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

**June 3 (Sat) 10:15 ~ 11:45  Room 02 (Makuhari Messe International Conference Hall 2F International Conference Room)**

Chair: Ritsuko Hanajima  
Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University, Japan

- **MSO-01-1** Development of Convenient Auditory-Based Language and Executive function Test for patients with ALS  
  Reiko Ohdake  
  Department of Neurology, Fujita Health University School of Medicine, Japan / Brain and Mind Research Center, Nagoya University, Japan

- **MSO-01-2** Frequency of the accessory deep peroneal nerve in Japan  
  Setsuko Sakamoto  
  Neurology Clinic Tsudanuma, Japan / Neurology Clinic Chiba, Japan

- **MSO-01-3** Investigation of the relationship between MCAS and cognitive functions in Parkinson’s disease  
  Kana Matsuda  
  Department of Dementia Prevention and Therapeutics, Mie University Graduate School of Medicine, Japan

- **MSO-01-4** Difficulty at delivery of multiple system atrophy diagnosis: a survey of doctors’ perspectives  
  Miki Yoshitake  
  Department of Neurology, Graduate School of Medicine School of Medicine, Chiba University, Japan / Department of Neurology, Juntendo University Faculty of Medicine, Japan

- **MSO-01-5** Exercise therapy for patients with progressive supranuclear palsy can improve gait stability  
  Naomi Matsuda  
  Department of Rehabilitation, National Hospital Organization Higashinagoya National Hospital, Japan

- **MSO-01-6** Proportion of opioid use in mechanically ventilated patients with amyotrophic lateral sclerosis  
  Chiharu Matsuda  
  Unit for Intractable Disease Nursing Care, Tokyo Metropolitan Institute of Medical Science, Japan

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

**June 2 (Fri) 16:00 ~ 17:20  Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)**

Rehabilitation 1 (PD 1)  
Chair: Hirohide Takahashi  
Machida-keisen Hospital, Neurology, Japan

- **MSP-01-1** Strategy of postural control in Parkinson’s disease with Lateral Trunk Flexion by disease severity  
  Keita Nochimura  
  Department of Rehabilitation, Hokkaido Neurological Hospital, Japan

★ Nominees for the Best Presentation Award for the Medical Staff
MSP-01-2  Gait, plantar pressure, muscle activity changes in parkinson's disease patients using insole pads
Shingo Dairiki
Juntendo University Hospital Department of Rehabilitation, Japan

MSP-01-3  Effects of anxiety and depression on the efficacy of the LSVT® BIG program
Maki Sakao
Department of Rehabilitation, JA Toride Medical Center, Japan

MSP-01-4  Effect on motor performance by two-time LSVT-BIG at around a year interval
Masashi Saito
Kakeyu Hospital Department of Physical Therapy, Japan

MSP-01-5  Prediction of improvement rate of motor function by LSVT®-BIG with measurements before treatment
Daiki Usuda
Kakeyu Hospital Department of Physical Therapy, Japan

MSP-01-6  Factors related with the gait improvement effect of LSVT®-BIG
Keiko Nakamura
Kakeyu Hospital Department of Physical Therapy, Japan

MSP-02  Medical Staff Poster Session 02
June 2 (Fri) 16:00 ~ 17:20 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Support (PD 1)
Chair: Masahito Mihara
Department of Neurology, Kawasaki Medical School, Japan

MSP-02-1  Survey of Parkinson's disease patients hospitalized in our hospital
Akito Kobashi
St. Marianna University Hospital, Nursing department, Japan

MSP-02-2  Comparison of physical activity with and without sarcopenia in patients with Parkinson's disease
Mai Yamada
Department of Rehabilitation, Nagasaki Kita Hospital, Japan

MSP-02-3  Attitude survey of pharmacists regarding medication counseling for Parkinson's Disease patients
Akari Ito
Department of pharmacy Hokuriku Brain and Neuromuscular Disease Center National Hospital Organization Iou National Hospital, Japan

MSP-02-4  Pharmacist's Role in Parkinson's Disease in a Serviced Elderly Residence
Shunsuke Tanaka
Taiyo Dispensing Pharmacy Sakurajima, Japan
MSP-02-5  Importance of Multidisciplinary Cooperation in Parkinson’s Disease in a Serviced Elderly Residence
Yumi Hirasawa
Resoranursinghomesuzuka, Japan

MSP-03 Medical Staff Poster Session 03
June 2 (Fri) 16:00 ~ 17:20  Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Rehabilitation 2
Chair: Chiyoko Nohara
Tokyo Metropolitan Ebara Hospital, Japan

MSP-03-1 The relationship between subjective and objective evaluation with spinocerebellar degeneration
Yuya Yamanaka
Rehabilitation Units, Shiga University of Medical Science Hospital, Japan

MSP-03-2 Effect of Long-Term Repeated Interval Rehabilitation on Motor Function in a SCD patient
Yoshiyuki Miyagi
Department of Rehabilitation, National Hospital Organization Hyogo-Chuo Hospital, Japan

MSP-03-3 No title
Reoya Narahara
AIM Intervision, Japan

MSP-03-4 Guillain-Barré syndrome walking disability after robot-assisted gait training: a single case design
Jun Yabuki
Department of Physical Therapy, Ibaraki Prefectural University of Health Sciences Hospital, Japan

MSP-03-5 Subdivisions of Multiple Sclerosis Using Four Crawling Motion
Takahiro Hirabayashi
SEIREI HAMAMATSU GENERAL HOSPITAL Rehabilitation Department, Japan

MSP-03-6 Two developmental coordination disorder cases successfully treated by mediVR KAGURA-guided therapy
Tomomi Wagatsuma
mediVR Rehabilitation Center Tokyo, Japan
MSP-04  Medical Staff Poster Session 04

June 2 (Fri) 16:00 ~ 17:20  Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Rehabilitation 3

Chair: Akito Hayashi
Juntendo University, Neurology, Japan

MSP-04-1  A case of improved spasticity in adult cerebral palsy treated by mediVR KAGURA®-guided therapy
Seiha Yasue
mediVR inc., Japan

MSP-04-2  A case of cerebral palsy with gait disability effectively treated with mediVR KAGURA-guided therapy
Eri Kamagome
mediVR Rehabilitation Center Tokyo, Japan

MSP-04-3  Two chronic stroke cases with marked improvement in walking ability by mediVR KAGURA-guided therapy
Kyoko Nakaue
mediVR Rehabilitation Center Osaka, Japan

MSP-04-4  mediVR KAGURA-guided therapy improved motor paralysis in a chronic patient after stroke
Yasuhiro Inabe
mediVR inc., Japan

MSP-04-5  Effects of mediVR Kagura-guided therapy for young chronic stroke patient with hemispatial neglect
Masato Araki
mediVR Rehabilitation Center Osaka, Japan

MSP-04-6  A case of spinal cord injury who achieved independence in wheelchair using mediVR KAGURA® therapy
Ryutarou Toufuku
mediVR Rehabilitation Center Tokyo, Japan

MSP-05  Medical Staff Poster Session 05

June 2 (Fri) 16:00 ~ 17:20  Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Rehabilitation 4 (CVD)

Chair: Masaki Saito
School of Health Sciences, Sapporo Medical University, Japan

MSP-05-1  Time course changes in rTMS on gait ability for severe hemiplegic patients after stroke
Kenya Wakaizumi
Department of Physical Therapy, Nagoya City Rehabilitation Center, Japan
MSP-05-2  Current Status of PMS Rehabilitation for Stroke Hemiplegia Patients in the Recovery Phase
Takuya Higuchi
TUMS Urayasu Hospital, Japan / Department of Neurology, Chiba University Graduate School of Medicine, Japan

MSP-05-3  A case of central post-stroke pain effectively treated with mediVR KAGURA-guided therapy
Haruka Sugiyama
mediVR Rehabilitation Center Tokyo, Japan

MSP-05-4  Analysis of FIM by the difference in waiting period from hospital for rehabilitation of stroke
Kazuhiko Tanaka
Kanbayashi Memorial Hospital Department of Rehabilitation, Japan

MSP-05-5  A study of ischemic stroke patients with slowing visual cognition
Shota Horiike
Department of rehabilitation, daido hospital, Japan

MSP-05-6  A case of tactile hallucination and phantosmia after pontine hemorrhage
Yoko Tsujino
Nagasaki Kita Hospital Department of Rehabilitation, Japan

MSP-06 Medical Staff Poster Session 06
June 2 (Fri) 16:00 ~ 17:20  Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Support (ALS)
Chair: Yutaka Kohno
Ibaraki Prefectural University of Health Sciences, Japan

MSP-06-1  A study on the decision to wear a ventilator and the selection and continuation of home care in ALS
Tatsuya Ueda
National Hospital Organization Nanao Hospital, Japan

MSP-06-2  Bed-up angle and manual rib cage compression under ventilator
Nobuhiko Shibasaki
Sayama Neurological Hospital, Japan

MSP-06-3  Association between diaphragm thickness and arterial carbon dioxide pressure in 3 patients with ALS
Takeru Nara
Division of Rehabilitation, Chiba University Hospital, Japan

MSP-06-4  Role of Acute Hospital Nurses in Home Care for Patients with Intractable Neurological Diseases
Jun Saito
Niigata Prefectural Shibata Hospital Patient support center, Japan
MSP-06-5 Problems of home care in patients with amyotrophic lateral sclerosis using noninvasive ventilator
Kayoko Ichikawa
Patient & Region Support Center, Tokyo Metropolitan Neurological Hospital, Japan

MSP-07 Medical Staff Poster Session 07
MSP-07-1 Multidisciplinary team approach for acute-phase patients with dysphagia
Miki Murakami
Division of Nursing, Tokyo Metropolitan Neurological Hospital, Japan

MSP-07-2 Report the progress of prolonged dysphagia after myasthenia gravis crisis
Yuki Katsuragi
National Hospital Organization Hokkaido Medical Center, Department of Rehabilitation, Japan

MSP-07-3 Characteristics and progression of dysphagia in patients with corticobasal syndrome
Chiharu Isono
Department of Rehabilitation Medicine, Kindai University Hospital, Japan

MSP-07-4 Swallowing abnormalities in three cases of anti-SRP antibody-positive necrotic myopathy
Tomoo Ogino
Department of Rehabilitation, National Hospital Organization Utano National Hospital, Japan

MSP-07-5 Short-term effect of lung volume recruitment with bag valve mask in Duchenne muscular dystrophy
Takashi Terao
Department of Rehabilitation, National Hospital Organization Hyogo-Chuo Hospital, Japan

MSP-07-6 Characteristics of cough strength in patients with myasthenia gravis
Natsumi Arai
Division of Rehabilitation, Chiba University Hospital, Japan
### MSP-08 Medical Staff Poster Session 08

**June 3 (Sat) 13:15 ~ 14:35**  
Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

#### Rehabilitation 5 (PD 2)

**Chair:** Tadashi Ichikawa  
Saitama Prefectural Rehabilitation Center, Japan

| MSP-08-1 | Association between tandem walking and falls in patients with Parkinson's disease | Kouta Okada  
Department of Rehabilitation National Hospital Organization Higashi Nagoya National Hospital, Japan |
| MSP-08-2 | Characteristics of CT image of paraspinal muscles in Parkinson disease patients | Kenta Funakoshi  
Nagara clinic, Japan |
| MSP-08-3 | A contribution of hyperthymia to performance improvement in exercise therapy of Parkinson patients | Maho Yamaguchi  
Nagara clinic, Japan |
| MSP-08-4 | Survey on treatment options for patients with PD: analysis of patients with device-aided therapies | Mika Watabe  
Department of Human Health Sciences, Kyoto University Graduate School of Medicine, Japan |
| MSP-08-5 | The effect of sensory input on upper extremity motor function in patients with Parkinson disease | Manami Noguchi  
Nagara clinic, Japan |
| MSP-08-6 | Effects of Multidisciplinary Approach on Motor Function in Patients with Parkinson's Disease | Masaki Iwamura  
Department of Physical Therapy, Faculty of Health Science, Aino University, Japan  
Department of Rehabilitation, Aino Hospital, Japan |

### MSP-09 Medical Staff Poster Session 09

**June 3 (Sat) 13:15 ~ 14:35**  
Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

#### Rehabilitation 6 (PD 3)

**Chair:** Yuji Takahashi  
National Center of Neurology and Psychiatry, Japan

| MSP-09-1 | A case of Parkinson's disease showing improvement in motor symptoms by moderate exercise | Tsuyoshi Hagino  
Tsukada Family Clinic Houmon-Kango Station Tomisato, Japan |
A case of Parkinson's disease with marked improvement in gait after mediVR KAGURA®-guided therapy
Kie Shiraishi
mediVR Rehabilitation Center Tokyo, Japan

A case of Huntington's disease successfully treated with mediVR KAGURA®-guided therapy
Yuki Torikai
mediVR Rehabilitation Center Tokyo, Japan

Association between the effects of intensive rehabilitation and cognitive function in PD patients
Daisuke Mizuguchi
Department of Rehabilitation National Hospital Organization Tottori Medical Center, Japan

INTERNAL RHYTHM FORMATION BY USING PERCUSSION INSTRUMENT AGAINST PARKINSON DISEASE
Hiroaki Toyodome
medical corporation sansyuukai okatsu hospital, Japan

Trial of "Parkinson's Disease Class" and Future Issues
Sakiko Yamamoto
Anjo Kosei Hospital, Japan

The association between gait analyzed by iPhone application and cognitive functions in nonagenarians
Reina Saito
Department of Rehabilitation, Takahata Public Hospital, Takahata, Japan

Variability in stimulus-driven functional network after somatosensory stimulus presentation
Kiharu Furuki
Nagoya City Rehabilitation Center Occupational Therapy, Japan

SMA type III adult with early improvement of motor function after rehabilitation: Case report
Moeka Shioya
Department of Rehabilitation, Tokyo Women’s Medical University Hospital, Japan

Aphasia due to tumefactive demyelinating lesions associated with MOGAD: case report and review
Keita Kitagawa
Department of Rehabilitation, Gifu University Hospital, Japan
MSP-10-5  home visit for nutritional and dietary advice of neurological disease
 oral intake attempt for increased
 Momo Hatano
 YUMINO HEART CLINIC, Japan

MSP-10-6  Rehabilitation and multidisciplinary collaboration in patients with autoimmune GFAP astrocytopathy
 Kei Kawamura
 Matsudo City General Hospital, Japan

MSP-11  Medical Staff Poster Session 11
June 3 (Sat) 13:15 ~ 14:35  Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Clinical examination
 Chair: Setsu Sawai
 Chiba Aoba Municipal Hospital, Japan

MSP-11-1  Clinical significance of motor evoked potentials revisited:
 a comparative study of MND and MS
 Miki Oka
 Clinical Laboratory, Fukuoka Central Hospital, Japan

MSP-11-2  Utility of consecutive 6 rhythmic waves for diagnosis and outcome prediction of status epilepticus
 Masami Yamanaka
 Department of Clinical Laboratory, Minami Nara General Medical Center, Japan

MSP-11-3  Evaluation of Autonomic Function by Heart Rate Variability Analysis in Amyotrophic Lateral Sclerosis
 Yuki Nakayama
 Tokyo Metropolitan Institute of Medical Science, Japan

MSP-11-4  A case of pediatric CIDP in which nerve conduction study were useful in assessing treatment effects
 Yuna Yoshinaga
 Kochi Medical School Hospital Department of Medical Technology Division of Clinical Laboratory, Japan

MSP-11-5  Tibial neuropathy involvement in post-total knee arthropathy neuropathy: a case report
 Osamu Tanaka
 Division of Clinical Laboratory, Yokohama Brain and Spine Center, Japan

MSP-11-6  Effects of somatosensory input on the vestibular reflex
 Koji Takahashi
 Division of Clinical Laboratory, Yokohama Brain and Spine Center, Japan
**MSP-12 Medical Staff Poster Session 12**

**Support (dementia)**

Chair: Masafuchi Ryo  
Department of Neurology, KITASATO UNIVERSITY KITASATO INSTITUTE HOSPITAL, Japan

**MSP-12-1**  A Literature Review of Mindfulness Training on Depressed Mood for Elderly People with MCI  
Izumi Kuratsubo  
Innovation Center for Translational Research, National Center for Geriatrics and Gerontology, Japan

**MSP-12-2**  Factors underlying prolonged sleep disorder of demented patients' clinical study at an acute hospital  
Yuki Sugimoto  
Ishikawa Prefectural Central Hospital, Japan

**MSP-12-3**  Examination of the current situation and issues of forgetfulness outpatients at our hospital  
Yuko Shirato  
Nursing Department, Chiba Cerebral and Cardiovascular Center, Japan

**MSP-12-4**  Factors affecting performance on the finger construction of a reversed fox  
Daiki Yamanaka  
Department of Neurology, Faculty of Medical Sciences, University of Fukui, Japan

**MSP-12-5**  SLTA and amyloid PET in patients with suspected primary progressive aphasia on forgetfulness testing  
Akito Tsugawa  
Department of Geriatric Medicine, Tokyo Medical University, Japan

**MSP-12-6**  Examination of the relationship between FAST and carotid artery blood flow in Alzheimer's disease  
Kiyoko Ishikawa  
Kitakashiwa Rehabilitation General Hospital Department of Clinical Laboratory, Japan

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**MSP-13 Medical Staff Poster Session 13**

**Interprofessional/community collaboration**

Chair: Hitoshi Mochizuki  
Department of Neurology, Ebihara General Hospital, Japan

**MSP-13-1**  The change in awareness of the introduction of the clinical path: A nurse’s perspective  
Mizuki Igarashi  
Sapporo Medical University Hospital, Japan
Supporting Cancer Patients with Dementia: Multidisciplinary Collaboration Starting from Outpatient
Aki Yoshitake
Patient Support Center, Kawasaki Medical School General Medical Center, Japan

Survey on the number of people consulted about voluntary return of driver's license in this area
Yasushi Suzuki
Department of Rehabilitation, Dokkyo Medical University Nikko Medical Center, Japan

Multidisciplinary cooperation on Decision Support for Elderly Dementia in Local Medical Hospital
Kaori Komuro
Department of Nursing, Kawasaki Municipal Tama Hospital, Japan

The effect of collaborative practice between dementia support team and individualized rehabilitation
Motoko Tsunemi
Local incorporated administrative agency Suita Municipal Hospital, Japan

A Case of Parkinson's Disease with Regaining IADL by Combined Use of A Training Gym
Kimihide Hashimoto
Yumino Heart Clinic, Japan / LEX-heart, Japan

Current Status and Issues of Discharge Support for Patients with Intractable Neurological Diseases
Midori Takahashi
Nippon Medical School Chiba Hokusho Hospital Nursing Department, Japan

Relationship between Weight Loss, Symptoms and Living Conditions in Parkinson's Disease Patients
Sayaka Fukushima
NAGASAKIKITA HOSPITAL, Japan

Change of the vocabulary and the cognitive function of patients with Parkinson's disease in COVID19
Midori Sagawa
Sagamihara National Hospital, Japan

Cost-Effectiveness Analysis of Relapse Prevention Therapy for NMOSD
Taesung An
Department of Pharmacy, Yokosuka Kyosai Hospital, Japan
MSP-15  Medical Staff Poster Session 15

June 3 (Sat) 13:15 ~ 14:35  Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Support (CVD)
Chair: Yoshihiko Nakazato
Department of Neurology, Saitama Medical University, Japan

MSP-15-1 The survey on utilization of clinical pathway for stroke among cooperative hospital pharmacists
Takanori Seo
Department of Pharmacy, Sanin Rosai Hospital, Japan

MSP-15-2 Empowerment in the stroke critical pathway
Taiki Watanabe
Niigata Rheumatic Center of Rehabilitation, Japan

MSP-15-3 Effect of head tilt on vertical strabismus
Hiroya Hara
Division of Clinical Laboratory, Yokohama Brain and Spine Center, Japan

MSP-15-4 Aims of rehabilitation intervention on lower limb monoparasisis of stroke patient
Yasuhiro Kumakura
rehabilitation tubasanoie hospital, Japan

MSP-15-5 Cases of chronic refractory pain successfully treated by a comprehensive multidisciplinary approach
Yuichiro Murakawa
mediVR rehabilitation center Osaka, Japan / Department of Human Health Science, Graduate School of Medicine, Kyoto University, Japan

MSP-15-6 Effect of protocol introduction in enteral nutrition initiation
Kayo Matsuno
Teine keijinkai hospital Department of nursing, Japan