center, Japan

**MSP-12-4 A study of multidisciplinary for dietary support for elderly with dementia in acute care hospital**

Kaori Komuro  
Nursing Section, Kawasaki Municipal Tama Hospital, Japan

**Support for patients with CVD**

Chair : Yoshihiko Nakazato  
Department of Neurology, Saitama Medical University

**MSP-13-1 Positional intracranial blood flow changes in carotid stenosis**

Osamu Tanaka  
Division of Clinical Laboratory, Yokohama Brain and Spike Center, Japan

**MSP-13-2 Prediction of upper limb paralysis after cerebral hemorrhage using diffusion tensor imaging**

Naoki Kobayashi  
Nagoya City Rehabilitation Center Department of Occupational therapy, Japan

**MSP-13-3 Factor to affect outcome indicators of cerebral infarction patients**

Yeongho Park  
Department of Rehabilitation, Tomita Hospital, Japan

**MSP-13-4 Attempt to unify the notation of food form in the stroke regional cooperation critical path**

Taiki Watanabe  
Niigata Shibata Hospital Department of Rehabilitation, Japan

**Support for patients with Parkinson's disease 2**

Chair : Ichiro Imafuku  
Yokohama Rosai Hospital

**MSP-14-1** Cognitive feature of Parkinson's disease patients with pareidolia  
Masatsugu Yakiyama  
Medical Center for Dementia, Chiba University Hospital, Japan

**MSP-14-2** Behavior diversity of punning and hobbyism in patients with Parkinson's disease  
Ryoma Aoki  
Department of Rehabilitation, Noborito Neurology Clinic, Japan

**MSP-14-3** Factors associated to the secondary disabilities by fall in patients with Parkinson's disease  
Megumi Kasai  
Juntendo university faculty of health care and nursing, Japan

**MSP-14-4** Increased  $\alpha$ -synuclein expression inhibits exosome secretion  
Asako Yoroisaka  
Juntendo University School of Medicine, Department of Neurology, Japan

**MSP-15 Medical Staff Poster Session 15****Interprofessional/ community collaboration (Others)**

Chair : Hitoshi Mochizuki  
Department of Neurology, University of Miyazaki

**MSP-15-1** Long-term Rehabilitation Intervention with Medical and Welfare Cooperation for MOG Antibody Disease  
Michiko Sakata  
Department of Rehabilitation Technology, Hiroshima City Rehabilitation Hospital, Japan

**MSP-15-2** Consideration of effects of urination care team intervention on acute myelitis  
Yuko Shimizu  
Suita Municipal Hospital Nursing Department, Japan

**MSP-15-3** Survey of outpatients' cognition of migraine and consideration for behavior change  
Makiko Takashima  
Nursing department, Tominaga Hospital, Japan

**MSP-15-4** Safety validation during the first year after the long-term video-EEG monitoring introduction  
Miwa Uematsu  
Department of Nursing Kobe University Hospital, Japan

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**MSP-15-5** Activity Report of Palliative Care Team at the Local Neurological Disease Center

**Kaori Moriya**

Palliative Care Team, NHO Yamagata Hospital, Japan / Department of Nursing, NHO Yamagata Hospital, Japan

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**MSP-16 Medical Staff Poster Session 16**

**Jp**

May 21 (Sat) 13:15 ~ 14:30

Poster Session (E Block B2F Hall E)

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**Others 1**

Chair : Masanaka Takeda

Hyogo College of Medicine, Department of Neurology

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**MSP-16-1** A study of nursing support strategies for multiple system atrophy according to severity of illness

**Tomoko Mase**

Nursing section, Juntendo University Hospital, Japan

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**MSP-16-2** Reducing physical restraints in acute hospital

**Etsuko Yamada**

Nursing department, Kawasaki medical school hospital, Japan

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**MSP-16-3** Gait Characteristics of Parkinson variant of multiple system atrophy

**Yuta Yamamoto**

Department of Rehabilitation, National Hospital Organization Higashinagoya National Hospital, Japan

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**MSP-16-4** Long-term prognosis of motor dysfunction and walking ability in severe Guillain-Barré syndrome

**Naomi Matsuda**

Department of Rehabilitation, National Hospital Organization Higashinagoya National Hospital, Japan

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**MSP-16-5** Case Report of rehabilitation for a patient with severe limb weakness after COVID-19 pneumonia

**Goichi Hashida**

Department of Rehabilitation, Osaka University Medical Hospital, Japan

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**MSP-17 Medical Staff Poster Session 17**

**Jp**

May 21 (Sat) 13:15 ~ 14:30

Poster Session (E Block B2F Hall E)

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**Others 2**

Chair : Ryuichi Kouno

oosakafuiseikainoe hospital

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**MSP-17-1** Takahata study 2021, Part 2: Assessment of physical frailty by Hacaro iTUG

**Masayuki Hoshi**

Department of Physical Therapy, Fukushima Medical University School of Health Sciences, Japan / Department of Rehabilitation, Takahata Public Hospital, Japan

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**MSP-17-2** Takahata study 2021, Part 3: Assessment of cognitive frailty in elderly residents

Masaki Shindo

Takahata Public Hospital, Japan

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**MSP-17-3** A case of left temporal lobe occupying lesion with a Non-aphasic misnaming

Shota Horiike

Daido Hospital Department of Rehabilitation, Japan

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**MSP-17-4** A possible mechanism of hanger reflex: a vestibulo-ocular reflex study

Koji Takahashi

Division of Clinical Laboratory, Yokohama Brain and Spine Center, Japan

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**MSP-17-5** Operation of the Remote Intraoperative Nerve Monitoring System

Tsunenori Takatani

Department of Operation Center, Nara Medical University, Japan / Department of Central Clinical Laboratory, Nara Medical University Hospital, Japan / Department of Anesthesiology, Nara Medical University, Japan