

Pj-01 Japanese Poster Session 01**Jp****Cerebrovascular disorder (rt-PA / marker)**

Pj-01-1 International comparison for stroke indicators in OECD Health Care Quality and Outcome

Tomoko Kawashima

Department of International Health and Collaboration, National Institute of Public Health, Japan

Pj-01-2 Time to administration rt-PA and outcome in ischemic stroke at our hospital

Junko Taruya

Shingu Municipal medical Centerunicipal medical Center

- Pj-01-3** Efficacy of stroke rt-PA therapy by initial CT; hyperdense artery sign
Atsunori Murao
Department of Neurology, Kasugai City Hospital
- Pj-01-4** Development of the therapy for hyperacute ischemic stroke after establishment of our stroke center
Nanami Yamada
Department of Neurology, Nara Medical University
- Pj-01-5** withdrawn
- Pj-01-6** eGFR_{cys} is associated with outcomes in patients with stroke and ischemic stroke
Arata Abe
NTT Medical Center Tokyo Cerebrovascular Medicine
- Pj-01-7** Efficacy of Direct Factor Xa Inhibitor to Prevent Ischemic Stroke with Trousseau Syndrome
Keisuke Mizutani
Tosei General Hospital
- Pj-01-8** The analysis of DWI-FLAIR mismatch in acute ischemic stroke
Ryosuke Sato
Department of Neurology, Japanese Red Cross Ishinomaki Hospital
- Pj-01-9** Usefulness of D-dimer testing in etiologic classification of spinal cord infarction
Kazuto Katsuse
Department of Neurology, Center Hospital of the National Center for Global Health and Medicine
- Pj-01-10** Characteristics of pattern of lesion in patients with embolic cerebral infarction
Chiharu Yasuda
Department of Cerebrovascular Medicine and Neurology, Steel Memorial Yawata Hospital, Japan

Pj-02 Japanese Poster Session 02

Jp

Cerebrovascular disorder (epidemiology /brain image)

- Pj-02-1** An analysis of Cerebrovascular Disorders in Awa medical district of Chiba
Yoshito Arakaki
Department of Neurology, Kameda Medical Center / Department of General Medicine, Awa Regional Medical Center
- Pj-02-2** The current status of Acute Cerebral Infarction in Shingu secondary medical area
Mayako Niwa
Department of Neurology, Shingu Municipal Medical Center, Wakayama, Japan

- Pj-02-3** The epidemiologic features of stroke classified by lifestyle in a hospital having SCU of Kyoto city
Toru Kishitani
Kyoto Second Red Cross Hospital
- Pj-02-4** Related factors for progression and prognosis of branch atheromatous disease in the elderly
Satoshi Kubo
Chugoku Rosai Hospital, neurulogy
- Pj-02-5** Characteristic of Transient Global Amnesia
Seiko Hirota
Department of Neurology, Fujita Health University School of Medicine
- Pj-02-6** embolic microbleeds after ablation therapy
Yoshinori Hirata
Department of Neurology, Mie University Graduate School of Medicine
- Pj-02-7** Imaging features of status epilepticus cases in post stroke epilepsy
Ganpei Nakahara
Nakamura Memorial Hospital department of neurology
- Pj-02-8** Post-recanalized hyperperfusion on arterial spin labeling MRI following mechanical thrombectomy
Yuki Yamamoto
Department of Clinical Neuroscience, Tokushima University
- Pj-02-9** The significance of bright vessel appearance in acute ischemic stroke with large vessel occlusion
Ryoo Yamamoto
Department of Neurology, Yokohama Brain and Spine Center /Department of Neuro-endovascular therapy, Yokohama Brain and Spine Center
- Pj-02-10** Arterial spin labeling MRI for the diagnosis of reversible cerebral vasoconstriction syndrome
Yuya Kano
Department of Neurology, Nagoya City East Medical Hospital

Pj-03 Japanese Poster Session 03

Jp

Cerebrovascular disorder (acute stage)

- Pj-03-1** Can Emergent Large Vessel Occlusion Screen be used to call doctor in neurological disorders?
Hiroyuki Takayoshi
Shimane Prefectural Central Hospital
- Pj-03-2** Ultrasonography for screening deep venous thrombosis in embolic stroke patients with unknown origin
Takuma Kato
Kyoto First Red Cross Hospital

- Pj-03-3** Saving time to treatment for large vessel occlusion in posterior circulation
Satoru Fujiwara
Department of Neurology, Kobe City General Hospital
- Pj-03-4** Early nutritional administration and its course in the acute phase of cerebral infarction
Michiko Kayamota
Pharmacy Section, Department of Medical Technology, Brain Attack center, Ota Memorial Hospital
- Pj-03-5** Characteristics and exacerbation factors of anterior cerebral artery dissection
Yukimoto Tsuda
National hospital organization Kumamoto medical center
- Pj-03-6** Clinical feature of ischemic stroke patients developed under anticoagulant therapy
Akito Tanaka
Department of Neurology, Nara Medical University
- Pj-03-7** Predictors of paroxysmal atrial fibrillation in stroke patients with chronic kidney disease
Mari Matsushima
Toho University Ohashi Medical Center
- Pj-03-8** Examination for the risk of recurrent stroke in ESUS compared with other type of stroke
Sono Toi
Department of Neurology, Tokyo Women's Medical University
- Pj-03-9** Evaluation of Thrombus with Adaptive Statistical iterative Reconstruction
Yuya Kobayashi
Department of Neurology, Ina Central Hospital
- Pj-03-10** Effect of a novel sigma-1 receptor agonist in acute stroke
Ryo Sasaki
Department of Neurology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University

Pj-04 Japanese Poster Session 04

Jp

Dementia (biomarker/test method 1)

- Pj-04-1** Trial of discrimination of Alzheimer's disease by cube copying test using artificial intelligence
Hiroshi Ishiguchi
Department of neurology, Wakayama medical university / Department of neurology, Shingu municipal medical center

- Pj-04-2** **A trial of name fluency test-revised in patients of Alzheimer's disease**
Masaki Kondo
Department of Neurology, Kyoto prefecture university of medicine
- Pj-04-3** **Quantitative analysis of the relationship between cerebral amyloid accumulation and ischemic changes**
Hiroo Kasahara
Department of Neurology Gunma University Graduate School of Medicine
- Pj-04-4** **Comparison of non-amnestic Alzheimer's disease and amnestic Alzheimer's disease**
Norimichi Shirafuji
Department of Neurology, Faculty of Medical Science, University of Fukui Hospital
- Pj-04-5** **Comparison of visuo-spatial deficit type and memory deficit type of early-onset Alzheimer's disease**
Manabu Tsumoto
Department of Neurology, JCHO Tokyo Takanawa Hospital
- Pj-04-6** **Micro RNA profiling of autopsied brain tissues derived from patients with Alzheimer's disease**
Takefumi Sato
Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University
- Pj-04-7** **Analysis of biomarkers for Alzheimer's disease in CSF with neuronal intranuclear inclusion disease**
Yasuo Harigaya
Department of Neurology, Maebashi Red Cross Hospital
- Pj-04-8** **Dementia of presenile hemodialysis initiation**
Hiroshi Takata
Kinashi Obayashi Hospital Department of Neurology
- Pj-04-9** **Establishing 'the Community-based Cohort for premedical dementia' : Brain Health Project**
Tadashi Tsukamoto
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry
- Pj-04-10** **Usefulness of Plasma Inflammatory Cytokines in Differentiating Neurological and Psychiatric Disease**
Yo Higuchi
Department of Molecular Genetics, Brain Research Institute, Niigata University / Department of Neurology, Brain Research Institute, Niigata University

Parkinson's disease-related diseases (clinical research 1)

- Pj-05-1** Usefulness of isotope tests and clinical features in the diagnosis of Parkinson-related diseases

Atsuo Nakahara

Department of Neurology, Daisan Hospital, The Jikei University School of Medicine

- Pj-05-2** Feature of Parkinson's disease who did not detect abnormalities with DAT-SCAN and MIBG scintigraphy

Kanako Menjo

Department of Neurology, Kyoto Prefectural University of Medicine / Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital

- Pj-05-3** Anti-cholinergic drug for progressive supranuclear palsy: protocol for a randomized controlled trial

Yuichi Hayashi

Department of Neurology, Gifu University Graduate School of Medicine

- Pj-05-4** Development of PSP Dx Assist, a online tool to diagnose psp using MDS PSP diagnostic criteria

Shinei Kato

Department of Neurology, Gifu Prefectural General Medical Center / Department of Neurology, Gifu University Graduate School of Medicine

- Pj-05-5** Clinical characteristics of progressive supranuclear palsy with high levels of total tau in CSF

Ichiro Nozaki

Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences

- Pj-05-6** Brain Perfusion in Progressive Nuclear Palsy with Micturitional Disturbance

Yasuhiro Aso

Department of Neurology, Faculty of Medicine, Oita University

- Pj-05-7** Research of MDS-PSP criteria for progressive supranuclear palsy

Sakiko Itaya

Kanto Central Hospital of the Mutual Aid Association of Public School Teachers

- Pj-05-8** Study on osteoporosis and bone-related blood markers of Parkinson's disease

Yoshio Suzuki

Division of Neurology and Gerontology, Department of Internal Medicine, School of Medicine, Iwate Medical University

- Pj-05-9** Association between drooling and striatal dopaminergic function in Parkinson's disease

Hiroki Takatsu

Department of Neurology, the Jikei University School of Medicine, Tokyo, Japan

Parkinson's disease-related diseases (clinical research 2)

- Pj-06-1 Effects of STN-DBS on psychiatric symptoms in Parkinson's disease
Hitoshi Kujirai
Department of Neurology Juntendo University
- Pj-06-2 MRI Examination of edema and vascular injury after DBS surgery of Parkinson's disease
Yamato Nishiguchi
Neurology, Mie university
- Pj-06-3 Direction-evoked effects in the STN adjacent to the cZI and the PSA in tremor-dominant PD patients
Mayumi Kitagawa
Department of Neurology, Sapporo Teishinkai Hospital
- Pj-06-4 Prognostic factors of Deep brain stimulation for the patients with Parkinson's disease
Naoko Nakamura
Department of Neurology, Mie University Graduate School of Medicine
- Pj-06-5 MRI ASL for the detection of cerebral blood flow laterality in patients with corticobasal syndrome
Tomohisa Yamaguchi
University of Fukui Hospital Neurology
- Pj-06-6 Examination of remote outpatient treatment using smart glasses in patients with Parkinson's disease
Teiichirou Miyazaki
Department of Neurology and Strokology, Nagasaki University Hospital
- Pj-06-7 Effect of switching from dopamine agonists to zonisamide on psychiatric and motor symptoms in PD
Takashi Abe
Abe Neurology Clinic, Neurology
- Pj-06-8 Tube tip position and levodopa blood concentration during LCIG therapy
Yuki Yamanishi
Department of Clinical Pharmacology and therapeutics, Ehime University Graduate School of Medicine
- Pj-06-9 withdrawn

Motor neuron disease (epidemiology/test)

- Pj-07-1** Examination of the factor about the time until a diagnosis for amyotrophic lateral sclerosis
Yutaka Otsu
Department of Neurology, Brain Research Institute, Niigata University
- Pj-07-2** Evaluation of clinical symptoms and prognosis using MRI in amyotrophic lateral sclerosis
Katsuya Sakai
Neurology, Respirology, Endocrinology and Metabolism, Division of Internal Medicine, Miyazaki Medical College, University of Miyazaki
- Pj-07-3** Clinical and Radiological Study of Motor Neuron Disease with Progressive Nonfluent Aphasia
Yumi Honda
Kumamoto Saishun Medical Center
- Pj-07-4** Clinical characteristics of ALS patients with SOD1 mutation in Japan
Ryoichi Nakamura
Nagoya University
- Pj-07-5** Clinical characteristics of amyotrophic lateral sclerosis in Saga prefecture
Makoto Eriguchi
Division of neurology, Department of internal medicine, Saga University Faculty of Medicine
- Pj-07-6** Pneumothorax related to mechanical ventilation in patients with amyotrophic lateral sclerosis
Kazuyuki Kawamura
Department of Neurology, National Hospital Organization Minami Kyoto Hospital
- Pj-07-7** Prognosis of Noninvasive ventilation therapy for ALS patients in a multicenter prospective cohort
Naoki Hayashi
Nagoya University Graduate School of Medicine
- Pj-07-8** Fasciculation frequency by ultrasonography and disease progression in amyotrophic lateral sclerosis
Mayumi Sakata
Department of neurology, Wakayama medical university
- Pj-07-9** Risk factors for dysphagia in amyotrophic lateral sclerosis; 2nd report
Hiromu Ogura
department of neurology, Fukuoka university hospital

- Pj-07-10** The optimal method to detect tongue fasciculations of Amyotrophic Lateral Sclerosis
Takamasa Kitaoji
 Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine

Pj-08 Japanese Poster Session 08

Jp

Cerebellar ataxia (clinical research 1)

- Pj-08-1** Genetic data for genetic counseling to Alexander disease
Tomokatsu Yoshida
 Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine
- Pj-08-2** Clinical features of patients with autoimmune idiopathic cerebellar ataxia
Akira Takekoshi
 Department of Neurology, Gifu University Graduate School of Medicine
- Pj-08-3** The limit of temporal integration in spinocerebellar degeneration
Shin-ichi Tokushige
 Department of Neurology, Graduate School of Medicine, The University of Tokyo / Department of Neurology, School of Medicine, Kyorin University
- Pj-08-4** The pathological study including HSP immunostaining of one case with cerebellar ataxia after NMS
Hitosi Ota
 Department of Neurology, Mizusima Kyoudou Hospital
- Pj-08-5** Primary familial brain calcification caused by MYORG
Kodai Kume
 Department of Epidemiology, Research Institute for Radiation Biology and Medicine, Hiroshima University / Department of Gastroenterology and Neurology, Faculty of Medicine, Kagawa University
- Pj-08-6** The handkerchief guide: interaction between inter- and intrapersonal synergy in cerebellar subjects
Kiyomi Nagumo
 Ushioda general hospital, Department of Neurology
- Pj-08-7** Analysis of risk factors determining prognosis of multiple system atrophy
Ayaka Chikada
 Department of Neurology, Graduate School of Medicine, The University of Tokyo
- Pj-08-8** Analysis of cognitive function in pure cerebellar degeneration (SCA6 / 31 / CCA)
Katsuhisa Uchino
 Department of neurology, Southern Regional Hospital

- Pj-08-9** Natural history and cause of death in multiple system atrophy
Keishi Yokoyama
 NTT Medical Center Tokyo

Pj-09 Japanese Poster Session 09

Jp

Neuroimmunity (ANCA-related vasculitis/sarcoidosis)

- Pj-09-1** Two cases of granulomatosis with polyangiitis treated as otitis media with ANCA-associated vasculitis
Kinya Matsuo
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine
- Pj-09-2** A comparative analysis of CSF glucose level in neurosarcoidosis and leptomeningeal carcinomatosis
Reiko Kawasaki
 Department of Neurology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan
- Pj-09-3** Paraneoplastic cerebellar degeneration due to fallopian tube cancer, PET-CT is useful for diagnosis
Kiku Uwatoko
 Saga-ken Medical Centre Koseikan Department of Neurology
- Pj-09-4** Clinical features and incidence of encephalitis with refractory status epilepticus including NORSE
Akira Nishikawa
 HigashiOsaka City Medical Center
- Pj-09-5** The feature of 4 patients with ANCA associated vasculitis developing neurological symptoms at onset
Yumiko Nakano
 Department of Neurology, Okayama Medical Center
- Pj-09-6** Investigation of therapeutic effect of immunosuppressive therapy on rheumatoid meningitis
Yasuko Hanaoka
 Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine
- Pj-09-7** The effect of plasmapheresis for NINJA and its correlation with B cell abnormality
Naoki Kotsuki
 Department of Neurology, National Center of Neurology and Psychiatry
- Pj-09-8** Clinical courses and pathological findings of four cases with acute disseminated encephalomyelitis
Masakazu Nakamura
 Department of Neurology, Hokkaido Neurosurgical Memorial Hospital

Pj-09-9 Combination patterns of the immune-related adverse events following immune checkpoint inhibitors

Kenichiro Sato

Department of Neurology, the University of Tokyo Hospital

Pj-09-10 Usability of BAFF and APRIL as the biomarkers in the cerebrospinal fluid for PCNSL

Junji Ikeda

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine

Pj-10 Japanese Poster Session 10

Jp

Neuroimmunity (clinical research 1)

Pj-10-1 Usefulness of skeletal muscle CT in diagnosis of Lambert-Eaton myasthenic syndrome

Kazuaki Sajima

National Center of Neurology and Psychiatry

Pj-10-2 Suspected acute neuro-Behcet's disease: a study of 4 cases

Shogo Komaki

NTT Medical Center Tokyo Neurology

Pj-10-3 Neuromuscular complications after the treatment with immune checkpoint inhibitors: Two case reports

Yuki Akiba

Department of Neurology, Tokyo Medical University Hachioji Medical Center

Pj-10-4 Clinical analysis of three patients with FOSMN syndrome

Yohsuke Yagi

Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University

Pj-10-5 Antibodies against autonomic nerve receptors associated with adverse effects after HPV vaccination

Shu-ichi Ikeda

Intractable Disease Care Center, Shinshu University Hospital

Pj-10-6 Clinical course and possibility of the disease activity marker in rheumatoid meningitis

Tomoko Kijima

Department of Neurology, Niigata Prefectural Central Hospital

Pj-10-7 Recurrent aseptic meningitis with PIGT mutations: novel pathogenesis of recurrent meningitis

Michi Kawamoto

Kobe City Medical Center General Hospital

Pj-10-8 Neurological therapeutic strategy for postural tachycardia syndrome

Yoko Sunami

Tokyo Metropolitan Neurological Hospital

Pj-10-9 A Retrospective Examination of abnormal signal at brain stem in MR imaging

Rie Wakatsuki

Hamamatsu University School of medicine First Department of Medicine

Pj-10-10 Usage status and problems of immunoglobulin intravenous therapy (IVIG) in our hospital

Manami Kimura

Division of Neurology and Gerontology, Department of Internal Medicine, School of Medicine, Iwate Medical University

Pj-11 Japanese Poster Session 11

Jp

Muscle disease (muscular dystrophy, etc.)

Pj-11-1 Limb-girdle muscular dystrophy patients in specialized institutions from 1999 to 2013

Toshio Saito

Division of Child Neurology, Department of Neurology, National Hospital Organization Osaka Toneyama Medical Center

Pj-11-2 Analysis of long term course patients of Dysferlinopathy and GNE myopathy

Kenichiro Nakamura

Department of Neurology, Nishibeppu National Hospital / Department of Neurology, Faculty of Medicine, Oita university

Pj-11-3 Examination of c.3725G> A (p.R1242H) of dysferlin frequently found in Japanese general population

Toshiaki Takahashi

Department of Neurology, National Hospital Organization Sendai-Nishitaga Hospital

Pj-11-4 The genetic profile of dysferlinopathy in a cohort of 209 families

Rumiko Izumi

Department of Neurology, Tohoku University Graduate School of Medicine / Department of Medical Genetics, Tohoku University Graduate School of Medicine

Pj-11-5 Publication of a guidance for diagnostic approach to patients suspected muscular dystrophy

Katsuhisa Ogata

Department of Neurology/Institute of Clinical Research, National Hospital Organization Higashisaitama National Hospital

Pj-11-6 Assessing health management of female dystrophinopathy and DMD/BMD patients care-givers

Masatoshi Ishizaki

Department of Neurology, National Hospital Organization, Saishun Medical Center

Pj-11-7 Pathological features of 16 biopsies of myositis associated with GVHD

Tomoyuki Kazuta

Dept. of Neurology, Nagoya University Hospital National Hospital

- Pj-11-8** **Mild form of Danon disease: case reports of three patients**
Toshio Yasui
 Department of Neurology, Tokyo Metropolitan Neurological Hospital / Department of Neurology, National Hospital Organization Tokyo Medical center
- Pj-11-9** **Tracheal narrowing at the intersection of branchiocephalic artery in Duchenne muscular dystrophy**
Seigo Kimura
 Department of neurology, National hospital organization Suzuka national hospital / Department of neurology, Nagoya university graduate school of medicine
- Pj-11-10** **Clinical features of Neutral lipid storage disease associated with the PNPLA2 gene**
Makoto Samukawa
 Department of Neurology, Kindai university Hospital

Pj-12 Japanese Poster Session 12

Jp

Peripheral neuropathy (CIDP/GBS/MFS)

- Pj-12-1** **SOD1 mutations in genetic analysis of CMT patients**
Masahiro Ando
 Department of Neurology and Geriatrics, Kagoshima university
- Pj-12-2** **Somatosensory evoked potential in Miller-Fisher syndrome**
Masamune Kimura
 Kobe City Medical Center General Hospital, Department of Neurology
- Pj-12-3** **Efficacy of the use of subcutaneous immunoglobulin immunotherapy in five CIDP patients**
Shoko Deguchi
 Department of Neurology, Okayama city hospital
- Pj-12-4** **Cholesterol enhances antigen-antibody reactivity of gangliosides**
Yu Hongo
 Department of Neurology, National Defense Medical College
- Pj-12-5** **How long IVIg maintenance therapy should be continued for CIDP ?**
Masayuki Kurimura
 Okitama Public General Hospital, Dept. of Neurology
- Pj-12-6** **Mild Guillain-Barré syndrome after Campylobacter enteritis: clinical features and pathogenesis**
Michiaki Koga
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine
- Pj-12-7** **Report of practical medical examination of Guillain Barre syndrome and Fisher Syndrome**
Hiroyuki Onoue
 Department of Neurology Dokkyo Medical University Saitama Medical Center

- Pj-12-8** Clinical features of Guillain-Barre syndrome in elderly patients
Aya Ogino
Department of Neurology, Yokosuka Kyosai Hospital / Department of Neurology and Neurological Science, Graduate School, Tokyo Medical and Dental University
- Pj-12-9** Two scales of outcome prediction in Guillain-Barré syndrome: dissociation of results
Shiori Takahashi
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine
- Pj-12-10** Characteristics of Guillain-Barré syndrome with hyponatremia
Saori Morozumi
Japanese Red Cross Nagoya Daini Hospital

Pj-13 Japanese Poster Session 13

Jp

Epilepsy (clinical research)

- Pj-13-1** Clinical characteristics of transient myoclonus in the elderly in our hospital
Shunichi Matsuda
Department of Neurology, NTT Medical Center Tokyo
- Pj-13-2** Clinical Usefulness of arterial spin labeling in patients with epileptic status
Yasushi Kita
Neurology Service, Himeji Brain and Heart Center at Himeji / Neurology Division, Himeji Central Hospital
- Pj-13-3** Three cases of adult onset hemi-chorea
Saneyuki Mizutani
Tokyo Metropolitan Bokutoh Hospital
- Pj-13-4** Clinical features of 4 patients who presented new-onset refractory status epilepticus
Manato Hara
Department of Neurology, Center Hospital of the National Center for Global Health and Medicine
- Pj-13-5** Consideration of DWI reductions in patients after status epilepticus
Akiko Seto
Department of Neurology, the University of Tokyo
- Pj-13-6** Clinical study of adult patients with first seizure
Yuki Takeuchi
Hyogo Prefectural Amagasaki General Medical Center Neurology
- Pj-13-7** Clinical feature and prognosis of cognitive function in adult-onset epilepsy of unknown causes
Osamu Kawakami
Department of Neurology, Anjo Kosei Hospital

Pj-13-8 A retrospective study evaluating the effectiveness of lacosamide in patients with epilepsy

Ayako Miyoshi

Brain and Nerve Diseases Center, Fukuoka Sanno Hospital

Pj-13-9 Treatment adjustment and improvement of seizure in Patient with Dravet syndrome since adulthood

Yasumichi Koide

Koide Clinic of Epilepsy and Neurological Disorders

Pj-14 Japanese Poster Session 14

Jp

Higher brain dysfunction

Pj-14-1 Brain regions related to word and sentence repetition tasks: a voxel-based lesion mapping study

Yasuhiro Suzuki

Shizuoka Saiseikai General Hospital, department of Neurology

Pj-14-2 Resting-state functional MRI in patients with aphasia by acute stroke

Akihiko Ozaki

Department of Neurology, Osaka Saiseikai Nakatsu Hospital

Pj-14-3 Clinical and radiological characteristic features of 8 patients with progressive non-fluent aphasia

Shingo Koide

department of neurology, Niigata City General Hospital

Pj-14-4 Cognitive impairments in cerebellar degeneration

Fumiko Nakamoto

Neurology, Tokyo Teishin Hospital

Pj-14-5 Association between sarcopenia and cognitive function in neurologically normal Japanese

Shingo Mitaki

Shimane University, Department of Neurology

Pj-14-6 An analysis of the cognitive characteristics of the patients with social maladjustment using WAIS-4

Kazuhiko Ishikawa

Department of Neurology, Yahata Ohkura Hospital

Pj-14-7 The mechanism underlying extinction phenomenon

Katsuhiko Takeda

Bunkyo Cognitive Neuroscience Laboratory / Department of Neurology, National Hospital Organization, Sagami-hara National Hospital

Pj-14-8 The onset in transient global amnesia

Shuntaro Taniguchi

Department of Neurology, Yokohama City Minato Red Cross Hospital

- Pj-14-9** consideration of MRI findings and onset status of transient global amnesia in our outpatient clinic
Takashi Tokunaga
Nishinomiya Kyoritsu Neurosurgical Hospital Department of Neurology

Pj-15 Japanese Poster Session 15

Jp

Clinical neurophysiology (clinical research 1)

- Pj-15-1** Electroencephalographic findings in patients with Bickerstaff brainstem encephalitis
Hajime Yoshimura
Department of Neurology, Kobe City Medical Center General Hospital
- Pj-15-2** Intracortical inhibition/facilitation of amyotrophic lateral sclerosis measured by threshold hunting
Juuri Otsuka
Department of Medicine, Division of Neuroscience, Graduate School of Medicine, The University of Tokyo
- Pj-15-3** Effects of low-cut filter setting on duration of distal compound muscle action potential in FAP
Minori Kodaira
Department of Medicine (Neurology and Rheumatology), Shinshu University
- Pj-15-4** Atypical pattern of rebound nystagmus in 3 patients
Jun-ichi Yokota
Amakusa Rehabilitation Hospital / Dept. of Neurology, Juntendo School of Medicine / Ginza Internal Medicine & Neurology Clinic
- Pj-15-5** Racial differences of cortical function by threshold tracking transcranial magnetic stimulation
Yo-ichi Suzuki
Department of Neurology, Graduate School of Medicine, Chiba University, Chiba, Japan
- Pj-15-6** Difference in the speed of completing the decremental responses on RNS between MG and ALS
Yuki Ueta
Department of Neurology, Tokyo Medical University Hachioji Medical Center / Department of Neurology, Teikyo University School of Medicine
- Pj-15-7** Visual evoked potentials of neuromyelitis optica with anti-AQP4 antibody and anti-MOG antibody
Shinya Narukawa
Department of neurology, Saitama medical center, Saitama medical university
- Pj-15-8** Clinical and physiological investigation on patients with PSD and PLEDs
Ayako Shioya
Department of Neurology, Mito Kyodo General Hospital, Tsukuba University Hospital Mito Area Medical Education Center

Pj-15-9 Quantitative evaluation of functional motor parameters in sensory ataxia with infrared depth camera

Masahide Suzuki

Department of Neurology, Chiba University Graduate School of Medicine

Pj-15-10 Photo-stimulating effects of low reactive level laser on lower urinary tract function in normal rats

Tomoyuki Uchiyama

Department of Neurology, School of Medicine, International University of Health and Welfare

／Department of Neurology, Chiba University

Pj-16 Japanese Poster Session 16

Jp

Neurorehabilitation/medical engineering

Pj-16-1 The significance of long-term outpatient rehabilitation for post-stroke aphasia

Yasumasa Asai

Yokohamashintoshi neurosurgical hospital, department of rehabilitation

Pj-16-2 The responsible lesion of unispatial neglect in acute ischemia of anterior cerebral artery

Sunao Takahashi

Department of Neurology, JA Toride Medical Center

Pj-16-3 HAL[®] Walking Rehabilitation of Patients with Neuromuscular Diseases in Our Hospital

Akira Inukai

NHO Higashinagoya National Hospital

Pj-16-4 Efficacy of HAL[®] treatment for inclusion body myositis

Suzuki Naoki

Department of Neurology, Shodo-kai Southern Tohoku General Hospital / Department of Neurology, Tohoku University Hospital

Pj-16-5 Rehabilitation with Hybrid Assistive Limb[®] for Parkinson's disease

Yuko Torikai

Department of Neurology, Saiseikai Kanagawa-ken Hospital

Pj-16-6 Consider differences between visual cognition disorder and loss of visual imagery

Natsuki Miyakoshi

Tokyo metropolitan neurological hospital department of neurology

Pj-16-7 Noninvasive diagnosis of systemic amyloidosis with amyloid imaging

Ken Takasone

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine

- Pj-16-8** Effects of levodopa on LTP-like plasticity induced by quadripulse magnetic stimulation in PD
Shotaro Moriyasu
 Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University

Pj-17 Japanese Poster Session 17

Jp

Cerebrovascular disorders (endovascular treatment)

- Pj-17-1** Clinical review of patients with acute cholecystitis in acute cerebral infarction
Izumi Kondo
 Department of Neurology, Hitachi General Hospital
- Pj-17-2** In-hospital stroke - Factors associated with delays in symptom recognition
Kenji Isahaya
 Department of Neurology, St. Marianna University School of Medicine
- Pj-17-3** 4 cases with posterior circulation stroke who had neurological deterioration after a week later
Kotaro Noda
 TOKYO METROPOLITAN BOKUTOH HOSPITAL
- Pj-17-4** Early results of thrombectomy using Tron FX
Shigen Kasakura
 Department of Endovascular Neurosurgery, Saitama Medical University International Medical Center
- Pj-17-5** Features of in-hospital stroke patients treated with emergent endovascular recanalization
Naoki Tokuda
 Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital
- Pj-17-6** Effects of hotline and multi-disciplinary conference on shortening time concerning recanalization
Ryota Ueda
 Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital
- Pj-17-7** Relations of branch infarction after PTA and MCA form
Junpei Nagasawa
 yokohamashintoshin neurosurgery hospital, department of neurology
- Pj-17-8** Results of stent retriever device Tron FX in our hospital
Yoshinori Kurauchi
 Hakodate Shintoshin Hospital Neurology

Cerebrovascular disorders (anticoagulant /tumor-related)

- Pj-18-1** Discriminative ability of combination of variables to differentiate cardioembolic stroke
Masaki Naganuma
Department of Neurology, Saiseikai Kumamoto Hospital
- Pj-18-2** Cerebral ischemic events in patients with atrial fibrillation treated with oral anticoagulants
Yasuhiro Manabe
Department of Neurology, National Hospital Organization Okayama Medical Center
- Pj-18-3** Ischemic stroke under anticoagulant therapy
Junichiro Suzuki
TOYOTA memorial hospital
- Pj-18-4** Administration state of anti-coagulant drugs among the patients of cardioembolic stroke
Yoshitaka Umeda
Nagaoka Red Cross Hospital, department of neurology
- Pj-18-5** The onset time of stroke in patients taking direct oral anticoagulants
Amane Araki
Department of neurology, Japanese Red Cross Nagoya Daini Hospital
- Pj-18-6** The cut-off value of D-dimer to determine Trousseau syndrome
Sho Takeshita
Department of Neurology, Faculty of Medicine, Fukuoka University
- Pj-18-7** Relationship between serum fatty acid and cerebral infarction associated with advanced cancer
Tesseki Izumi
Department of Neurology, Nara Medical University
- Pj-18-8** Clinical characteristics of stroke associated with cancer-induced hypercoagulation
Kosei Hirata
Department of Neurology, Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital
- Pj-18-9** Stroke recurrence and death in patients with active cancer
Takeshi Imai
Department of Neurology, Kawasaki Municipal Tama Hospital
- Pj-18-10** Anticoagulant therapy for cerebral infarction associated with hypercoagulable state caused by cancer
Ayako Oniki
National Hospital Organization Disaster Medical Center

Cerebrovascular disorder (clinical research 2)

Pj-19-1 moved to MSP-14-9

Pj-19-2 Clinical characteristics of ischemic stroke cases that occurred taking direct oral anticoagulants

Yoshiko Takahashi

Department of Neurology, Akita University Hospital

Pj-19-3 Analysis of three cases of intravascular large B-cell lymphoma

Kazuma Koda

Division of Neurology, Hyogo Prefectural Amagasaki General Medical Center

Pj-19-4 Microbleeds is the risk factor of early recurrence after lacunar infarction

Yuka Terasawa

Department of Neurology, Brain Attack Center Ota Memorial Hospital

Pj-19-5 Significance of continuous blood glucose measurement for stroke patients with diabetes mellitus

Koichi Nomura

Department of Neurology, Shioda Hospital

Pj-19-6 The movement of thrombin anti-thrombin complexes of ischemic stroke in an acute phase

Akihiro Ueno

Suwa Red Cross Hospital

Pj-19-7 General outcomes and prognostic factors of cardioembolic stroke in the super-elderly patient

Kota Sato

Department of Neurology, Brain Attack Center Ota Memorial Hospital

Pj-19-8 Retrospective analysis on dissections of the anterior cerebral artery

Hiromasa Sato

Department of Neurology, Aizawa Hospital

Dementia (clinical research 1)

Pj-20-1 123I-FP-CIT SPECT in 2 patients with hydrocephalus associated with aqueduct stenosis

Yoichiro Nishida

Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU)

Pj-20-2 **Therapeutic effect measurement of Alzheimer's disease drug using resting-state functional MRI**

Kenichiro Yamashita

Department of Clinical Neurophysiology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University

Pj-20-3 **withdrawn**

Pj-20-4 **Effects of intensive rehabilitation on cerebellar ataxia ~Functional MRI study~**

Hyoh Kim

Department of Neurology, Shiga University of Medical Science

Pj-20-5 **Study of the correlation between quantitative EEG analysis and SPECT imagings in dementia**

Mieko Tanaka

Brain Functions Lab., Inc.

Pj-20-6 **Clinicopathological study in patients with frontotemporal dementia**

Aya Kawanami

Department of Neurology, Sagami National Hospital, Kanagawa, Japan

Pj-20-7 **Outcomes of hospitalized dementia patients in our ward with chief complaint of anorexia**

Naohiro Fumoto

Department of Neurology, Minami-Okayama Medical Center

Pj-20-8 **Age-related Limbic predominant TDP-43 proteinopathy and co-pathology**

Tomoyasu Matsubara

Department of Neurology and Neuropathology (Brain Bank for Aging Research), Tokyo Metropolitan Geriatric Hospital & Institute of Gerontology, Tokyo, Japan

Pj-21 Japanese Poster Session 21

Jp

Dementia (normal pressure hydrocephalus, evaluation)

Pj-21-1 **The change of oxy-Hb concentration of frontal lobes during word fluency task: a video-NIRS system**

Masayuki Satoh

Dementia Prevention and Therapeutics, Graduate School of Medicine, Mie University

Pj-21-2 **Clinical usefulness of the facial expression recognition test for patients in memory clinic**

Yoshinari Kawai

Department of Neurology, Oyama Memorial Spa Hospital

Pj-21-3 **Usefulness of the Benton Visual Retention Test in our hospital for dementia**

Motonori Takamiya

Department of Neurology, Kagawa Prefectural Central Hospital

- Pj-21-4** **BPSD and pre-disease personality**
Hiroyuki Hatsuta
Hatsuta Neurology Clinic
- Pj-21-5** **Usefulness of Magnetoencephalography (MEG) for Evaluation of Dementia**
Kimito Kondo
Department of Neurology, Hokuto Hospital
- Pj-21-6** **Shunt-responsive atypical parkinsonism**
Hirokazu Uchigami
Department of Neurology, Tokyo Kyosai Hospital
- Pj-21-7** **Preoperative factors of poor outcomes after surgery in idiopathic normal pressure hydrocephalus**
Erena Kobayashi
Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University /
Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine
- Pj-21-8** **Usefulness of cerebral spinal fluid Abeta1-42/1-40, Abeta1-42/1-38 ratio to distinguish AD from iNPH**
Takeshi Kuroda
Division of Neurology, Department of Medicine, Showa University School of Medicine
- Pj-21-9** **Study of 123I-ioflupane SPECT for idiopathic normal pressure hydrocephalus**
Yuma Okabe
Internal Medicine iii, Yamagata University Faculty of Medicine
- Pj-21-10** **The role of the medical center for dementia in the community**
Yuko Aihara
Shinozuka hospital Kitakanto neurological disorder research center

Pj-22 Japanese Poster Session 22

Jp

Parkinson's disease-related diseases (clinical research 4)

- Pj-22-1** **Responsiveness of LCIG treatment to anterocollis or retrocollis in patients with Parkinson's disease**
Maki Ozaki
Department of Neurology, Nara Medical University
- Pj-22-2** **Vitamin deficiency related to LCIG in patients with Parkinson's disease**
Yohei Mukai
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry

- Pj-22-3** Efficacy of Levodopa-carbidopa infusion gel for the patients of Juvenile-onset Parkinson disease
Natsuki Akiyama
Nagaoka Red Cross Hospital, department of neurology
- Pj-22-4** Levodopa-carbidopa intestinal gel (LCIG) therapy after GPi-DBS is effective
Kazuhiro Higashida
Department of Neurology and Geriatrics Gifu University Graduate School of Medicine
- Pj-22-5** The role and involvement of neurologists in LCIG for Parkinson's disease
Yuji Hashimoto
Department of Neurology, Saitama Prefectural Rehabilitation Center
- Pj-22-6** The efficacy and safety of adjuvant treatment to levodopa in Parkinson's disease
Yasuhiro Hiwatani
Department of Neurology, Shingu Municipal medical Center / Department of Neurology, Wakayama Medical University
- Pj-22-7** A double-blind, randomized clinical trial of duloxetine for pain in Parkinson's disease patients
Masahiro Nagai
Department of Neurology and Clinical Pharmacology, Ehime University Hospital / Clinical Research Support Center, Ehime University Hospital
- Pj-22-8** Clinically comprehensive research of outpatients with Parkinson's disease
Koushun Matsuo
Division of Neurology, Ohmihachiman Community Medical Center
- Pj-22-9** Study on the effect and usage of rasagiline in Parkinson's disease
Masahito Okada
Yokohamaminamikyousai Hospital Department of Neurology
- Pj-22-10** Randomized double-blind placebo controlled trial of Hydrogen gas inhalation for Parkinson's disease
Asako Yoritaka
Department of Neurology, Juntendo University Koshigaya Hospital

Pj-23 Japanese Poster Session 23

Jp

Parkinson's disease-related diseases (clinical research 5)

- Pj-23-1** Effectiveness and adverse reactions of rasagiline for patients with Parkinson's disease
Hirokazu Natsui
Kanto Central Hospital of the Mutual Aid Association of Public School Teachers

- Pj-23-2** The effect of rasagiline to daytime sleepiness and apathy in patients with Parkinson's disease
Yasushi Takehisa
Department of Neurology, Japanese Red Cross Okayama Hospital
- Pj-23-3** Decreased cough sensitivity and related brain regions in Parkinson's disease
Satoshi Tomita
National Hospital Organization Utano National Hospital Clinical Research Center and Department of Neurology
- Pj-23-4** Relations sleep disturbance based on two questionnaires in Parkinson's disease with clinical course
Arika Hasegawa
Department of Neurology, Nishi-Niigata Chuo National Hospital
- Pj-23-5** The change between the MAO-B inhibitors in Parkinson disease patients
Yusaku Shimizu
Department of Neurology Ina Central Hospital
- Pj-23-6** Effect of repeated lidocaine injections for camptocormia in Parkinson's disease
Koichi Nakao
Department of Neurology, Junwakai Memorial Hospital
- Pj-23-7** Case series of PD treated with Levodopa-carbidopa continuous infusion gel (LCIG) therapy
Toyohiro Sato
Department of Neurology and Neuroscience, Nagoya City University
- Pj-23-8** 3D motion capture evaluation of diadochokinesis in Parkinson's disease
Kazuya Sato
Department of Neurology, University of Tokyo
- Pj-23-9** Two cases of parkinsonism and cognitive dysfunction after ventriculoperitoneal shunt treatment
Makoto Mori
Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences
- Pj-23-10** Can the presence of constipation in PD patients be estimated by MIBG myocardial scintigraphy?
Sotaro Hieda
Showa University Department of Medicine, Division of Neurology

Parkinson's disease-related diseases (MRI /biomarker)

- Pj-24-1** Comparative study of nigmsome-I and melanin Imaging with DAT imaging in Parkinsonian syndrome
Kazuo Abe
Hyogo Medical College Hospital Department of Neurology /Hyogo Medical College Hospital
Center for Dementia and Related Disorders /Social Medical Corporation Kyowakai
Headquarter Office
- Pj-24-2** Clinical usefulness of locus coeruleus neuromelanin MRI in Parkinson's disease
Kazuyoshi Shinpo
Department of Neurology, Hokkaido Neurosurgical Memorial Hospital
- Pj-24-3** Reduced cortical thickness in Parkinson's disease is associated with L-DOPA equivalent dose
Kazuhide Seo
Department of Neurology, Saitama Medical University, Saitama, Japan
- Pj-24-4** Relationship between orthostatic hypotension and locus celureus detected by MR neuromelanin imaging
Yoshihiko Horimoto
Department of Neurology, Nagoya City Rehabilitation and Sports Centre
- Pj-24-5** Diagnostic potential of swallow tail sign in Parkinson's disease
Morinobu Seki
Department of Neurology, Keio University School of Medicine
- Pj-24-6** Variety of mild cognitive impairment in Parkinson's disease
Yasuko Kuroha
Department of Neurology,Nishi-Niigata Chuo National Hospital /Department of Molecular Genetics,Brain Research Institute, Niigata University
- Pj-24-7** Different clinical and neuroimaging characteristics in PD with dementia and DLB
Mami Takemoto
Department of Neurology, Okayama University
- Pj-24-8** Clinical features of Parkinson's disease with dysphagia
Kentarō Ohta
National Hospital Organization Niigata National Hospital, Department of Neurology
- Pj-24-9** GDF-15 in Parkinson's disease
Akiko Ishii
Department of Neurology, University of Tsukuba
- Pj-24-10** IMP-SPECT in 163 patients with multiple system atrophy
Kenta Shiina
Department of Neurology, Juntendo University School of Medicine

Motor neuron disease (long-term management/electrophysiology)

- Pj-25-1** Information sharing in amyotrophic lateral sclerosis patients with tracheostomy invasive ventilation
Arifumi Matsumoto
 Department of Neurology, National Hospital Organization, Miyagi National Hospital
- Pj-25-2** Diabetes mellitus in patients with amyotrophic lateral sclerosis
Komei Shimozone
 Department of Neurology, National Hospital Organization Minami-Okayama Medical Center /
 Department of Neurology, Kurashiki Central Hospital
- Pj-25-3** Study of the nutritional management for different stage of patients with ALS
Yasuto Nishida
 NHO Kumamoto Saishun Medical Center Department of Neurology
- Pj-25-4** Pain-related Somatosensory Evoked Potentials in Amyotrophic Lateral Sclerosis
Yumiko Harada
 Neurology of Nagoya University
- Pj-25-5** Phrenic nerve stimulation in patients with amyotrophic lateral sclerosis under respiratory support
Fumiko Hirashima
 Department of Rehabilitation Medicine, Flower and Forest Tokyo Hospital / Department of Neurology, Center for Neuromuscular and Intractable diseases, National Hospital Organization Hakone Hospital
- Pj-25-6** Clinical symptoms and needle EMG findings of ALS patients with rapid course
Keiko Ohnari
 Department of Neurology, School of Medicine, University of Occupational and Environmental Health
- Pj-25-7** Disease progression patterns in the different small hand muscles of ALS with upper limb onset
Tadashi Kanouchi
 Clinical laboratory, Medical hospital, Tokyo Medical and Dental University
- Pj-25-8** Cuff pressure and cuff volume in cases of tracheostomy positive pressure ventilation
Nobuhiko Shibasaki
 Sayama Neurological Hospital / Graduate school of faculty of medicine, Osaka university
- Pj-25-9** Problems on respiratory care for patients with tracheostomy Amyotrophic Lateral Sclerosis
Kiyonobu Komai
 Department of Neurology, Hokuriku Brain and Neuromuscular Disease Center, NHO Iou National Hospital

Neuroimmunity (optic myelitis)

- Pj-26-1** Response to steroid therapy in patients with anti-MOG antibody associated diseases
Yasutake Tada
Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences
- Pj-26-2** Clinical characteristics of patients with very late-onset neuromyelitis optica spectrum disorders
Keiichi Nakahara
Department of Neurology, Graduate School of Medical Sciences, Kumamoto University
- Pj-26-3** The role of TPH cells and switched memory B cells in the pathogenesis of AQP4-Ab positive NMOSD
Yasunobu Hoshino
The department of Neurology, Juntendo University / The department of Immunology, Juntendo University
- Pj-26-4** Investigation of the Visual Field Defects Pattern of Anti-Mog Antibody Optic Neuritis
Masahide Iijima
Department of Neurology, Yokosuka Kyosai Hospital
- Pj-26-5** Clinical features of MOG autoantibody-associated demyelinating diseases. -3 cases we experienced-
Kiyomi Odachi
Kuwana city medical center Department of Neurology
- Pj-26-6** Clinical features of CNS demyelinating disease with hyperintensity in the pyramidal tract on MRI
Yukako Nishimori
Department of Neurology, Nara Medical University
- Pj-26-7** Relationship between IL-6 and clinical parameters in anti-MOG antibody-associated disease
Reiji Aoki
The Department of Neurology, Chiba University School of Medicine
- Pj-26-8** Syncope due to severe orthostatic hypotension in a patient with neuromyelitis optica
Setsu Sawai
Department of Neurology, Chibaken Saiseikai Narashino Hospital / Department of Neurology, Graduate School of Medicine, Chiba University / Department of Functional Anatomy, Graduate School of Medicine, Chiba University

Neuroimmunity (myasthenia gravis 1)

- Pj-27-1** Cytokine profile of MuSK antibody-positive myasthenia gravis
 Akiyuki Uzawa
 Department of Neurology, Graduate School of Medicine, Chiba University
- Pj-27-2** The relation of clinical characteristics between aging and myasthenia gravis
 Ryo Sugaya
 National Hospital Organization Sendai Medical Center; Department of Neurology
- Pj-27-3** Efficacy of small dose steroid therapy for elderly onset generalized myasthenia gravis
 Akifumi Yamamoto
 NHO Omuta National Hospital, department of Neurology
- Pj-27-4** Decreased compound muscle action potential amplitudes in myasthenia gravis
 Yuta Kojima
 Department of Neurology, Graduate School of Medicine, Chiba University
- Pj-27-5** Examination of myasthenia gravis leading to crisis in our hospital
 Yoko Taniguchi
 Department of Neurology, Nagoya East Medical Center
- Pj-27-6** Clinical features of 2 patients with late-onset myasthenia gravis developing dysphagia at the onset
 Masaki Kakizawa
 Department of Neurology, Aizawa Hospital
- Pj-27-7** Decremental responses to repetitive nerve stimulation before and after therapy for myasthenia gravis
 Hiroyuki Naito
 Department of Neurology, Hiroshima City Hiroshima Citizens Hospital
- Pj-27-8** Treatment of Myasthenia Gravis With Eculizumab Improves The Quality of Life
 Masayuki Masuda
 Department of Neurology, Tokyo medical University
- Pj-27-9** Prognosis of Myasthenia Gravis as immune related Adverse Event of Anti-PD-1 Antibody in two cases
 Tomonori Yaguchi
 Department of Neurology, Gifu University Graduate School of Medicine
- Pj-27-10** Clinical features and VF findings of anti-MuSK antibody positive myasthenia gravis
 Kei Ishizuchi
 Department of Neurology, Keio University School of Medicine

Muscle disease (immune-mediated necrotic myopathy)

Pj-28-1 Clinicopathological study of asymptomatic necrotizing myopathy

Yu Mori

Toyota kosei hospital, department of neurology

Pj-28-2 Clinical features and therapy of three cases of myositis with anti-mitochondrial M2 antibodies

Shigehisa Ura

Department of Neurology, Japanese Red Cross Asahikawa Hospital

Pj-28-3 2 cases of HMGR antibody-associated necrotizing myopathy

Nanami Yamanaka

Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine

Pj-28-4 withdrawn

Pj-28-5 Effectiveness of tacrolimus for anti-SRP antibody positive immune-mediated necrotizing myopathy

Nobuaki Kuroiwa

Department of Neurology and Neurological Science, Tokyo Medical and Dental University

Pj-28-6 The effect of drug treatment and long-term prognosis in sporadic inclusion body myositis

Seiya Noda

Department of Neurology, National Hospital Organization Suzuka Hospital / Department of Neurology, Nagoya University Graduate School of Medicine

Pj-28-7 Whole exome sequencing in Japan patients with sporadic inclusion body myositis

Ayuka Murakami

Department of Neurology, Nagoya University Hospital

Pj-28-8 Efficacy of long-term intravenous immunoglobulin therapy in sporadic inclusion body myositis

Keigo Nakamura

Department of Neurology, Chiba University Hospital

Pj-28-9 IBMPFD-report of 2 families

Hayato Takeda

Department of Neurology, University of Tsukuba

Peripheral neuropathy (clinical research 1)

Pj-29-1 Considering the antibody producibility in therapeutic course of anti-MAG neuropathy

Masanori Nakajima

Department of Neurology, Kyorin University School of Medicine

- Pj-29-2** 6 case reports:neuropathy of cauda equina
Yuka Hayashi
Department of neurology, Jichi Medical University Saitama
- Pj-29-3** Does functional neurological disorder have influence on sensory nerve action potentials?
Kohei Morimoto
Devision of Neurology, Kobe University Graduate School of Medicine
- Pj-29-4** Roles of cellular immune abnormalities in the pathogenesis of diabetic polyneuropathy
Mitsuru Sanada
Department of Neurology, Shiga University of Medical Science /Department of Neurology, Kanazawa Medical University
- Pj-29-5** Correlation between abnormal median-normal sural and prognosis in demyelinating polyneuropathies
Atsuko Tsuneyama
Department of Neurology, Graduate School of Medicine, Chiba University
- Pj-29-6** Anti-ganglioside antibody-positive 3 cases with drop finger after upper limb pain
Akihiro Nakajima
Niigata Prefectural Shibata Hospital

Pj-30 Japanese Poster Session 30

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Metabolic disease

- Pj-30-1** Cerebrospinal fluid ATP as a potential biomarker in patients with MELAS
Takamasa Nukui
Department of Neurology, University of Toyama
- Pj-30-2** Clinical features of two CTX cases introduced for further examination of early-onset dementia
Atsuhiko Matsuno
Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine
- Pj-30-3** The Usefulness of Growth Differentiation Factor 15 for the diagnosis of Mitochondrial Disorders
Mika Yuji
Department of Neurology and Geriatrics, Kagoshima University
- Pj-30-4** Usefulness of hemodialysis for MELAS with severe lactic acidosis
Atsuhiko Higashi
Department of Neurology, Fujita Health University School of Medicine
- Pj-30-5** A case of cerebral adrenoleukodystrophy treated with hematopoietic stem cell transplantation
Yoshio Omote
Okayama University Hospital, Department of Neurology

- Pj-30-6** **Neurological features of wild-type ATTR amyloidosis**
Kiyoshi Nakafuji
 Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine
- Pj-30-7** **CSF study of Wernicke's encephalopathy**
Naoki Yamagata
 Yokohama City Minato Red Cross Hospital
- Pj-30-8** **Analysis of adults mtDNA in urinary epithelium**
Yu Hiramatsu
 Department of Neurology and Geriatrics, Kagoshima University Graduate School of Medical and Dental Sciences
- Pj-30-9** **2 Cases of Meningeal Amyloidosis**
Yoshimitsu Maki
 Kagoshima City Hospital
- Pj-30-10** **Clinical and electrophysiological changes of cerebrotendinous xanthomatosis under CDCA**
Tomoyo Hashimoto
 Department of Neurology, University of Occupational and Environmental Health

Pj-31 Japanese Poster Session 31

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Neuroinfectious disease (clinical research)

- Pj-31-1** **Evaluation of three cases of HAM/TSP with rapid progression**
Keiko Tamaki
 Department of Neurology, Fukuoka University
- Pj-31-2** **Two cases of myalgia associated with human parechovirus type 3 infection**
Kazuyoshi Yamaguchi
 Department of Neurology, Ishikawa Prefectural Central Hospital
- Pj-31-3** **Association between Jolt accentuation and laboratory findings in aseptic meningitis**
Daisuke Kuzume
 Department of Neurology, Chikamori Hospital
- Pj-31-4** **aseptic meningitis**
Susumu Sato
 kameda medical center neurology
- Pj-31-5** **Analysis of clinical features of 3 cases with orbital apex syndrome by invasive aspergilliosis**
Tamura Takayuki
 The University of Tokyo Hospital, Department of Neurology

- Pj-31-6** Two cases of progressive multifocal leukoencephalopathy with remitted hematologic malignancies
Yuki Mizumoto
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan
- Pj-31-7** Risk factors of late onset exacerbation in cryptococcal meningoencephalitis
Shuhei Ogami
Department of Neurology, Wakayama Medical University
- Pj-31-8** Review of 3 cases of tuberculous meningitis with high CSF ADA and efficacy of antituberculosis drugs
Rikiya Furutani
Shinshu Ueda Medical Center
- Pj-31-9** 10 cases of adult epidemic myalgia experienced in our department in the summer of 2019
Yuichi Hamada
Teikyo University School of Medicine, Neurology
- Pj-31-10** withdrawn

Pj-32 Japanese Poster Session 32

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Others 1

- Pj-32-1** Epidemiology of Huntington's disease in Japan
Yuko Motozaki
Department of Neurology, Hokuriku Brain and Neuromuscular disease center, National Hospital Organization Iou National Hospital
- Pj-32-2** Association of vertigo and gastrointestinal symptoms
Eriko Sugawara
Department of Neurology, Yokohama Brain and Spine Center, Yokohama, Japan
- Pj-32-3** Correlation of skin advanced glycation end products (AGEs) and sarcopenia/frailty in men
Sayaka Matsumoto
Department of Neurology and Geriatric Medicine, Graduate School of Medicine, Ehime University
- Pj-32-4** Current status of clinical trials in the field of neurology in Japan
Harumasa Nakamura
Translational medical center, National center of neurology and psychiatry
- Pj-32-5** Clinical significance of tickle sensitivity in neurological diseases
Hisatake Iwanami
Nishikata Hospital / Department of Neurology, Dokkyo Medical University

Pj-32-6 Atypical clinical features in adult-onset Alexander disease: two cases with novel *GFAP* mutations

Eiichiro Amano

Department of Neurology, Tsuchiura Kyodo General Hospital

Pj-32-7 Is it possible to predict pathological CBD? Consideration about autopsied cases of clinical CBS

Masato Okitsu

Department of Neurology, Tokyo Metropolitan Neurological Hospital

Pj-32-8 Examination of clinical features related to secondary intracranial hemorrhage in HSV encephalitis

Kenichi Iwasa

Shimane Prefectural Central Hospital

Pj-32-9 Spontaneous cervical epidural hematoma presenting with hemiplegia: a case series of 7 patients

Tomoaki Ono

Anjo Kosei Hospital Department of Neurology

Pj-33 Japanese Poster Session 33

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Cerebrovascular disorder (clinical research 3)

Pj-33-1 Clinical investigation for ocular movement abnormalities in cases with palatal tremor

Takekazu Ohi

Department of Neurology, Uji Hospital

Pj-33-2 Characteristics of lacunar infarction with symptoms of the unilateral face, upper and lower limb

Tomoaki Kameda

Department of Neurology, Shin-Oyama City Hospital

Pj-33-3 Incidence frequency and outcome of poststroke urinary retention

Hideo Terasawa

Hyogo Brain and Heart Center at Himeji

Pj-33-4 SPECT findings in two patients with cerebral infarction presenting with unilateral asterixis

Hideyuki Matsumoto

Department of Neurology, Mitsui Memorial Hospital

Pj-33-5 Responsible lesion and prognosis of hemichorea after stroke

Ryoma Inui

Kobe city medical center general hospital

Pj-33-6 Clinical study of CADASIL in our hospital

Akihiro Fujii

Department of Neurology, Saiseikai Shiga Hospital, Japan

- Pj-33-7** Factors affecting the age of onset of stroke in CADASIL
Mao Mukai
Department of Neurology, Kyoto Yamashiro General Medical Center / Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine
- Pj-33-8** Interpretation of the pathogenicity of the cysteine-sparing NOTCH3 variant p.Val237Met
Ikuko Mizuta
Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine
- Pj-33-9** Analysis of the pathogenesis in cerebral small vessel disease without NOTCH3 mutation
Akiko Watanabe
fukuchiyama city hospital / Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine
- Pj-33-10** Progression of microbleeds in patients with probable cerebral amyloid angiopathy
Yuichiro Ii
Department of Neurology, Mie University Graduate School of Medicine

Pj-34 Japanese Poster Session 34

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Cerebrovascular disorder (risk of development/test)

- Pj-34-1** Estimated daily sodium intake using spot urine in acute ischemic stroke patients
Yuhei Tanno
Department of Neurology, Nakatsugawa Municipal General Hospital, Japan
- Pj-34-2** Investigation of cerebral infarction cases that developed during SGLT2 inhibitor medication
Asuna Fujita
Tokyo Metropolitan Bokutoh Hospital Neurology
- Pj-34-3** Relationship between cognitive impairment and obstructive sleep apnea syndrome
Yasuhisa Akaiwa
Dokkyo Medical University Saitama Medical Center
- Pj-34-4** Clinical characteristics of patients undergoing transesophageal echocardiography in ESUS patients
Kenichiro Hira
Department of Neurology, Juntendo University Urayasu Hospital
- Pj-34-5** Study of clinical and image characteristics in multiple cerebral microbleeds
Kanako Muraga
Department of Neurological Science, Graduate School of Medicine, Nippon Medical School

Pj-34-6 Bedside evaluation of eye movements in acute pontine stroke patients
2nd report

Yosuke Kudo

Yokohama Brain and Spine Center Department of Neurology

Pj-34-7 Arterial Spin-Labeling MR imaging in patients with an
atherosclerotic middle cerebral artery disease

Hirokazu Ueda

Department of Neurology, JCHO Osaka Hospital

Pj-34-8 It is necessary not only to the amplitude, but also to the waveform of
F-wave in Stroke patients

Toshiaki Suzuki

Graduate School of Health Sciences, Graduate School of Kansai University of Health Sciences /
Research Center of Neurological Diseases, Kansai University of Health Sciences

Pj-34-9 Relationship between autonomic function and medical condition in
stroke patients

Koji Nakashima

Department of Neurology, Aichi Medical University Hospital

Pj-34-10 Investigation on 6 cases of Stroke with Essential Thrombocythemia

Yuki Morita

Nagano Red Cross Hospital Neurology

Pj-35 Japanese Poster Session 35

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Dementia (clinical research 2)

Pj-35-1 Clinical predictors of Alzheimer's disease progression

Nozomi Hishikawa

Department of Neurology, Okayama University Graduate School of Medicine, Dentistry and
Pharmaceutical Sciences

Pj-35-2 Association of cognitive decline with radiological biomarker and anti-
dementia drug

Naokazu Sasagasako

Department of Neurology, National Hospital Organization Omuta National Hospital

Pj-35-3 Evaluation of the influence that a memory cafe gives to a caregivers

Yosuke Wakutani

Department of Neurology and Medical Centre for Neurocognitive Disorders, Kurashiki Heisei
Hospital

Pj-35-4 Clinical investigations of a dementia care team in an acute care
hospital

Natsumi Furuta

Department of Neurology, National Hospital Organization Takasaki General Medical Center

- Pj-35-5** Action for the dementia prevention to practice with high school students
Hirokazu Bokura
Department of Neurology, Yasugi-Daiichi Hospital
- Pj-35-6** A pilot study evaluating the positive effects of Dance for patients with mild cognitive impairment
Aori Yamada
Tokyo Saiseikai Central Hospital Dementia related Diseases Medical Center
- Pj-35-7** A clinical study of MCI cases considered to be argyrophilic grain disease
Takuji Tsuji
SHIGEI HOSPITAL, Neurology
- Pj-35-8** Usefulness of ABC scale of dementia in our memory clinic
Shinji Ouma
Department of Neurology Fukuoka University
- Pj-35-9** The nationwide MCI registry contributing to trial-ready cohort
Keisuke Suzuki
Innovation Center for Clinical Research, National Center for Geriatrics and Gerontology

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Parkinson's disease-related diseases (clinical research 7)

- Pj-36-1** Risk for later Rapid Eye Movement sleep behavior disorder in Parkinson's disease
Hiroshi Kataoka
Nara Medical University, Department of Neurology
- Pj-36-2** Heterogeneous clinical diagnosis in autopsy proven Lewy body disease
Shuta Toru
Department of Neurology, Nitobe Memorial Nakano General Hospital
- Pj-36-3** Sleep disturbance in Parkinson's disease patients - difference between the drugs
Soutarou Taguchi
Aichi Medical University, Department of Neurology
- Pj-36-4** Clinical features of Parkinson's disease with REM sleep behavior disorder
Hiroaki Fujita
Department of Neurology, Dokkyo Medical University
- Pj-36-5** Clinical features of familial Parkinson's disease with a novel LRRK2 mutation p.R1501W
Satoshi Masuzugawa
Masuzugawa Neurology Clinic

- Pj-36-6** **Clinical evaluation on Dysphagia with Parkinson's disease**
Junko Ikeyama
Sagamihara National Hospital Physical Medicine and Rehabilitation
- Pj-36-7** **The relationship between nutrition status and dysphagia in Parkinson's disease using questionnaires**
Shinji Miyagawa
Department of Neurology, The Jikei University Katsushika Medical Center
- Pj-36-8** **Examination of clinical features in Parkinson disease with acute liver dysfunction and hypoglycemia**
Maya Ando
Juntendo University Shizuoka Hospital
- Pj-36-9** **Neuropathological study of cases with Parkinson disease presenting defect of olfactory bulbs**
Yuko Saito
Department of Laboratory Medicine, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- Pj-36-10** **Assessment of bone mineral density in patients with neurodegenerative parkinsonian diseases**
Ryo Aoyagi
Department of Neurology, Fukuoka University

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Jp

Parkinson's disease-related diseases (clinical research 8)

- Pj-37-1** **Clinical characteristics of Parkinson's disease patients who started medication after 80 years old**
Akari Takeshima
JCHO Akita Hospital, Neurology
- Pj-37-2** **withdrawn**
- Pj-37-3** **Serum uric acid levels in presymptomatic patients with Parkinson disease**
Kentaro Maeda
Department of Neurology, Okazaki City Hospital
- Pj-37-4** **Online satisfaction survey of patients and doctors in the treatment of Parkinson's disease**
Masahiro Nomoto
Saiseikai Imabari Center for Health and Welfare /Neurology, Clinical Trial Research Center, Imabari Hospital
- Pj-37-5** **Screening of the Parkinson's disease related genes using next-generation sequencing**
Yuhei Kanaya
Department of Epidemiology, Research Institute for Radiation Biology and Medicine

- Pj-37-6** Self-perceived stigma and motor symptoms in patients with Parkinson's disease
Aya Kumon
 Department of Neurology, National Hospital Organization, Sagami National Hospital /
 Department of Neurology, Kawasaki neurologic clinic
- Pj-37-7** Frailty and Clinical Features in Hospitalized elderly patients with Parkinson's Disease
Yutaka Arahata
 Department of Neurology, National Center for Geriatrics and Gerontology
- Pj-37-8** Anhedonia and depression in Parkinson's disease differently correlate with dopaminergic striatum
Hidetomo Murakami
 Department of Neurology, The Jikei University
- Pj-37-9** Planned hospitalization using clinical pathway for Parkinson's disease
Tetsuya Ioku
 Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital
- Pj-37-10** Efficacy of peer support by group-based in-patient rehabilitation in Parkinson's disease
Takao Mitsui
 Department of Neurology, Tokushima National Hospital National Hospital Organization /
 Department of Clinical Research, Tokushima National Hospital National Hospital Organization

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Jp

Parkinson's disease-related diseases (others)

- Pj-38-1** Preserved L-dopa responsiveness in a family of frontotemporal dementia with MAPT N279K mutation
Ryo Tokimura
 Department of Neurology, Fukushima Medical University
- Pj-38-2** Triple Neurotransmitter Replacement Therapy can improve symptoms in PSP patients
Kyoko Hamada
 Shin-Sapporo Neurosurgery Hospital
- Pj-38-3** Skin Alpha-Synuclein Deposits as a biomarker for Alpha-Synucleinopathies
Yusuke Matsumoto
 Department of Neurology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan
- Pj-38-4** Cause of admission in patients with Parkinson's disease
Keigo Nobukuni
 Department of Neurology, Izumino Hospital

Pj-38-5 Examination of motor and non-motor symptoms related to dysphagia in Parkinson's disease

Kensuke Kakiuchi

Aino Hospital, Department of Neurology

Pj-38-6 withdrawn

Pj-38-7 Relationship among motor and non-motor symptoms and QOL in PD :Examination by disease duration

Megumi Saruwatari

National Sagami Hospital / Sagami Counseling Room

Pj-38-8 Hypnagogic and hypnopompic hallucination in Parkinson's disease

Tomoko Komagamine

Department of Neurology, Dokkyo Medical University

Pj-38-9 Clinical study of parkinson's disease complicated with torsion of colon

Kenichi Sakajiri

Kanazawa Medical Center Department of Neurology

Pj-38-10 Effectiveness of elobixibat for constipation in patients with Parkinson's disease

Yoshiharu Nakae

Department of Neurology, Saiseikai Yokohamashi Nanbu Hospital

Pj-39 Japanese Poster Session 39

Jp

Motor neuron disease (clinical research 2)

Pj-39-1 Prior will confirmation survey in patients with amyotrophic lateral sclerosis

Yoshiyuki Kondo

Department of Neurology Seirei Hamamatsu General Hospital

Pj-39-2 Surveillance of Using Edaravone In ALS Patients In Japan (SUNRISE Japan): Interim Report 5

Kaoru Ishizaki

Mitsubishi Tanabe Pharma Corporation

Pj-39-3 Relationship between limbic atrophy and motor impairments in amyotrophic lateral sclerosis

Takahiro Takeda

National Hospital Organization Chibahigashi Hospital

Pj-39-4 Investigation of amyotrophic lateral sclerosis patients with serum CK elevation over time

Kazuaki Nagashima

Department of neurology, Gunma university hospital

- Pj-39-5** Three cases of amyotrophic lateral sclerosis with severe intestinal complication
Takehiro Ueda
Division of Neurology, Kobe University Graduate School of Medicine
- Pj-39-6** Clinicopathological study of bulbospinal muscular atrophy associated with multiple system atrophy
Raita Kikuchi
Department of Neurology, Ushioda General Hospital
- Pj-39-7** Investigation on the efficacy of Nusinersen for 3 cases of elderly spinal muscular atrophy
Gaku Okumura
Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine
- Pj-39-8** Multidisciplinary approach to successful delivery in a patient with severe SMA type 2
Ayano Kondo
Department of Neurology, Nagoya Daini Red Cross Hospital
- Pj-39-9** Clinical analysis of patients with neuronal intranuclear inclusion disease (NIID)
Minori Furuta
Gunma University Graduate School of Medicine
- Pj-39-10** An interim analysis of a post-marketing surveillance of nusinersen, a SMA treatment, in Japan
Toshie Devereaux
Biogen Japan

Pj-40 Japanese Poster Session 40

Jp

Cerebellar ataxia (MSA)

- Pj-40-1** Respiratory disorder in Multiple system atrophy
Yufuko Saito
National Hospital Organization Higashinagoya National Hospital Department of Neurology
- Pj-40-2** Vocal cord abductor paralysis in neurodegenerative disease
Ryo Nakachi
Okinawa hospital
- Pj-40-3** Sleep-related breathing disorders as early symptoms of multiple system atrophy: A report of 2 cases
Mika Takayanagi
Department of Neurology, Dokkyo Medical University
- Pj-40-4** Delayed consultation in multiple system atrophy and amyotrophic lateral sclerosis
Yuji Kawano
Department of Neurology, NHO Omuta National Hospital

- Pj-40-5** Why Multiple System Atrophy does not start at advanced age ?
Jinichi Nunomura
Department of Neurology, Aomori Prefetural Central Hospital / Division of Neurology, Aomori Shintosh Hospital
- Pj-40-6** Clinical course of multiple system atrophy and outcome of respiratory treatment in 100 patients
Kosei Nakamura
Department of Neurology, Nishi-Niigata Chuo National Hospital
- Pj-40-7** Study of death cases with multiple system atrophy(MSA) and progressive supranuclear palsy(PSP)
Masaru Inose
Okatsu Hospital Department of Neurology
- Pj-40-8** Is topiramate effective for hereditary spinocerebellar ataxia?
Shiroh Miura
Department of Neurology and Geriatric Medicine, Ehime University Graduate School of Medicine / Division of Respirology, Neurology and Rheumatology, Department of Medicine, Kurume University School of Medicine
- Pj-40-9** CSF alpha-synuclein and NG2 levels in multiple system atrophy
Takayoshi Tokutake
Department of Neurology, Brain Research Institute, Niigata University
- Pj-40-10** CT-detected esophageal dilatation in multiple system atrophy
Haruka Kawakami
Department of Neurology, The University of Tokyo Hospital

Pj-41 Japanese Poster Session 41

Jp

Neuroimmunity (myasthenia gravis 2)

- Pj-41-1** Clinical picture in patients with myasthenia gravis
Yukari Morita
Department of Neurology, Kochi Medical School Hospital
- Pj-41-2** Treatment details and clinical features of myasthenia gravis
Ryoji Kurosawa
NTT Medical Center Tokyo
- Pj-41-3** Clinical features of patients with myasthenia gravis associated with autoimmune thyroid disease
Genya Watanabe
Department of Neurology, National Hospital Organization Sendai Medical Center
- Pj-41-4** Postoperative crisis can be prevented with good control of myasthenia gravis
Naoya Minami
Department of Neurology, Hokkaido Medical Center

- Pj-41-5** Comparison between glucocorticoid or calcineurin inhibitor treatment for ocular myasthenia gravis
Shingo Konno
Department of Neurology, Toho University Ohashi Medical Center
- Pj-41-6** Treatment results of ocular myasthenia gravis
Shoko Yorozu
Department of Neurology, Wakayama Medical University
- Pj-41-7** Analysis of blood lymphocyte subsets and Th1/Th2 in myasthenia gravis with anti-AChR antibodies
Manato Yasuda
Department of Neurology, Graduate school of Medicine, Chiba University
- Pj-41-8** The effects of 3,4-diaminopyridine treatment in Lambert-Eaton myasthenic syndrome
Shou Kitahara
Department of Neurology, Nagaoka Red Cross Hospital

Pj-42 Japanese Poster Session 42

Jp

Neuroimmunity (multiple sclerosis 1)

- Pj-42-1** Trend treatment of multiple sclerosis and optic neuromyelitis in our hospital over the last 10 years
Shigemasa Suzuki
Department of Neurology Seirei Hamamatsu General Hospital
- Pj-42-2** Clinical course of MS patients without DMD
Katsuichi Miyamoto
Department of Neurology, Kindai University School of Medicine
- Pj-42-3** Safety and effectiveness of dimethyl fumarate: an interim report of a post-marketing survey in Japan
Yuko Shimizu
Tokyo Women's Medical University
- Pj-42-4** The experience of using fingolimod in the patients with multiple sclerosis in our hospital
Mizuki Kitamura
Department of Neurology, Yokohama Rosai Hospital
- Pj-42-5** Examination of sleep disorders in multiple sclerosis(2nd report)
Megumi Isa
University of Tsukuba hospital, Neurology
- Pj-42-6** Safety and effectiveness of natalizumab in a real-world clinical setting in Japan
Kazumasa Yokoyama
Department of Neurology, Juntendo University School of Medicine

- Pj-42-7** **Brain atrophies related to prospective memory deficit in multiple sclerosis**
Megumi Toko
 Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences
- Pj-42-8** **Clinical analysis of anti-MOG antibody positive patients with diagnosis of multiple sclerosis**
Chihiro Namatame
 Department of Neurology, Tohoku University School of Medicine
- Pj-42-9** **Safety and effectiveness of dimethyl fumarate in patients based on prior disease-modifying drugs**
Hirofumi Ochi
 Department of Neurology and Geriatric Medicine, Ehime University Graduate School of Medicine
- Pj-42-10** **Effect of artificial reproductive technology on relapsing-remitting multiple sclerosis**
Ayako Koguchi
 The University Tokyo hospital, department of Neurology

Pj-43 Japanese Poster Session 43

Jp

Peripheral neuropathy (familial amyloid polyneuropathy, etc.)

- Pj-43-1** **Sudomotor function using Sudoscan in patients with hereditary transthyretin amyloidosis**
Teruaki Masuda
 Department of Neurology, Graduate School of Medical Sciences, Kumamoto University
- Pj-43-2** **11C-Pittsburgh compound B - PET imaging as a biomarker for ATTR-type cerebral amyloid angiopathy**
Yusuke Takahashi
 Department of Medicine (Neurology & Rheumatology), Shinshu University School of Medicine
- Pj-43-3** **Clinical course of iatrogenic transthyretin amyloidosis after domino liver transplantation**
Yohei Misumi
 Department of Neurology, Graduate School of Medical Sciences, Kumamoto University
- Pj-43-4** **Clinical features of familial amyloid polyneuropathy in hereditary peripheral neuropathy**
Takaki Taniguchi
 Kagoshima University Department of Neurology
- Pj-43-5** **The biomarker for early diagnosis and pathological analysis of hereditary transthyretin amyloidosis**
Masamitsu Okada
 Department of Neurology, Graduate School of Medical Sciences, Kumamoto University

- Pj-43-6** Nerve fibers in EGPA might be injured by eosinophils besides ischemic change
Hiroki Takeuchi
Department of Neurology, National Hospital Organization Minami Kyoto Hospital
- Pj-43-7** Clinicopathological features of three cases with IgG4-related disease complicated with neuropathy
Tomoya Kawazoe
Department of Neurology, Tokyo Metropolitan Neurological Hospital
- Pj-43-8** Clinical features and therapeutic response of vasculitic neuropathy
Yumi Hoshino
Shinshu University Hospital Department of Neurology and Rheumatology
- Pj-43-9** Clinical features of EGPA with peripheral neuropathy
Junko Ishii
Department of Neurology, Kobe City Medical Center General Hospital

Pj-44 Japanese Poster Session 44

Jp

Epilepsy (pregnant and elderly)

- Pj-44-1** Levocarnitine for valproate-induced carnitine deficiency in Japanese adult
Nobuhiro Dougu
Department of Neurology, Toyama University Hospital
- Pj-44-2** Clinical features of post-stroke seizures - early or late seizures
Chikako Nito
Department of Neurology, Nippon Medical School
- Pj-44-3** Analysing the risk factor for hospitalization period in patients with epilepsy
Yuji Tateishi
Stroke Center Fukuoka University Chikushi Hospital
- Pj-44-4** Investigation of epilepsy treatment in pregnancy
Hiraku Matsuura
Department of neurology Kyoto prefectural university of medicine
- Pj-44-5** Hospital treatment in the elderly with epilepsy
Sachiko Hoshino
Division of Neurology, Department of Internal Medicine, Tsukuba Memorial Hospital
- Pj-44-6** Clinical characteristics of status epilepticus in patients with dementia
Tadashi Kimura
National Hospital Organization Maizuru Medical Center Dept of Neurology
- Pj-44-7** Retrospective investigation for significance of MEG results in candidates of epilepsy surgery
Tadashi Okada
Department of Neurology, Kyoto University Graduate School of Medicine

Pj-44-8 A case of adult-onset Rasmussen syndrome with refractory seizure ameliorated by intensive treatment

Yu Kitazawa

Department of Neurology and Stroke Medicine, Yokohama City University / Department of Neurology, Yokohama City University Medical Center

Pj-44-9 Medical treatment for outpatients with epilepsy in a foundation hospital

Naohiko Seike

Department of Neurology, Takatsuki General Hospital

Pj-45 Japanese Poster Session 45

Jp

Others 2

Pj-45-1 Analysis of the neurology related disease using data from Japan Registry of Clinical Trials

Rina Ando

Ehime University Graduate School of Medicine, Department of Clinical Pharmacology and therapeutics / Ehime University Hospital, Center for clinical research data and biostatistics

Pj-45-2 Health effects and onset time after exposure of methylmercury

Shigeru Takaoka

Kyoritsu Neurology and Rehabilitation Clinic

Pj-45-3 Relationship between ultrasonography and clinical findings in neurological diseases

Hidekazu Mera

Fukuoka University Hospital

Pj-45-4 Comparative study of the impact of benzodiazepine to neuroleptic malignant syndrome

Yasuhiro Takise

Department of Neurology, Kofu-Kyoritsu Hospital

Pj-45-5 The clinical, pathological study of malignant lymphoma in central nervous system

Emiko Horiuchi

Department of Neurology, NHO Sagami Hospital

Pj-45-6 Emotional Sweating in Acquired Idiopathic Generalized Anhidrosis

Nobuyuki Araki

Department of Neurology, Graduate School of Medicine, Chiba University / Department of , Graduate School of Medicine, Chiba University

Pj-45-7 Clinical characteristics of adverse neurological events caused by immune checkpoint inhibitors

Arisa Yamamoto

Asahiakwa Medical University Department of Neurology

Pj-45-8 Effect of introducing Microsoft Teams® to neurology team - 2nd Report

Fumiaki Katada

Department of Neurology, Kameda Medical Center

Pj-45-9 Study of 3 cases of schizencephaly

Hisashi Narai

Department of neurology, Okayama medical center

Pj-45-10 Clinical investigation for Takotsubo syndrome with neurological diseases

Kei Sato

Uji Hospital Neurology

Pj-46 Japanese Poster Session 46

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Cerebrovascular disorder (clinical research 4)

Pj-46-1 Relation of severity of basilar arterial dolichoectasia and cerebral small vessel disease

Shinji Ito

Department of Neurology, Fujita Health University

Pj-46-2 The study of nonstenotic carotid plaque in ESUS (embolic stroke of undetermined source)

Masahiro Kanai

Ichinomiyanishi Hospital Neurology

Pj-46-3 A case series of three ischemic stroke patients with truncal and ocular lateropulsion

Kenichi Irie

National Cerebral and Cardiovascular Center

Pj-46-4 The study about the stroke mechanism of AICA syndrome

Masanori Cho

Department of Neurology, Saiseikai Shiga Hospital, Shiga / NeuroEndvascular Therapy Center, Saiseikai Shiga Hospital, Shiga

Pj-46-5 Clinical Characteristic of 9 ischemic stroke cases due to PV or ET

Suzuki Fumiaki

Department of Neurology, Nippon Medical School, Japan

Pj-46-6 The relationship between serum IGF-1 levels and acute stroke patient outcome : a single center study

Akio Iwasaki

Dokkyo Medical University, Department of Neurology / Dokkyo Medical University, Center of Stroke

Pj-46-7 A study of factors affecting home discharge in convalescent stroke rehabilitation wards

Akira Yokote

Department of Neurology, Fukuseikai Minami Hospital / Department of Neurology, Fukuoka University

Pj-46-8 Influence of a Liaison-clinical pathway on the stroke patients

Yasuto Higashi

Department of Neurology, Himeji Central Hospital

Pj-46-9 Specific EEG features related to acute outcomes in post-stroke epilepsy with periodic discharges

Maya Tojima

Department of Neurology, Kyoto University Graduate School of Medicine

Pj-46-10 Influence of independence at discharge on long-term outcome in acute ischemic stroke survivors

Yoshinari Nagakane

Department of Neurology, Kyoto Second Red Cross Hospital

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Jp

Cerebrovascular disorder (clinical research 5)

Pj-47-1 Clinical characteristics and prognosis of Trousseau syndrome in patients with pancreatic cancer

Hitoshi Kubo

Internal medicine Seiyō municipal hospital

Pj-47-2 MRI changes in retinal vasculopathy with cerebral leukoencephalopathy

Noriyuki Yokoyama

Hakodate Medical Association Hospital

Pj-47-3 Cerebral Venous Thrombosis caused by Congenital Thrombophilia in Japan

Akihiro Shindo

Department of Neurology, Mie University Graduate School of Medicine

Pj-47-4 A retrospective analysis of causes of recurrent cerebral infarction

Kanji Yamamoto

Department of Neurology, Nagano Municipal Hospital

Pj-47-5 Investigation for the clinical characters of the patients with transient ischemic attack

Kei Yamakami

Kameda Medical Center, Department of Neurology

Pj-47-6 Characteristics of hospitalized stroke patients related to deep vein thrombosis / pulmonary embolism

Tomo Muramatsu

Department of Physical medicine and Rehabilitation, NCGM

- Pj-47-7** Clinical features of 8 cases of spinal cord infarction experienced in our hospital
Yusuke Mochizuki
Hokushin General Hospital
- Pj-47-8** A case of true posterior communicating aneurysm treated with stent-assisted coil embolization
Noriaki Tashiro
Fukuoka Neurosurgical Hospital Neurology
- Pj-47-9** Characteristics of cerebral hemorrhage demonstrating rapid improvement of symptoms
Tsugio Akutsu
Department of Neurology, Kitasato University, School of Medicine
- Pj-47-10** Examination of clinical characteristics according to the site in subtent bleeding
Ayako Nishimura
Department of Cerebrovascular Medicine , National Cerebral and Cardiovascular Center

Pj-48 Japanese Poster Session 48

Jp

Dementia (clinical research 4)

- Pj-48-1** Alcohol consumption and cognitive function in the presenile residents in Tango, Kyoto
Fumitoshi Niwa
Kyoto Prefectural Univ. of Medicine, Department of Neurology
- Pj-48-2** The clinical features of Neuronal Intranuclear Inclusion Disease
Yuki Saito
The department of neurology, Okazaki City Hospital
- Pj-48-3** Neuropsychological assessment of prodromal DLB
Akitoshi Takeda
Department of Neurology Osaka City University Hospital
- Pj-48-4** Early emergence of BPSD detected in cognitively normal subjects and mild cognitive impairment
Keiichiro Tsunoda
Department of Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
- Pj-48-5** Association between prevalence of atrial fibrillation and dementia in outpatients of memory clinic
Teruaki Kawasaki
Kyoto Clinical and Translational Research Center for Neurocognitive Disorders
- Pj-48-6** Clinical characteristic of patients showing disproportionate focal cortical atrophy
Takashi Kageyama
Department of Neurology, Tokai Memorial Hospital

- Pj-48-7** Study on clinical course of Alzheimer's disease
Motoharu Kawai
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine
- Pj-48-8** Effect of the medium-chain triglycerides on elderly person appealing for forgetfulness
Mieko Otsuka
 Department of Neurology International University of Health and Welfare Hospital
- Pj-48-9** Relationship between musical instrument performance and cognitive function in patients with dementia
Ken-ichi Tabei
 Advanced Institute of Industrial Technology, Tokyo Metropolitan University
- Pj-48-10** Examination using cerebrospinal fluid biomarkers in mild cognitive impairment (MCI) clinic
Takayuki Kato
 Dept. of Rehabilitation Medicine, Tokyo Metropolitan Geriatric Hospital

Pj-49 Japanese Poster Session 49

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Parkinson's disease-related diseases (clinical research 9)

- Pj-49-1** Noise pareidolia test in Parkinson's disease and atypical parkinsonism: a retrospective study
Takuya Matsumoto
 Department of Neurology, Wakayama Medical University
- Pj-49-2** Association of the incidence of hallucinations and plasma homocysteine in Parkinson's disease
Hitoshi Yamada
 Yokohama Neurology Clinic
- Pj-49-3** VTA melanin area was preserved in Parkinson's disease with LID
Ko Tsuyama
 Department of Neurology, Juntendo University Faculty of Medicine
- Pj-49-4** Analysis of light reflex in patients with Parkinson's disease using a simple pupillometer
Yoshiaki Takahashi
 Department of Neurology, Kagawa Prefectural Central Hospital
- Pj-49-5** Association between cardiac sympathetic nerve function and LV diastolic function in PD patients
Ken Yamamoto
 Department of Neurology, Showa University Fujigaoka Hospital

- Pj-49-6** **Circadian blood pressure variability and non-motor symptoms in Parkinson's disease**
Hideto Joki
 Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine
- Pj-49-7** **Postprandial hypotension after STN-DBS in patients with Parkinson's disease**
Toshiki Yoshida
 Department of Neurology, Chiba University Graduate School of Medicine / Department of Neurology, Asahi General Hospital
- Pj-49-8** **Chronological changes in blood pressure and heart beats in patients with Parkinson's disease**
Kazumasa Shindo
 Department of Neurology, University of Yamanashi
- Pj-49-9** **Factors associated with orthostatic hypotension in drug-naïve Parkinson's disease**
Junichiro Takahashi
 Department of Neurology, The Jikei University School of Medicine

Pj-50 Japanese Poster Session 50

Jp

Parkinson's disease-related diseases (autonomic/walking/posture)

- Pj-50-1** **Pathophysiology of orthostatic hypotension in Parkinson's disease by body composition analysis**
Tomohiko Nakamura
 Department of Neurology, Nagoya University Hospital / Department of Laboratory Medicine, Nagoya University Hospital
- Pj-50-2** **Clinical features of patients with Parkinson's disease with neurogenic orthostatic hypotension**
Shusaku Omoto
 Department of Neurology, The Jikei University School of Medicine
- Pj-50-3** **Clinical features of the PD patient group having peripheral vasoconstructive dysfunction without OH**
Masamichi Ueda
 Nagoya University Hospital Department of Neurology
- Pj-50-4** **Association between circadian blood pressure variations and psychosis or dementia in PD/DLB**
Shohei Nomoto
 Department of Neurology and Clinical Research Center National Hospital Organization Utano Hospital
- Pj-50-5** **Effect of orthostatic intolerance on Year-round blood pressure variation in Parkinson's disease**
Yuki Niimi
 Department of Neurology, Tsushima City Hospital

- Pj-50-6** **Proposal of a measuring method for drop head in Parkinson's disease**
Yohei Aoshima
 Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry
- Pj-50-7** **Features of Parkinson's disease patients with olfactory impairment**
Yuji Watanabe
 Dokkyo Medical University, Neurology
- Pj-50-8** **Postural control of Parkinson's disease according to crawling and turning over**
Hironobu Myojin
 Department of Neurology Seirei Hamamatsu General Hospital
- Pj-50-9** **Clinical features in Parkinson's disease with abnormality of tandem gait**
Yoshinori Kajimoto
 Neurology, Wakayama Rosai Hospital
- Pj-50-10** **Characteristics of spinal deformity in patients with Parkinson's disease**
Hiroo Terashi
 Department of Neurology, Tokyo Medical University

Pj-51 Japanese Poster Session 51

Jp

Motor neuron disease (clinical research 3)

- Pj-51-1** **Clinical observations of patients with ALS in the recent eight years**
Tomoyuki Miyamoto
 Department of Neurology Dokkyo Medical University Saitama Medical Center
- Pj-51-2** **A survey on feeding adjustment by videofluorography for patients with amyotrophic lateral sclerosis**
Masaya Oda
 Department of Neurology, Mifukai Vihara Hananosato Hospital
- Pj-51-3** **Asspciation between amyotrophic lateral sclerosis and type 2 diabetes mellitus**
Takayasu Fukudome
 Department of neurology, NHO Nagasaki Kawatana Medical Center
- Pj-51-4** **Quantitative assessment of physical activity in amyotrophic lateral sclerosis**
Makiko Naito
 tokyo medical university hospital Department of Neurology
- Pj-51-5** **Long term experience of surgical interventions for preventing aspiration in ALS**
Temma Soga
 Department of Neurology, Shodo-kai Southern TOHOKU General Hospital /Department of Neurology, Tohoku University Hospital

Pj-51-6 Substantial efficacy of edaravone in the ALS patients with clinical variety

Hiroko Oiwa

Aichi Medical University, Department of Neurology

Pj-51-7 A clinical skills laboratory is useful for ALS patients' families

Kiyokazu Kawabe

Department of Neurology Toho University Omori Hospital

Pj-51-8 Progression status of Japan Early-stage Trial of high dose methylcobalamin for ALS (JETALS)

Ryosuke Oki

Department of Neurology, Tokushima University Graduate School of Biomedical Sciences

Pj-52 Japanese Poster Session 52

Jp

Neuroimmunity (multiple sclerosis 2)

Pj-52-1 2 cases of Combined central and peripheral demyelination without anti-Neurofascin 155 antibody

Chisato Ohba

Japanese Red Cross Nagoya Daini Hospital, Neurology

Pj-52-2 Myelin Oligodendrocyte Glycoprotein Antibody-Associated Disease Similar to Multiple Sclerosis

Toshiyuki Hayashi

Department of Neurology, Nippon Medical School Hospital / Department of Neurology, Tokyo Metropolitan Neurological Hospital

Pj-52-3 The examination about clinical features of a family with familial multiple sclerosis

Mayumi Furuya

Saitama medical center

Pj-52-4 Comparison of ophthalmological findings in optic neuritis of MS and NMOSD

Nobuhiro Ido

Department of Neurology, Tokyo Medical University Hospital

Pj-52-5 Classification of Tumefactive lesion in Central nervous system inflammatory demyelinating disorders

Ryohei Ohtani

Department of Neurology, Graduate School of Medicine, Chiba University / Department of Neurology, JR Tokyo general hospital

Pj-52-6 The relation between early cognitive function and brain atrophy progression in RRMS

Kazumasa Okada

University of Occupational and Environmental Health

- Pj-52-7** Clinical study of anti-MOG antibody associated demyelinating diseases in our hospital
Chiyoko Nohara
Tokyo Metropolitan Health and Medical Treatment Corporation Ebara Hospital / Clinical study of anti-MOG antibody-associated demyelinating diseases in our hospital
- Pj-52-8** Progranulin of CSF is useful in differentiating CNS inflammatory demyelinating disease from CNS tumor
Hiroshi Tsuji
Department of Neurology, University of Tsukuba

Pj-53 Japanese Poster Session 53

Jp

Neuroimmunity (autoimmune encephalitis 1)

- Pj-53-1** Validation of NEOS score as functional prognostic prediction tool for NMDA encephalitis patients
Masahiro Yasunishi
Department of Neurology, Gifu University Graduate School of Medicine
- Pj-53-2** Two cases of autoimmune encephalitis in which SPECT findings were improved in response to treatment
Makoto Shibata
Department of Neurology, Gunma University Graduate School of Medicine
- Pj-53-3** Anti-N-methyl-D-aspartate receptor encephalitis effectively treated with Rituximab BS, a case series
Shohei Harase
Kameda Medical Center, Department of Neurology
- Pj-53-4** Anti-MOG Antibody Associated With Unilateral Cerebral Cortical Encephalitis: A case series study
Takashi Katakami
Department of Neurology, Kobe City Medical Center General Hospital
- Pj-53-5** The pelvic MRI settings for detection of ovarian teratoma in 2 cases of anti-NMDAR encephalitis
Yu Tamura
Department of Neurology, Osaka Red Cross Hospital
- Pj-53-6** The clinical analysis of anti-N-methyl-D-aspartate receptor encephalitis and antiepileptic drugs
Ayako Sonoda
Department of Neurology and Geriatrics, Kagoshima University hospital
- Pj-53-7** withdrawn
- Pj-53-8** A clinical analysis of PD-1 inhibitors-related myopathy
Taiji Mukai
Department of neurology, The Jikei University Kashiwa Hospital

- Pj-53-9 Clinical course of chronic progressive neuro-Behcet's disease
Akihiro Watanabe
National Hospital Organization Omuta National Hospital

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Muscle disease (myotonic dystrophy, etc.)

- Pj-54-1 Study of respiratory management for patients with myotonic dystrophy
Satoshi Kuru
NHO suzuka national hospital
- Pj-54-2 Autopsy study of myotonic dystrophy treated by cardiac pacemaker implant
Shuji Hashiguchi
Tokushima National Hospital Department of Neurology
- Pj-54-3 Visual-perceptual and frontal lobe function, and cortical atrophy in Myotonic dystrophy type 1
Masaaki Konagaya
Suzuka National Hospital
- Pj-54-4 Verification of benefits for treatment by DPP-4 inhibitor to myotonic dystrophy with diabetes
Hiroto Takada
Department of Neurology, Aomori National Hospital, NHO
- Pj-54-5 A ventriculoperitoneal shunt can improve hydrocephalus associated with myotonic dystrophy
Shoko Hongo
Department of Neurology, Brain Research Institute, Niigata University
- Pj-54-6 The characteristics of personality and its relation to clinical features in myotonic dystrophy
Minako Yamaoka
Department of Neurology, Nara Medical University
- Pj-54-7 Analysis of HLA class 2 antigen expression and clinical features in inflammatory myopathy
Kento Kodama
Neurology, Minami Kyusyu National Hospital

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Nerve infection (encephalitis/prion disease 2)

- Pj-55-1 An autopsy case of varicella-zoster virus associated encephalitis
Yang Kim
Department of Neurology Yokosuka Kyosai Hospital

- Pj-55-2** 3 cases of Cerebral Amyloid Angiopathy-related Inflammation in our hospital
 Itsuki Soejima
 Tsuchiura Kyodo General Hospital, Department of Neurology
- Pj-55-3** Mefloquine and mirtazapine in non-HIV/natalizumab-related progressive multifocal leukoencephalopathy
 Shuhei Egashira
 Department of Neurology, The University of Tokyo Hospital
- Pj-55-4** Two cases of varicella zoster virus encephalitis during autoimmune disease treatment
 Akiko Takahashi
 Jichi Medical University Saitama Medical Center Department of Neurology
- Pj-55-5** Clinical study of herpes simplex encephalitis in our hospital
 Kota Komai
 Department of Neurology, Nippon Medical School
- Pj-55-6** MR spectroscopy for white matter lesions of Creutzfeldt-Jakob disease
 Shinichiro Maruhamu
 Department of Neurology, National Hospital Organization Minami Kyoto Hospital
- Pj-55-7** Serial MRI findings in elderly onset cryptococcus meningitis
 Shimon Ishida
 Department of Neurology, Osaka Medical College
- Pj-55-8** Brain abscesses caused by Nocardia abscessus in a patient with idiopathic CD4⁺ T lymphocytopenia
 Kazutoshi Konomatsu
 South Miyagi Medical Center Neurology
- Pj-55-9** Relationship between age and EEG in sporadic Creutzfeldt-Jakob disease
 Yuta Usui
 Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences
- Pj-55-10** Clinical investigation of segmental zoster paresis
 Nobuko Shiraiwa
 Course of Neurology, Department of Health Sciences, Tsukuba University of Technology /
 Department of Neurology, Tsukuba Memorial Hospital

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Headache/other 2

- Pj-56-1** Functioning and disability among migraine patients: a long-term, open-label study of galcanezumab
 Tomomi Nakamura
 Eli Lilly Japan K.K., Kobe, Japan

- Pj-56-2** Characteristics of two cases of narcolepsy Type 1 presenting with adult-onset weakness attack

Masakazu Wakai

Department of Neurology, Chutoen medical center

- Pj-56-3** Association between RI cisternography and CT myelography for diagnosis of CSF leakage

Yukihiro Namihira

Department of Cardiovascular Medicine, Nephrology and Neurology, Graduate school of Medicine, University of the Ryukyus

- Pj-56-4** Clinical diversity in patients with spinal CSF leaks; a case series

Kazuki Obara

Department of Neurology, Anjo Kosei Hospital

- Pj-56-5** Study of risk factors for migraine after the Great East Japan Earthquake during 2012-2018

Masako Kudo

Department of Neurology and Gerontology, Iwate Medical University

- Pj-56-6** Intrathecal Nusinelsen treatment for Spinal muscular atrophy III

Takuma Mori

Department of Neurology and Geriatrics, Kagoshima University Hospital

- Pj-56-7** 4 cases of anti-LGII encephalitis from the point of view of MRI findings and cognitive functions

Aki Murayama

TOKYO METROPOLITAN NEUROLOGICAL HOSPITAL

- Pj-56-8** Cognition of Texture among the Community Inhabited Elderly

Chifuimi Iseki

Division of Neurology and Clinical Neuroscience, Department of Internal Medicine 3rd, Yamagata University School of Medicine

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Intractable disease medical care

- Pj-57-1** Evaluation of nutritional status in hospitalized patients with intractable neurological wards

Yasuko Odake

Hokuriku Hospital

- Pj-57-2** Prevalence of frailty in patients with SMON

Kenichi Sakai

Department of Neurology, National Hospital Organization Minami-Okayama Medical Center

- Pj-57-3** Four cases of patient with low selenium on long-term tube feeding

Tetsuya Takahashi

Department of Neurology, NHO Nishiniigata Chuo Hospital

- Pj-57-4 Prognosis and clinical factors of patients with neurological diseases under mechanical ventilation
Yutaka Nishiyama
Sayama Neurological Hospital, neurology
- Pj-57-5 Two case of myotonic dystrophy type 1 administrated intermittent oral catheterization
Kentaro Deguchi
Department of Neurology, Okayama city hospital
- Pj-57-6 A comparison about the neurologist's report for communication aid based on the making experience
Tamotsu Imura
Chubu Gakuin University
- Pj-57-7 Usefulness of online medical care and the team care system for patients with an intractable disease
Akiyo Hineno
Intractable Disease Care Center, Shinshu University Hospital / Third Department of Medicine, Shinshu University School of Medicine
- Pj-57-8 For the better transition system in neurology, Questionnaire survey
Michiko Tsutsumiuchi
Jichi Medical University Saitama Medical Center, department of Neurology
- Pj-57-9 Neural prognosis and utilization of Electroencephalogram (EEG) in emergency medical center
Asato Tsuji
Japanese Red Cross Kobe Hospital Neurology
- Pj-57-10 The characteristics of patients with severe convulsion
Haruhisa Kato
Department of Neurology, Tokyo Medical University Hospital