

The 54th Annual Meeting of the Japanese Society of Child Neurology

May 17–19, 2012
Royton Sapporo, Japan

PROGRAM

Presidential Lecture

Novel therapies for pediatric neurological diseases: overview of the 54th Annual Meeting of Japanese Society of Child Neurology
Tadashi Ariga* (Japan)

*Department of Pediatrics, Hokkaido University Graduate School of Medicine, Hokkaido, Japan

Special Lecture

Receiving the Nobel Prize in Chemistry

Akira Suzuki* (Japan)

*Professor Emeritus, Hokkaido University, Hokkaido, Japan

Invited Lecture

AAV-mediated gene therapy for lysosomal storage diseases with neurological features

Miguel Sena-Esteves (USA)

*Department of Neurology and Gene Therapy Center, University of Massachusetts Medical School, Worcester, MA, USA

[Theme 1] Road to the future of regenerative medicine in child neurology

Keynote Lecture

Modelling the pathophysiology of neurodegenerative and neuro-developmental diseases using iPS cell technology

Hideyuki Okano* (Japan)

*Department of Physiology, Keio University School of Medicine, Tokyo, Japan

Symposium : Regenerative medicine using iPS cells; is it a future therapy for pediatric neurological disorders?

Chairs : Yukitoshi Takahashi¹, Shinji Saitoh² (Japan)

¹National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

²Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan

1) Applications of iPS cell research for the analysis of molecular pathogenesis and the development of novel therapeutic strategies of CNS malformations

Yonehiro Kanemura* (Japan)

*Division of Regenerative Medicine, Institute for Clinical Research, Osaka National Hospital, National Hospital Organization, Osaka, Japan / Department of Neurosurgery, Osaka National Hospital, National Hospital Organization, Osaka, Japan

2) Epilepsy Research with iPS cells

Shinichi Hirose* (Japan)

*Department of Pediatrics, Fukuoka University, Fukuoka, Japan / Research Institute for The Molecular Pathomechanisms of epilepsy, Fukuoka, Japan

3) iPS cell-based cell therapy of muscular dystrophy

Yuko Suzuki*, Shin-ichi Takeda (Japan)

*National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

[Theme 2]

Symposium : Appeal from Hokkaido for the better quality of clinical care in our community for disabled children

Chairs : Kazuhiko Cho¹, Akiko Tsuzuki² (Japan)

¹The Department of Pediatrics, Hokkaido Asahikawa Habilitation Centre for Disabled Children, Hokkaido, Japan

²The Department of Pediatrics, Hokkaido Medical Center for Child Health and Rehabilitation, Hokkaido, Japan

1) Questionnaire study for patients with severe motor and intellectual disabilities in Hokkaido and comparison to other areas in Japan

Shinji Saitoh* (Japan)

*Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan

2) The present conditions of the support of persons with severe motor and intellectual disabilities that Hokkaido Ryoikuen do

Azuma Hiramoto* (Japan)

*Hokkaido Ryoikuen, Hokkaido, Japan

3) The present situation and the future for patients with neuromuscular and neurological disease using home mechanical ventilation

Yuka Ishikawa*, Yukitoshi Ishikawa, Ryouji Minami (Japan)

*Department of Pediatrics, National Organization Yakumo Hospital, Hokkaido, Japan

4) Building a community network for a "barrier-free" environment: TEACCH program tells us about making our community more friendly to everyone

Kazutoshi Takahashi* (Japan)

*Oshima Regional Rehabilitation Center for Children in Need, Hokkaido, Japan

5) Examination about the present condition and the subject of ADHD

Akiko Araki* (Japan)

*Department of Pediatrics, Asahikawa Medical University, Hokkaido, Japan

6) Support for Disabled Children in Hokkaido

Isao Furukawa* (Japan)

*Department of Health and Welfare Bureau of Welfare Health and Welfare Division for the Disabled, Hokkaido Government, Hokkaido, Japan

[Theme 2] Designated lectures: Topics for self-independent human life of disabled children

1) About the input device and move supportive device which support the self-reliance of the child who cannot move by himself, and development

Kiyomi Matsuo* (Japan)

*Faculty of Medicine, Saga University, Saga, Japan

2) DTI and MR imaging analysis for children with motor disability -from a radiologist's point of view-

Shoko Yoshida* (USA)

*The Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore, MD, USA

[Theme 3] Guidelines for the management of pediatric headache

Mitsue Fujita^{1,2}, Kentaro Kuwabara³, Naoki Ando⁴ (Japan)

¹Department of Pediatrics, Tsukuba Gakuen Hospital, Tsukuba, Ibaraki, Japan

²Headache care center for children and adolescents, Tokyo Clinic, Tokyo, Japan

³Department of Pediatrics, Nippon Medical School, Tokyo, Japan

⁴Department of Pediatrics and Neonatology, Nagoya City University, Aichi, Japan

[Theme 4] Autoimmune encephalopathy: Up-to-Date

Keynote Lecture

Clinical spectrum and cellular mechanisms of autoimmunity to NMDA and other synaptic receptors

Josep Dalmau* (Spain)

*University of Barcelona, Hospital Clinic/IDIBAPS, Barcelona, Spain

Symposium : Autoimmune encephalopathy: Current topics of diagnosis and treatment

Chairs : Masaharu Hayashi¹, Masashi Mizuguchi² (Japan)

¹The Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan

²The Department of Developmental Medical Sciences, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

1) Role of antibodies to glutamate receptors

Yukitoshi Takahashi* (Japan)

*National epilepsy center, Shizuoka, Japan

2) Clinical picture of Rasmussen encephalitis – Result of nationwide survey

Hirokazu Oguni* (Japan)

*Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

3) Acute encephalitis with refractory, repetitive partial seizures

Hiroshi Sakuma* (Japan)

*Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

4) Clinical features and pathophysiology in anti-NMDA receptor encephalitis

Takahiro Iizuka* (Japan)

*Department of Neurology, Kitasato University, School of Medicine, Kanagawa, Japan

[Theme 5] Innovation of human technology in child neurology

1) Child neurology and a robot suit

Yoshiyuki Sankai* (Japan)

*Graduate School of Systems and Information Engineering, University of Tsukuba, Ibaraki, Japan

2) DecNef-decoded fMRI neurofeedback- and Child neurology

Mitsuo Kawato* (Japan)

*Advanced Telecommunications Research Institute International, Kyoto, Japan

3) Diversity of quality-of-life technology for alternative communication and mobility aids

Shuichi Ino* (Japan)

*Human Technology Research Institute, National Institute of Advanced Industrial Science and Technology, Ibaraki, Japan

Educational Lecture 1

Development of biological clock and sleep-wake rhythm: application of chronobiology to pediatrics

Sato Honma* (Japan)

*Department of Chronomedicine, Hokkaido University Graduate School of Medicine, Hokkaido, Japan

Educational Lecture 2

Pediatric moyamoya disease – Trace of research and perspectives

Kiyohiro Houkin* (Japan)

*Department of Neurosurgery, Hokkaido University Graduate School of Medicine, Hokkaido, Japan

Educational Lecture 3

Glutamate signaling and neural plasticity

Masahiko Watanabe* (Japan)

*Department of Anatomy, Hokkaido University Graduate School of Medicine, Hokkaido, Japan

Educational Lecture 4

Autism spectrum disorder and oxytocin in relation to CD38

Haruhiro Higashida*, Toshio Munosue

*Research Center for Child Mental Development, Kanazawa University, Kanazawa, Japan

Educational Lecture 5

Clinical application of high-field MRI for the pediatrician

Yuji Suzuki* (Japan)

*Center for Integrated Human Brain Science, Brain Research Institute, University of Niigata, Niigata, Japan / Niigata National Hospital, Niigata, Japan

Educational Lecture 6

Metabolic myopathy

Ichizo Nishino* (Japan)

*Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

Educational Lecture 7

Recent expansion of advanced genomics in clinical applications

Osamu Ohara* (Japan)

*Department of Human Genome Research, Kazusa DNA Research Institute, Chiba, Japan / Laboratory for Immunogenomics, Research Center for Allergy and Immunology, RIKEN, Kanagawa, Japan

Educational Lecture 8

Epileptic seizure manifestation

Hideo Shigematsu* (Japan)

*National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

Educational Lecture 9

Pitfalls of using some types of enteral nutrient formulas and milk

Hiroko Kodama* (Japan)

*Department of Health and Dietetics, Faculty of Health and Medical Sciences, Teikyo Heisei University, Tokyo, Japan

Educational Lecture 10

Genomic disorders: their impact on pediatric neurology

Shinji Saitoh* (Japan)

*Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan

*Symposium 1 : Pediatric epilepsy surgery: Benefits of early diagnosis and surgical treatments*Chairs : Hiroshi Otsubo¹, Nobukazu Nakasato² (Canada, Japan)¹Division of Neurology, Department of Paediatrics, The Hospital for Sick Children, University of Toronto, Toronto, Canada²Department of Epileptology, Tohoku University School of Medicine, Miyagi, JapanCommentator : Shigeki Kameyama¹, Koji Iida² (Japan)¹Nishi-Niigata Chuo National Hospital, Niigata, Japan²Department of Neurosurgery, Hiroshima University, Hiroshima, Japan

1) Long-term seizure remission after total corpus callosotomy in pediatric patients with epilepsy

Masaki Iwasaki*, Mitsugu Uematsu, Yuko Sato, Tojo Nakayama, Tomoko Kobayashi, Naomi Fukuyo, Kazuhiro Haginoya, Kazutaka Jin, Shin-Ichiro Osawa, Hisashi Itabashi, Nobukazu Nakasato, Teiji Tominaga (Japan)

*Department of Neurosurgery, Tohoku University Graduate School of Medicine, Miyagi, Japan

2) Pediatric epilepsy surgery, advantage of early recognition of candidates- from developmental outcome-

Nobusuke Kimura*, Yukitoshi Takahashi, Hideo Shigematsu, Katsumi Imai, Koichi Baba, Kazumi Matsuda, Yushi Inoue (Japan)

*National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorder, Shizuoka, Japan

3) Early surgery for intractable infantile epilepsy associated with malformations of cortical development

Akio Takahashi*, Taisuke Otsuki, Ryouko Honda, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki (Japan)

*Department of Neurosurgery, National Center Hospital of Neurology and Psychiatry, Tokyo, Japan

4) Early surgical intervention for pediatric intractable epilepsy: What is the role of pediatric neurologists?

Tomoyuki Akiyama* (Japan)

*Department of Child Neurology, Okayama University Hospital, Okayama, Japan

5) Cooperation between paediatrician and Neurosurgeon in surgical treatment of childhood epilepsy

Nobuhiro Mikuni* (Japan)

*Department of Neurosurgery, Sapporo Medical University School of Medicine, Hokkaido, Japan

Symposium 2 : Update of diagnosis and treatment of inherited metabolic diseases

Chairs : Hiroko Kodama¹, Haruo Shintaku² (Japan)¹Department of Health and Dietetics, Faculty of Health and Medical Sciences, Teikyo Heisei University, Tokyo, Japan²Osaka City University, Osaka, Japan

1) Hyperphenylalaninemia

Haruo Shintaku* (Japan)

*Department of Pediatrics, Osaka City University Graduate School of Medicine, Osaka, Japan

2) Progress in diagnosis and treatment for mucopolysaccharidoses

Torayuki Okuyama* (Japan)

*Center for Lysosomal Storage Diseases, National Center for Child Health and Development, Tokyo, Japan

3) Update of the treatment for Wilson's disease and Menkes disease

Hiroko Kodama* (Japan)

*Department of Health and Dietetics, Faculty of Health and Medical Sciences, Teikyo Heisei University, Tokyo, Japan

4) Current status of diagnosis and treatment in adrenoleukodystrophy

Nobuyuki Shimozawa* (Japan)

*Division of Genomics Research, Life Science Research Center, Gifu University, Gifu, Japan

Symposium 3 : Congenital hypomyelinating leukodystrophy: from genome analysis to diagnosis and treatment

Chairs : Hitoshi Osaka¹, Ken Inoue² (Japan)¹Division of Neurology, Clinical Research Institute, Kanagawa Childrens Medical Center, Kanagawa, Japan²Department of Mental Retardation and Birth Defect Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

1) Congenital hypomyelinating leukodystrophy: from genome analysis to diagnosis and treatment

Ken Inoue*, Akiko Iwaki, Kenji Kurosawa, Junichi Takanashi, Kimiko Deguchi, Toshiyuki Yamamoto, Hitoshi Osaka (Japan)

*Dept. Mental Retardation and Birth Defect Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

2) Clinical and molecular manifestations of congenital cerebral hypomyelination

Hitoshi Osaka*, Ken Inoue, Hiroto Saito (Japan)

*Division of Neurology, Clinical Research Institute, Kanagawa Childrens Medical Center, Kanagawa, Japan

3) MRI and MR spectroscopy in hypomyelinating disorders

Jun-Ichi Takanashi* (Japan)

*Department of Pediatrics, Kamada Medical Center, Chiba, Japan

4) Establishment of iPS cells from patients with CNS diseases

Keiko Shimojima*, Toshiyuki Yamamoto (Japan)

*Japan Science and Technology Agency, Tokyo, Japan / Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

Symposium 4 : Trend of the neurodevelopmental disorders: from the pathogenesis to the social factor

Chairs : Takeo Kubota¹, Yushiro Yamashita² (Japan)¹Department of Epigenetic Medicine, University of Yamanashi, Yamanashi, Japan²Department of Pediatrics and Child Health, School of Medicine, Kurume University, Fukuoka, Japan

1) The social trend of the developmental disorder of our country

Asayo Ishizaki* (Japan)

*Oji clinic: Division of Medicine The Association of Remedial Teaching for People with Developmental Handicaps, Tokyo, Japan

2) Maternal and intra-uterine nutrition and developmental disorders

Hideoki Fukuoka* (Japan)

*Comprehensive Research Organization, Waseda University, Tokyo, Japan

3) The developmental brain function and environmental epigenetic programming

Takae Hirasawa*, Satoshi Ishida, Yuriko Tahara, Akira Endo, Koizumi Schuichi, Kunio Miyake, Takeo Kubota (Japan)

*The Department of Epigenetic Medicine, University of Yamanashi, Yamanashi, Japan

4) Interactive communication between Medical and school staffs in children with developmental disorders

Tatsuya Koeda* (Japan)

*Department of Regional Education, Faculty of Regional Sciences, Tottori University, Tottori, Japan / Department of Clinical Research, National Hospital Organization Tottori Medical Center, Tottori, Japan

5) Social dysfunction in Asperger syndrome as revealed by neuroimage and gaze behavior

Nobumasa Kato* (Japan)

*Showa University Karasuyama Hospital, Tokyo, Japan

6) Pharmacological and behavioral treatment for children with AD/HD: Recent advances

Yushiro Yamashita* (Japan)

*Department of Pediatrics & Child Health, Kurume University School of Medicine, Fukuoka, Japan

*Workshop 1 : The lessons from the East Japan Earthquake and Tsunami from a view point of the child neurologist*Chairs : Toshisaburo Nagai¹, Kazuhiro Haginoya² (Japan)¹Course of Health Science, Graduateschool of Medicine, Osaka University, Osaka, Japan²Takuto Rehabilitation Center for Children, Miyagi, Japan

Introduction : Kazuie Inuma* (Japan)

*Department of Pediatrics, Red Cross Ishinomaki Hospital, Miyagi, Japan

1) Measures to deal against natural calamities with network of medicine, welfare, and administration

Soichiro Tanaka*, Kazuhiro Haginoya, Keisuke Wakusawa, Satoru Kobayashi (Japan)

*Department of family support, Takuto Rehabilitation Center, Miyagi, Japan / Department of Pediatrics, Takuto Rehabilitation Center, Miyagi, Japan

2) "Rescue 311", E-mail based medical-related consultation system for the earthquake victims

Takashi Shiihara* (Japan)

*Department of Neurology, Gunma Children's Medical Center, Shibukawa, Gunma, Japan

3) Psychological Reaction of children affected by the Great East Japan Earthquake

Hirokazu Yoshida* (Japan)

*Miyagi Comprehensive Children's Center, Miyagi, Japan

4) Our medical treatment after the accident of nuclear power plants in Fukushima

Hiroyuki Morita* (Japan)

*Fukushima Rehabilitation Center for Children, Fukushima, Japan

5) Mental care and stress management at disaster-stricken area by the earthquake and tsunami: Situation of the children and desired role of the supporters

Hideaki Sato* (Japan)

*Coconet Center for Child Development, Emergency Supportive Team of Miyagi for the Victim of the East Japan Earthquake, Miyagi, Japan

*Workshop 2 : Aspects of psychologists in the field of child neurology*Chairs : Yukuo Konishi¹, Ryoichi Sakuta² (Japan)¹Department of Psychology, Doshisha University, Kyoto, Japan²Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University, Koshigaya Hospital, Saitama, Japan

1) The results of questionnaire for councils and memberships in the Japanese Society of child neurology

Ryoichi Sakuta*

*Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University, Koshigaya Hospital, Saitama, Japan

2) Medical Knowledge for psychologists in pediatric neurology practice

Katsuo Sugita*

*Division of Child Health, Faculty of Education, Chiba University, Chiba, Japan

3) The clinical psychologist and medical treatment reward

Masaru Tatsuno* (Japan)

*Department of Pediatrics, Showa University School of Medicine, Tokyo, Japan

4) Qualification of psychologist in medicine

Yukuo Konishi* (Japan)

*Department of Psychology, Doshisha University, Kyoto, Japan

5) The assessments and consultation of developmental disabilities required for psychologists

Jiro Ono* (Japan)

*Department of Special Education, Faculty of Education, Wakayama University, Wakayama, Japan

*Public Seminar : The present status and problems of Compensation System for Birth Troubles in Japan*Chairs : Kenji Sugai¹, Kouzaburo Aso² (Japan)¹Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan²Department of Pediatrics, Aichi Prefectural Aotiori Medical and Welfare Center for the Handicapped, Aichi, Japan

1) Current status and challenges of The Japan Obstetric Compensation System for Cerebral Palsy and a future perspective of reviewing the system; A consideration from Japan Council for Quality Health Care

Shigeru Ueda* (Japan)

*Director and Executive Managing Director of The Japan Compensation System for Cerebral Palsy, Japan Council for Quality Health Care, Tokyo, Japan

2) Problems and requests for a medical certificate in Compensation System for Birth Troubles: suggestion from a pediatric neurologist

Akira Sudo* (Japan)

*Department of Pediatrics, Sapporo City General Hospital, Hokkaido, Japan

3) Experience of creating a medical certificate

Tetsuo Kubota* (Japan)

*Department of Pediatrics, Anjo Kosei Hospital, Aichi, Japan

4) Perspective and opinion as a member of judging committee

Akira Oka* (Japan)

*Department of Pediatrics, Kyorin University, Tokyo, Japan

- 5) Significance of Compensation System for Birth Troubles in Japan from a standpoint of obstetricians
Hisanori Minakami* (Japan)

*Department of Obstetrics, Hokkaido University Graduate School of Medicine, Hokkaido, Japan

Morning Education Seminar 1 : Joint Researches Supported by Japanese Society of Child Neurology (JSCN)

Chairs : Masayuki Sasaki¹, Hideo Sugie² (Japan)

¹Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan

²Department of Pediatrics, Jichi Medical University, Tochigi, Japan

- 1) National survey and proposal of diagnosis and management for maternal uniparental disomy 14 and its related disorders
Shinji Saitoh* (Japan)

*Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan

- 2) Clinical Research of Acute Encephalopathy Associated with Congenital Adrenal Hyperplasia
Hideo Yamanouchi*, Yu-Ichi Abe, Tetsuro Sakai, Masashi Mizuguchi (Japan)

*Department of Pediatrics, Saitama Medical University School of Medicine, Saitama, Japan

- 3) A study on molecular mechanism of juvenile Fahr's disease (idiopathic bilateral brain calcification)
Isao Hozumi*, Nobuyuki Shimozawa, Toshiyuki Shibata, Takashi Inuduka (Japan)

*Laboratory of Medical Therapeutics and Molecular Therapeutics, Gifu Pharmaceutical University, Gifu, Japan

Morning Education Seminar 2 : Expert opinion: Drug therapy for children with autistic symptoms

Chairs : Takanori Yamagata¹, Hideo Sugie¹ (Japan)

¹Department of Pediatrics, Jichi Medical University, Tochigi, Japan

- 1) Investigation of drug therapy in children with autistic symptoms
Eiji Nakagawa* (Japan)

*Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

- 2) Pharmacotherapy of Autistic Disorder Pharmacological treatment of autistic children by a child psychiatrist
Shinji Kurokawa* (Japan)

*Sapporo City General Hospital Seiryoin Hospital Department of Child Psychiatry, Hokkaido, Japan

- 3) Pharmacotherapy for Autistic Children in Pediatric Clinic
Shinya Miyamoto* (Japan)

*Human Sciences, University of Tsukuba, Ibaraki, Japan

B&D Seminar : Let's write your paper in English – Part 2

Chair Makiko Kaga¹, Takao Takahashi² (Japan)

¹ National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan

² Department of Pediatrics, Faculty of Medicine, University of Keio, Tokyo, Japan

- 1) Notes on how to write English articles for Japanese authors.
Masaharu Hayashi* (Japan)

*The Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan

- 2) A few tips of oral presentation in English
Shinichi Hirose* (Japan)

*Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan

- 3) Why we write English papers? For what, whom, why not Japanese?
Hiroshi Otsubo* (Canada)

*Division of Neurology, The Hospital for Sick Children, Toronto, Canada

Night Seminar 1 : Recent issues concerning paid carers legally allowed to provide medical cares

Chairs : Kiyokuni Miura¹, Bunsei Egawa² (Japan)

¹Chair of Developmental Disability Medicine, Nagoya University Graduate School of Medicine, Aichi, Japan

²Soleil Kawasaki, Kanagawa, Japan

- 1) Outline of laws and regulations in medical care - sputum suction and tube feeding etc- by nonmedical staff
Kenji Takagi* (Japan)

*Ministry of Health, Labour and Welfare, Tokyo, Japan

- 2) Correspondence with a disabled person institution facing legislation about medical care in community.
Bunsei Egawa* (Japan)

*Soleil. Kawasaki, Kanagawa, Japan

- 3) The present conditions and problem in Hokkaido
Azuma Hiramoto* (Japan)

*Hokkaido Ryoikuen, Hokkaido, Japan

4) Issues of Daily Medical Care for Children with Severe Disability in Special Schools in Tokyo

Eiji Kitazumi* (Japan)

*National Rehabilitation Center for Disabled Children, Tokyo, Japan

5) The problems of medical care at the school for handicapped children in Kanagawa prefecture

Yusaku Miyamoto*, Hitoshi Yamamoto (Japan)

*Department of Pediatrics, St. Marianna University School of Medicine, Kanagawa, Japan / Division of Pediatrics, Kawasaki Municipal Tama Hospital, Kanagawa, Japan

Night Seminar 2 : Botulinum therapy for children with cerebral palsy

Chairs : Atsuo Nezu¹, Nobuaki Iwasaki² (Japan)¹Clinic for Child Neurology Yokohama Residential Care and Medical Centre for Developmentally Disabled Person, Kanagawa, Japan²Department of Pediatrics, Ibaraki Prefectural Medical College Center Hospital, Ibaraki, Japan

1) Botulinum therapy of children with disabilities to quadriplegia in the outpatient

Mitsuko Ishii* (Japan)

*Division of Pediatric Neurology, Chiba Rehabilitation Center, Chiba, Japan

2) Severe respiratory distress coincided with the course of the treatment of cervical dystonia with type A botulinum toxin (BoNT-A) in the 2 adults with severe cerebral palsy

Sui Sone*, Katsuhito Araki, Hiroshi Hamaguchi, Yoshiko Takeda, Takanori Ezoe, Harumi Saijo, Tsunenori Hirayama, Mayumi Okada, Hisaharu Suzuki, Kiyoko Kurata (Japan)

*Tokyo Metropolitan Higashiyama Medical Center for Developmental Multiple Disabilities, Tokyo, Japan

3) Effects of botulinum toxin type A in children and adolescents with spastic tetraplegia

Nobuaki Iwasaki*, Jyunko Nakayama, Yukiyo Shimizu, Satoshi Ihara, Naoko Nishigami, Hideyo Kinugasa, Emi Inada, Kenji Shin, Hideo Satho (Japan)

*Department of Pediatrics, Ibaraki Prefectural University of Health Science, Inashiki, Ibaraki, Japan

4) Domestic expert opinions about botulinum toxin treatment for children

Atsuo Nezu* (Japan)

*Clinic for Child Neurology Yokohama Residential Care and Medical Centre for Developmentally Disabled Person, Kanagawa, Japan

The 6th Child Sleep Group MeetingChairs : Kyoko Hoshino^{1,2}, Yoko Asaka² (Japan)¹Department of pediatrics Minamiwakayama medical center, Wakayama, Japan²Faculty of health sciences, Hokkaido University, Hokkaido, Japan

1) A 13-year-old girl with night screaming

Kumi Kato*, Yukari Saito, Ayano Saso, Akiyo Takashima, Tomoko Yagi (Japan)

*Ota Memorial Sleep Center, Kanagawa, Japan

2) A 13-year old boy who suffered from irritability in course of FRD to DSPD, a case report

Kyoko Hoshino* (Japan)

*Department of pediatrics, Minamiwakayama Medical center, Wakayama, Japan

3) Importance and difficulty of the treatment to the circadian sleep rhythm disorder in 3 cases of ADD

Shigeyuki Matsuzawa*, Keiko Owari, Seiki Tajima, Kazumi Takai, Teruhisa Miike (Japan)

*Hyogo Children's Sleep and Development Medical Research Center, Hyogo, Japan

4) Daytime activity and sleep among the children with pervasive developmental disorder and the healthy children

Yukako Tatsumi*, Ikuko Mohri, Sachiko Shimizu, Yuko Ohno, Masako Taniike (Japan)

*Department of Mathematical Health Science, Graduate School of Medicine, Osaka University, Osaka, Japan

5) Comparison of respiratory effort between before and after adenotonsillectomy based on intercostal EMG

Ayumi Takahashi*, Sayako Teraoka, Satomi Mugii, Asako Okazaki, Kayoko Asahi, Shihoko Kimura, Ikuko Mohri, Noboru Ohki, Kumi Kato, Masako Taniike (Japan)

*Laboratory for Clinical Investigation, Osaka University Hospital, Osaka, Japan

6) Skin Potential Response Measurement under Child Sleep

Noboru Ohki* (Japan)

*NoruPro Light Systems, Inc. Tokyo, Japan

7) Analysis of non-REM atonia in routine EEG study—normal value and significance in neurological diseases

Masaya Kubota*, Hirohumi Kashii, Hiroshi Terashima, Sayaka Ohta, Aki Andou (Japan)

*Division of Neurology, National Center for Child Health and Development, Tokyo, Japan

8) Sleep disorders in the patients at a developmental pediatrics clinic in USA

Michio Fukumizu*, Emma Wojtal, Marie Hayes (Japan, USA)

*Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled, Tokyo, Japan / Department of Psychology, University of Maine, USA

9) Predicting Pre-school Children Sleep Disorder with Japanese Sleep Questionnaire for Toddler

Sachiko Shimizu*, Kumi Kato, Ikuko Mohri, Yuko Ohno, Masako Taniike (Japan)

*Division of Health Sciences, School of Medicine, Osaka University, Osaka, Japan

10) Behavioral treatment for shaping night sleep habits of healthy infants: Review of the research

Yoko Asaka*, Satoshi Takada (Japan)

**Faculty of Health Sciences, Hokkaido University, Hokkaido, Japan / Kobe University Graduate School of Health Sciences, Hyogo, Japan*

11) Alteration of child sleep after the opening of hayaoki site

Jun Kohyama* (Japan)

Tokyo Bay UrayasuIchikawa Medical Center, Chiba, JapanThe 4th Annual Meeting of Japanese Society for Pediatric immune-mediated brain diseases: Primary angitis of the CNS in children*

Chair : Akira Oka (Japan)

The Department of Pediatrics, Kyorin University, Tokyo, Japan

1) Classification and pathology of primary angitis of the CNS in children

Akira Oka* (Japan)

**The Department of Pediatrics, Kyorin University, Tokyo, Japan*

2) Three cases with primary angitis of the CNS

Hirofumi Kosuge*, Shiro Ozasa, Keiko Nomura, Shigemi Kimura (Japan)

**Child Development, Kumamoto University Hospital, Kumamoto, Japan*

3) Diagnosis of Primary angitis of the central nervous system (PACNS)

Sayaka Ohta*, Aki Ando, Hiroshi Terashima, Hirofumi Kashii, Masaya Kubota (Japan)

**Department of Neurology, National Center for Child health and Development, Tokyo, Japan*

4) A case of primary angitis of the central nervous system with emphasis on treatment

Shinichi Hirabayashi*, Satoru Hirano, Takafumi Nishimura (Japan)

**Division of Child Neurology, Nagano Children's Hospital, Nagano, Japan*

5) Secondary angitis of the central nervous system in childhood; neuro-Behcet's disease

Hiroyuki Torisu* (Japan)

The Comprehensive Maternity and Perinatal Care Center, Kyushu University Hospital, Fukuoka, JapanMorning Seminar*

Hypocarnitinemia in Pediatric Practice

Tetsuya Ito* (Japan)

Department of Pediatrics and Neonatology, Nagoya City University, Graduate School of Medical Sciences, Aichi, JapanLuncheon Seminar 1*

The Management of Infantile Convulsion

Shin-ichi Nijima* (Japan)

Department of Pediatrics, Juntendo University Nerima Hospital, Tokyo, JapanLuncheon Seminar 2*

Advances in the Management of Refractory Epilepsy in Children – a focus on neuromodulation with VNS therapy

Angus A. Wilfong* (USA)

Pediatrics and Neurology Baylor College of Medicine, Houston, USALuncheon Seminar 3*

Treatment strategies for refractory epilepsy of childhood

Hirokazu Oguni* (Japan)

Department of Pediatrics, Tokyo Women's Medical University, Tokyo, JapanLuncheon Seminar 4*

The drug treatment strategy for intractable epilepsy in children -How to manage adverse side effects associated with newer AEDs in children?

Salvatore Grosso* (Italy)

Department of Pediatrics, Pediatric Neurology and Neuroendocrinology Unit, University of Siena, ItalyLuncheon Seminar 5*

Antiepileptic drugs and pregnancy, focusing on the development influence of prenatal drug exposure

Yasuko Yamatogi*

Professor emeritus, Okayama Prefectural University, Okayama, JapanLuncheon Seminar 6*

Diagnosis and Treatment of Pompe Disease

Makiko Osawa*

Professor of Pediatrics, Tokyo Women's Medical University, School of Medicine, Tokyo, JapanLuncheon Seminar 7*

Developmental Trauma Disorder and ADHD

Akemi Tomoda* (Japan)

**Research Center for Child Mental Development, Fukui University, Fukui, Japan*

Luncheon Seminar 8

Medication for ADHD by Brain Science: Default Mode Network and Functional Connectivity

Takashi Hayashi* (Japan)

**Yamaguchi Prefectural University Graduate school of Health and Welfare, Yamaguchi, Japan*

Luncheon Seminar 9

Present status of management of status epilepticus in children

Kenji Sugai*

**Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry*

Luncheon Seminar 10

Up-to-date treatment strategy for severe hypertonia

1) Strategy for treatment in abnormal hypertonic state from pathophysiological view point

Masaya Kubota* (Japan)

**Division of Neurology, National Medical Center for Children and Mothers, National Center for Child Health and Development, Tokyo, Japan*

2) Surgery for hypertonia in childhood

Nobuhito Morota* (Japan)

**Division of Neurosurgery, National Medical Center for Children and Mothers, National Center for Child Health and Development, Tokyo, Japan*

Luncheon Seminar 11

Drug treatment for pediatric epilepsy – The usage of new antiepileptic drugs

Hideo Shigematsu* (Japan)

**National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan*

Luncheon Seminar 12

Gastrostomy: Trend and New Devices

Ryuichi Kusama*

**Department of Pediatrics, Ashikaga-no-mori Ashikaga Hospital*

Practical Education Seminar 1

Special seminar in neuroimaging for pediatrician 2012

Chair : Jun-Ichi Takanashi (Japan)

Department of Pediatrics, Kameda Medical Center, Chiba, Japan

1) Normal development and malformations of the brain

Tetsu Niwa*

**Department of Radiology, Kanagawa Children's Medical Center, Kanagawa, Japan*

2) Imaging of normal aging brain

Harushi Mori* (Japan)

**Department of Radiology, Graduate School and Faculty of Medicine, The University of Tokyo, Tokyo, Japan*

3) Pediatric neuroimaging in infectious disorders

Jun-Ichi Takanashi* (Japan)

**Department of Pediatrics, Kameda Medical Center, Chiba, Japan*

4) Imaging diagnosis of congenital metabolic disorders

Hiroshi Oba* (Japan)

**Department of Radiology, Teikyo University, Tokyo, Japan*

5) Relationships between radiological and pathological changes in the brain

Masaharu Hayashi* (Japan)

**The Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan*

6) Interesting images 2012

Practical Education Seminar 2

Annual Seminar on interpretation of neonatal EEG

Chairs : Akihisa Okumura¹, Toru Kato² (Japan)

¹*Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan*

²*Department of Pediatrics, Okazaki City Hospital, Aichi, Japan*

1) Conventional and amplitude-integrated EEG in fullterm infants

Tetsuo Kubota* (Japan)

**Department of Pediatrics, Anjo Kosei Hospital, Aichi, Japan*

2) Conventional and amplitude-integrated EEG in preterm infants

Toru Kato* (Japan)

**Department of Pediatrics, Okazaki City Hospital, Aichi, Japan*

3) Conventional and amplitude-integrated EEG in neonatal seizures

Akihisa Okumura* (Japan)

*Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan

Public Forum : Discussion on current issues in parenting

Chairs : Tadashi Ariga¹, Shinji Saitoh² (Japan)¹The Department of Pediatrics, Hokkaido University Graduate School of Medicine, Sapporo, Japan²Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan

Keynote Lecture : Parenting in animals

Masao Kosuge* (Japan)

*Asahiyama zoological park curator yuan, Hokkaido, Japan

1) Child-rearing of a developing country

Kenjiro Narato* (Nepal)

*Family physician, Nepal

2) Child care and sleep

Jun Kohyama* (Japan)

*Tokyo Bay UrayasulIchikawa Medical Center, Chiba, Japan

3) The nutrient of bring up a child

Hikotaka Shiota* (Japan)

*NPO Organicsupport, Hokkaido, Japan

English Session A

E-001 Post-surgical outcome in patients with epileptic spasms

Yukiko Mogami*, Yukitoshi Takahashi, Rumiko Takayama, Hiroko Ikeda, Tomoyuki Akiyama, Katsumi Imai, Hideo Shigematsu, Koichi Baba, Yushi Inoue (Japan)

*National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

E-002 Diffusion tensor imaging in cryptogenic West syndrome : TBSS analysis at one and two years of age

Jun Natsume*, Tatsuya Fukasawa, Naoko Ishihara, Hiroyuki Yamamoto, Tomoya Takeuchi, Yoshiteru Azuma, Naoki Ando, Tamiko Negoro, Kazuyoshi Watanabe (Japan)

*Department of Pediatrics, Nagoya University Graduate School of Medicine, Aichi, Japan

E-003 Problems of carry over to adulthood in children with epilepsy

Yusaku Miyamoto*, Hitoshi Yamamoto, Hiroshi Murakami, Moriko Udagawa, Natsuko Arai, Miho Fukuda, Syuji Hashimoto, Hisako Yamamoto (Japan)

*Department of Pediatrics, St. Marianna University School of Medicine, Kanagawa, Japan

E-004 Prediction of efficacy for partial tonic seizure and side effects of new AEDs by mechanism of action

Kenji Sugai*, Eiji Nakagawa, Hirofumi Komaki, Yoshiaki Saito, Takashi Saito, Masayuki Sasaki (Japan)

*Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

E-005 MEG Analysis of Epileptic Spike at Focal Cortical Dysplasia with Spatial Filtering Analysis

Midori Nakajima*, Kosuke Otsuka, Yuki Ueda, Naoko Asahina, Shinobu Kohsaka, Hideaki Shiraiishi (Japan)

*Department of Pediatrics, Hokkaido University Graduate School of Medicine, Hokkaido, Japan

[JSCN Award for Asia-Oceania Young Investigator]

E-006 Comparison of intravenous midazolam drip with intermittent intravenous diazepam for treating refractory serial seizures in children

Afshin Fayyazi*, Parvaneh Karimzadeh (Iran)

*Pediatric Neurologist, Assistant Professor of Hamedan University of Medical Sciences, Hamedan, Iran

English Session B

E-007 Effect of bezafibrate treatment on late-onset mitochondrial myopathy in mice

Shuichi Yatsuga*, Anu Suomalainen (Japan)

*The Department of Pediatrics and Child Health, Kurume University School of Medicine, Fukuoka, Japan / University of Helsinki, Biomedicum Helsinki, Research Program Unit, Molecular Neurology, Helsinki, Finland

E-008 Flowcytometric diagnosis of Danon disease (LAMP2 deficiency)

Tomonari Awaya*, Takeshi Yoshida, Minoru Shibata, Takeo Kato (Japan)

*Department of Pediatrics, Kyoto University, Kyoto, Japan

E-009 Thyrotropin-releasing hormone therapy in spinal muscular atrophy - 3D motion analysis -

Zen-ichiro Kato*, Takahide Teramoto, Naomi Kondo (Japan)

*Department of Pediatrics, Graduate School of Medicine, Gifu University, Gifu, Japan

E-010 Pathogenic exon-trapping by SVA retrotransposon and rescue in Fukuyama muscular dystrophy

Mariko Taniguchi-Ikeda*, Yasuhiro Takeshima, Tatsushi Toda (Japan)

*Divisions of Neurology/Molecular Brain Science, Kobe University Graduate School of Medicine, Hyogo, Japan / Department of Pediatrics, Kobe University Graduate School of Medicine, Hyogo, Japan

E-011 The protein complex of short isoform dystrophin in mouse brain

Takenori Tozawa*, Kyoko Ito, Takeshi Yaoui, Masafumi Morimoto, Shinji Fushiki (Japan)

*Department of Pathology and Applied Neurobiology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan / Department of Pediatrics, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan

[The 2012 JSCN International Educational Fellowship]

E-012 Comparison of two medicines, Deflazacort and Prednisone in patients with Duchenne muscular dystrophy

Ahad Ghazavi*, Parvaneh Karimzadeh (Iran)

*Pediatric Neurologist, Assistant Professor of Urmia University of Medical Sciences, Urmia, West Azarbayegan, Iran

English Session C

E-013 The summary of limbic encephalitis in Tokai Pediatric Neurology Society

Tetsuo Kubota*, Tatsuya Fukasawa, Yoko Sakaguchi, Tamiko Negoro, Shunsuke Ogaya, Yutaka Negishi, Mari Sugimoto, Takeshi Tsuji, Motomasa Suzuki, Naoki Ando, Tetsuya Kibe, Akihisa Okumura, Shinji Saitoh, Jun Natsume, Masaharu Hayashi (Japan)

*Department of Pediatrics, Anjo Kosei Hospital, Aichi, Japan

E-014 Prolonged hemiparesis after a seizure with fever as an early sign of hemispheric AESD

Takeshi Tsuji*, Shunsuke Ogaya, Hiroyuki Yamamoto, Tatsuya Fukasawa, Seiko Itomi, Motomasa Suzuki, Tetsuo Kubota, Kazuya Itomi, Toru Kato, Fumio Hayakawa, Naoki Ando, Akihisa Okumura, Shinji Saitoh, Jun Natsume (Japan)

*Department of Pediatrics, Okazaki City Hospital, Aichi, Japan

E-015 Autoimmune Encephalitis Proven by Immunohistochemical Study

Akihisa Okumura*, Tetsuo Kubota, Motomasa Suzuki, Tatsuya Fukasawa, Shiinpei Abe, Mitsuru Ikeno, Mariko Hosozawa, Toshiaki Shimizu, Masaharu Hayashi (Japan)

*Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan

E-016 Two pediatric patients with anti-NMDAR encephalitis treated with and without cyclophosphamide

Taku Omata*, Jun-Ichi Takanashi, Yukitoshi Takahashi, Katsuo Sugit, Hidee Arai, Koiti Mitsui (Japan)

*Division of Child Neurology, Chiba Children's Hospital, Chiba, Japan

E-017 Broad clinical spectrum of three cases of pediatric anti-NMDAR encephalitis

Takahito Wada*, Tadahiro Mitani, Hidekazu Kato, Naoko Yoshihara, Fuyu Miyake, Mariko Akiba, Megumi Tsuji, Mitsuko Okuda, Kyoko Takano, Noriko Aida, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)

*Division of Neurology, Kanagawa Children's Medical Center, Kanagawa, Japan

E-018 Recurrent anti-N-methyl-D-aspartate receptor (NMDAR) encephalitis: A case report

Yasuo Hachiya*, Akinori Uruha, Emi Kasai, Konomi Shimoda, Ikuko Shirai, Satoko Kumada, Eiji Kurihara (Japan)

*The Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan

English Session D

E-019 Inhaled Nitric Oxide and cerebral oxygenation

Tomoki Maeda*, Naulaers Gunnar (België)

*Katholieke University Leuven, België

E-020 Vitamin E suppresses lipid peroxidation and behavioral impairment in mouse model of Down syndrome

Mototada Shichiri*, Yasukazu Yoshida, Hiroshi Tamai (Japan)

*Health Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Osaka, Japan / Department of Pediatrics, Osaka Medical College, Osaka, Japan

E-021 Proteomic approaches deciphering the convergent molecular pathways for autism spectrum disorders

Yasunari Sakai*, Shaw Chad A, Dawson Brian C, Al-Mohtaseb Zaina, Dugas Diana V, Toshiro Hara, Zoghbi Huda Y (Japan)

*Department of Pediatrics, Kyushu University, Fukuoka, Japan

E-022 The first nationwide survey of Rett syndrome in Japan

Shin Nabatame*, Yoshiko Nomura, Yushiro Yamashita, Toyojiro Matsuishi, Masaya Segawa, Hisateru Tachimori, Masayuki Itoh (Japan)

*Laboratory Medicine, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan / Department of Mental Retardation and Birth Defect Research, National Center of Neurology and Psychiatry, Tokyo, Japan

E-023 Clinically-oriented fNIRS monitoring of MPH effect in ADHD children

Yukifumi Monden*, Ippeita Dan, Masako Nagashima, Takanori Yamagata, Eiju Watanabe, Mariko Momoi (Japan)

*Department of Pediatrics, Jichi Medical University School of Medicine, Tochigi, Japan / Department of Pediatrics, International University of Health and Welfare Hospital, Tochigi, Japan

E-024 MR image and outcome of hemiplegic cerebral palsy born at term

Yukihiro Kitai*, Hiroshi Arai, Satori Hirai (Japan)

*Department of Pediatric Neurology, Morinomiya Hospital, Osaka, Japan

English Session E

E-025 Variability in the level of erythrocyte glucose uptake in two patients with the same SLC2A1 mutation

Naoko Ishihara*, Jun Natsume, Keiko Yanagihara, Yoshiteru Azuma, Tomohiko Nakata, Tamiko Negoro, Kazuyoshi Watanabe (Japan)

*Department of Pediatrics, Nagoya University Graduate School of Medicine, Aichi, Japan

- E-026 Three siblings of Leigh syndrome associated with a mitochondrial G3697A mutation
Yutaka Negishi*, Ayako Hattori, Naoki Ando, Tetsuya Ito, Shinji Saitoh, Yuichi Goto
*Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Aichi, Japan
- E-027 EEG findings in a patient with propionic acidemia received living donor liver transplantation
Masayoshi Nagao*, Toju Tanaka, Shuji Wakai
*Department of Pediatrics and Clinical Research, NHO Hokkaido Medical Center, Hokkaido, Japan
- E-028 Peroxisomal enzyme RNAi and lipid compositions in Zellweger Syndrome and D-BP deficiency
Celine Miyazaki*, Makiko Saitoh, Masashi Mizuguchi (Japan)
*Department of Developmental Medical Sciences, University of Tokyo, Tokyo, Japan
- E-029 BTBD9, genetic association with Restless Legs Syndrome, deficient mice show dopaminergic abnormality
Kazuhiro Muramatsu*, Noriko Sawaura, Keiko Kamayachi, Tomomi Ogata, Hirokazu Arakawa (Japan, Germany)
*Department of Pediatrics, Gunma University Graduate School of Medicine, Gunma, Japan / Philipps-University Marburg, University Neurology Hospital, Marburg, Germany
- E-030 Genetic background of Moyamoya disease: A founder mutation in RNF213 gene and its gene-dose effect
Shigeo Kure*, Fumiaki Kamada, Yoko Aoki, Yu Abe, Atsuo Kikuchi, Shoko Komatsuzaki, Junko Kanno, Yoichi Matsubara, Hajime Touho, Satoko Miyatake, Naomichi Matsumoto (Japan)
*Department of Pediatrics, Tohoku University School of Medicine, Miyagi, Japan
- English Session F*
- E-031 Diffusion-weighted MR Imaging for the Early Diagnosis of Neonatal Herpes Simplex Encephalitis
Tohru Okanishi*, Hiroyuki Yamamoto, Jun-Ichi Takanashi, Masahiro Hayakawa, Akihisa Okumura (Japan)
*Department of Pediatrics, Seirei-Hamamatsu General Hospital, Shizuoka, Japan / Department of Neonatology and Pediatrics, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan / Division of Neurology, The Hospital for Sick Children, Toronto, Japan
- E-032 Successful radiotherapy for cavernous sinus capillary hemangioma with three cranial nerves affection
Gonchar Ivan*, Midori Nakajima, Kosuke Otsuka, Yuki Ueda, Naoko Asahina, Shinobu Kohsaka, Hideaki Shiraishi, Shinji Saitoh (Japan)
*Department of Postgraduate Clinical Education, Hokkaido University Hospital, Hokkaido, Japan
- E-033 Predictive value of early radiological findings in inflicted traumatic brain injury
Koji Tanoue*, Kiyoshi Matsui, Ai Kataoka (Japan)
*Department of general medicine, Kanagawa Children's Medical Center, Kanagawa, Japan
- E-034 White-matter involvement in individuals with PWS
Kaeko Ogura*, Toshikatsu Fujii, Nobuhito Abe, Yoshiyuki Hosokai, Mayumi Shinohara, Etsuro Mori (Japan)
*Developmental Disability Section, Department of Rehabilitation for Brain Functions, Research Institute of National Rehabilitation Center for Persons with Disabilities, Tokorozawa, Japan / Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University Graduate School of Medicine, Miyagi, Japan
- E-035 The role of an occupational therapist at an awake surgery of AVM at the right parietal lobe
Sayoko Kawabata*, Ayataka Fujimoto, Takuya Yokota, Hideo Enoki, Takamichi Yamamoto, Shigenori Ishihara (Japan)
*Occupational Therapy Division, Department of Rehabilitation, Seirei Hamamatsu General Hospital, Shizuoka, Japan
- E-036 Pediatric hydrocephalus and epilepsy. Frequency and associations
Satoko Ochi*, Toshihide Watanabe, Reiki Ohyanagi, Kimio Minagawa, Nobuhiro Mikuni, Hideaki Shiraishi (Japan)
*Department of Neurosurgery, Hokkaido Medical Center for Child Health and Rehabilitation, Hokkaido, Japan
- English Session G*
- E-037 Hypothermia attenuates TNF-alpha-induced MMP-9 expression in brain microvascular endothelial cells
Satoru Takahashi*, Naoya Matsumoto, Akie Okayama, Nao Suzuki, Akiko Araki (Japan)
*Department of Pediatrics, Asahikawa Medical University, Hokkaido, Japan
- E-038 Comparative analyses between deletion and mutation of NSD1 in Japanese patients with Sotos syndrome
Naomi Hino-Fukuyo*, Hiroaki Tomita, Kenji Kurosawa, Nobuhiko Okamoto, Naomichi Matsumoto, Naohiro Kurotaki, Aki Ishikawa, Kazuhiro Haginoya, Rie Suzuki, Natsuko Ichinoi, Masako Yaoita, Mitsugu Uematsu, Yuko Satou, Wakaba Endou, Shigeo Kure (Japan)
*The Department of Pediatrics, University of Tohoku, Miyagi, Japan
- E-039 A Clinical feature with trisomy 13 providing under intensive treatment
George Imataka*, Keiko Tsukada, Hiroshi Suzumura, Osamu Arisaka (Japan)
*Department of Pediatrics, Dokkyo Medical University School of Medicine, Tochigi, Japan
- E-040 Topography of Thalamic Lesions in AESD
Naoko Hayashi*, Takeshi Tsuji, Toru Kato, Ayako Umemura, Keitaro Yamada, Hirokazu Kurahashi, Koichi Maruyama, Toshiyuki Kumagai, Shunsuke Ogaya, Mari Sugimoto, Motomasa Suzuki, Kenji Yokochi, Akihisa Okumura, Shinji Saitoh, Jun Natsume (Japan)
*Department of Pediatric Neurology, Central Hospital of Aichi Welfare Center, Aichi, Japan
- E-041 The analysis of anti-phospholipid antibodies in CNS demyelinating diseases related optic neuritis
Seigo Korematsu*, Naho Okazaki, Chika Goto, Kazuo Okanari, Tatsuro Izumi (Japan)
*Department of Pediatrics and Child Neurology, Oita University, Faculty of Medicine, Oita, Japan
- E-042 Neuropathology of LBSL caused by a novel homozygous mutation of DARS2
Sumimasa Yamashita*, Mizue Iai, Hitoshi Osaka (Japan)
*Division of Child Neurology, Kanagawa Children's Medical Center, Kanagawa, Japan

Oral Presentation: East Japan Earthquake related session

O-001 The Japan Earthquake and developmental disabilities: pediatric outpatients of Osaki Citizen Hospital

Hiroyuki Yokoyama*, Toshimitsu Iwaki

*School of Nursing, Yamagata University Faculty of Medicine, Yamagata, Japan / Department of Pediatrics, Osaki Citizen Hospital, Miyagi, Japan

O-002 Admission of patients for home medical device power failure: A lesson for the 2011 Japan disaster

Tojo Nakayama*, Mitsugu Uematsu, Masako Yaoita, Atsuo Kikuchi, Yu Abe, Naomi Fukuyo, Shigeru Tsuchiya, Shigeo Kure (Japan)

*Department of Pediatrics Tohoku University School of Medicine, Miyagi, Japan

O-003 "Rescue 311", E-mail based medical-related consultation system for the earthquake victims

Takashi Shihara*, Mio Watanabe, Satoko Kumada, Kouji Morita, Shiro Ozasa, Kaeko Ogura, Mami Goto, Kazuhiro Muramatsu, Aiko Ito (Japan)

*Department of Neurology, Gunma Children's Medical Center, Shibukawa, Gunma, Japan

O-004 The experience of the Great East Japan Earthquake in our hospital

Satoru Kobayashi*, Keisuke Wakusawa, Souichirou Tanaka, Kazuhiro Haginoya (Japan)

*Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Miyagi, Japan

Oral Presentation: Epilepsy 1

O-005 Effect and safety of levetiracetam for an intractable epilepsy of children

Koji Tominaga*, Michiko Shinpou, Sayaka Nakano, Junji Azuma, Yoshiko Iwatani, Shihoko Kimura, Kuriko Shimono, Takeshi Okinaga, Toshisaburo Nagai, Keiichi Ozono (Japan)

*Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan

O-006 Effect of levetiracetam for Patients with Intractable Epilepsy

Mitsuhiro Matsuo*, Tetsuo Matsuzaka, Tatsuharu Sato, Akiko Fujii, Hiroyuki Moriuchi (Japan)

*Nagasaki Prefectural Center of handicapped children, Nagasaki, Japan

O-007 High dose Lamotrigine therapy for intractable epilepsy VPA+LTG above 200mg/day

Masaki Tanaka* (Japan)

*Tanaka Epilepsy Clinic, Kanagawa, Japan

O-008 Short term effects and psychic adverse events of Levetiracetam for refractory childhood epilepsy

Kuniaki Iyoda*, Kazunori Ogawa, Tomio Okazaki (Japan)

*The Department of Pediatrics, Hiroshima City Hospital, Hiroshima, Japan

O-009 Effectiveness of levetiracetam in case of X-linked lissencephaly with ambiguous genitalia

Maki Saito*, Kenjiro Kikuchi, Shinichiro Hamano, Mituhiro Kato, Hiroyuki Ida (Japan)

*Atsugi City Hospital, Kanagawa, Japan / Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan

O-010 A prospective study on Levetiracetam in an institute for the severely disabled

Tetsuro Nagasawa*, Naoko Kimura, Naho Saito, Wakana Furushima, So Atsumi, Naoyuki Tanuma, Keiko Tominaga, Michio Fukumizu (Japan)

*Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled, Tokyo, Japan

O-011 Frequent partial seizures induced by ACTH therapy

Aya Iwata*, Hiroyuki Nigami (Japan)

*Department of Pediatrics, Nishi-Kobe Medical Center, Hyogo, Japan

O-012 The fluctuation of cytokine levels by ACTH therapy in patients with West syndrome

Yamanaka Gaku*, Hisashi Kawashima, Yu Ishida, Shingo Oana, Shinichiro Morichi, Yasuyuki Morishima, Suzuki Kazunori, Miyajima Tasuku, Akinori Hoshika (Japan)

*Department of Pediatrics, Tokyo Medical University, Tokyo, Japan

Oral Presentation: Development

O-013 Prognosis of bottom shuffler

Kiyokuni Miura*, Osamu Takahasi (Japan)

*Developmental Disability Medicine, Nagoya University Graduate School of Medicine, Aichi, Japan

O-014 A developmental change of the face recognition in the infancy of the preterm infant

Yukihiko Konishi*, Tomoko Nishida, Kenichi Isobe, Susumu Itoh (Japan)

*Department of Pediatrics, Faculty of Medicine, Kagawa University, Kagawa, Japan

O-015 The Effect of Sharing Books on the Development of Interest to the Characters – An Eye Tracking Study

Akio Nakai*, Takayuki Otobe, Keiko Takeuchi, Rieko Takaya, Toshiyuki Mori, Chiyoko Tanide (Japan)

*Research Center for Child Mental Development, Fukui, Japan

O-016 The effects of story-telling through a picture book on the frontal lobe activity in children

Kenji Mori*, Hiromichi Ito, Tatsuo Mori, Aya Goji, Masahito Miyazaki, Masafumi Harada, Shoji Kagami

*Department of Pediatrics, University of Tokushima Graduate School, Tokushima, Japan

O-017 Quantitative assessment of balance functions by tri-axial accelerometers

Ryota Eguchi*, Atuko Sanmi, Satoshi Takada (Japan)

*Health Sciences, Kobe University Graduate School, Hyogo, Japan

O-018 Development of achievement test of arithmetic

Hideo Nagao* (Japan)

*Department of Special Support Medicine, Faculty of Education, Ehime University, Ehime, Japan

Oral Presentation: Acute Encephalopathy 1

O-019 Can we distinguish AESD from prolonged febrile seizures by early EEG findings?

Tatsuya Fukasawa*, Tetsuo Kubota, Tomohiko Nakata, Takeshi Tsuji, Motomasa Suzuki, Naoki Ando, Toru Kato, Akihisa Okumura, Shinji Saitoh, Jun Natsume (Japan)

*Department of Pediatrics, Anjo-kosei Hospital, Aichi, Japan

O-020 Retrospective study of Acute Encephalopathy with AESD concerning early diagnosis

Hiroko Tada*, Jun-Ichi Takanashi, Takanori Yamagata, Hideo Okuno, Masaya Kubota, Tsuyoshi Kawano, Takashi Shiihara, Shin-Ichirou Hamano, Shin-Ichi Hirose, Masashi Mizuguchi (Japan)

*Department of Pediatrics, Chiba Saiseikai Narashino Hospital, Chiba, Japan

O-021 Biphasic seizures and late reduced diffusion following acute lidocaine toxicity

Hitomi Sano*, Hisako Sageshima, Akira Sudo, Nobuaki Kawamura (Japan)

*Department of Pediatrics, Sapporo City General Hospital, Hokkaido, Japan

O-022 Serial change of brain atrophy in AESD-type acute encephalopathy

Tomoya Takeuchi*, Takeshi Tsuji, Tetsuo Kubota, Hiroyuki Yamamoto, Tomohiko Nakata, Naoko Ishihara, Tatsuya Fukasawa, Mari Sugimoto, Motomasa Suzuki, Kazuya Itomi, Naoki Ando, Kazuyoshi Watanabe, Akihisa Okumura, Shinji Saitoh, Jun Natsume (Japan)

*Department of Pediatrics, Nagoya University Graduate School of Medicine, Aichi, Japan

O-023 Clinical study of anticonvulsant for the patients with AESD

Yutaka Negishi*, Naoki Ando, Kiyo Hamaguchi, Mari Sugimoto, Naoko Hayashi, Tomohiko Nakata, Takeshi Tsuji, Tetsuo Kubota, Akihisa Okumura, Jun Natsume, Shinji Saitoh (Japan)

*Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Aichi, Japan

O-024 Clinical consideration of acute encephalopathy with biphasic seizures and late reduced diffusion

Takahiro Ikeda*, Masato Mori, Takanori Yamagata, Akihiko Miyauchi, Masako Nagahima, Tokiko Fukuda, Yasuyuki Nozaki, Hideo Sugie, Mariko Momoi (Japan)

*Department of Pediatrics, Jichi Medical University, Tochigi, Japan

O-025 Induced Hypothermia/Normothermia Prevents Excitotoxic Neurological Damage in Acute Encephalopathy

Masahiro Nishiyama*, Kyoko Fujita, Azusa Maruyama, Hiroaki Nagase (Japan)

*Department of Neurology, Hyogo Prefectural Kobe Children's Hospital, Kobe, Hyogo, Japan

Oral Presentation: Developmental Disorder 1

O-026 Outcome of extremely low birthweight infants

Keiko Koterazawa*, Kanae Takenaka, Yuka Okada, Hiroyoshi Miyata (Japan)

*Himeji City Center for the Handicapped, Himeji, Hyogo, Japan

O-027 Pervasive developmental disorders in the children with periventricular leucomalasia.

Kuniaki Fukuda*, Toshiaki Hashimoto (Japan)

*The Department of Neuropediatrics, Asada General Hospital, Kagawa, Japan

O-028 Early language development and social cognition in children with Williams syndrome (part one)

Miho Nakamura*, Sayuri Douyuu, Yukako Muramatsu, Masahiro Hirai, Hirokazu Kurahashi, Seiji Mizuno (Japan)

*Department of functioning science, Institute for Developmental Research, Aichi Human Service Center, Aichi, Japan

O-029 Early language development and social cognition in children with Williams syndrome (part two)

Yukako Muramatsu*, Sayuri Douyuu, Masahiro Hirai, Hirokazu Kurahashi, Seiji Mizuno, Miho Nakamura (Japan)

*Institute for Developmental Research Aichi Human Service Center, Kasugai, Japan / Department of Pediatrics, Central Hospital, Aichi Human Service Center, Aichi, Japan

O-030 Developmental outcome of maternal uniparental disomy of chromosome 14

Yumi Takahashi*, Hiroshi Ozawa, Naoko Asahina, Jun Tohyama, Mitsuhiro Kato, Masaya Kubota, Ushio Ohtaki, Takehiro Ishizuka, Kiyoshi Arimoto, Satoshi Kimiya, Shinji Saitoh (Japan)

*Department of Pediatrics, Shimada Ryoiku Center, Tokyo, Japan

O-031 Developmental disorders in a rat with Scn1a missense mutation

Iori Ohmori*, Mamoru Ouchida (Japan)

*Department of Physiology, Graduate School of Medicine, Dentistry and Pharmaceutical Science, Okayama University, Okayama, Japan

Oral Presentation: Developmental Disorder 2

O-032 Evaluation of ADHD in children's home

Naomitsu Suzuki* (Japan)

*Tsukuba Clinic for Mental Sick Children & Adolescents, Ibaraki, Japan

O-033 An investigation of the quality of life in children with Attention-Deficit/Hyperactivity Disorder

Fumikazu Sano*, Tomoko Tando, Hideaki Kanemura, Kanzi Sugita, Masao Aihara (Japan)

*Department of Pediatrics, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan

O-034 NIRS response to visual stimulation by facial images to assess autistic aspects in AD/HD

Keiichi Shimamura*, Hiroko Ichikawa, Emi Nakato, Masami K. Yamaguchi, So Kanazawa, Ryoichi Sakuta (Japan)

*Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University Koshigaya Hospital, Saitama, Japan

O-035 Risk factors of autism spectrum disorder

Toru Kurokawa*, Yuko Yokomizo, Sooyoung Lee (Japan)

*Department of Neurology (Division of Pediatrics), Seiai Rehabilitation Hospital, Fukuoka, Japan

O-036 Studies of parental age and neonatal abnormalities in Autism Spectrum Disorders

Yoko Sugie*, Tokiko Fukuda, Yuusaku Endo, Yumi Kono, Noriko Oguro, Jun Shimizu, Hideo Sugie (Japan)

*Department of Pediatrics, Hamamatsu University School of Medicine, Shizuoka, Japan / Aoi-cho Children's Clinic, Shizuoka, Japan

O-037 Utility of the Japanese version of the DN-CAS for the assessment of children with ASD

Kitami Hayashi*, Ayako Muto, Yuri Shirato, Yoko Moriyama, Keiko Watanabe, Misako Akiyama (Japan)

*Division of Neurology and Developmental Pediatrics, Tokyo Women's Medical University Yachiyo Medical Center, Chiba, Japan

Oral Presentation: Imaging

O-038 Clinical and MR features of periventricular venous infarction

Katsumi Hayakawa*, Shoko Yoshida, Yuriko Yamori, Toyoko Kanda, Naoko Yoshida, Haruyo Hirota, Mika Iwami (Japan)

*The Department of Radiology, Kyoto City Hospital, Kyoto, Japan

O-039 A case of nonaccidental infant head injury with bright tree appearance findings in DWI

Yo Okizuka*, Nozomi Tuchiya, Yoshinori Okumura, Hideo Aiba (Japan)

*PICU, Shizuoka Children Hospital, Shizuoka, Japan

O-040 A case of Pelizaeus-Merzbacher disease received repeated 1H-MRS to evaluate evolutionary changes

Mori Tatsuo*, Kenji Mori, Hiromichi Ito, Aya Goji, Masahito Miyazaki, Masafumi Harada, Kenji Kurosawa, Shoji Kagami (Japan)

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O-041 1H-MRS analysis in AD/HD brain

Hiromichi Ito*, Kenji Mori, Masafumi Harada, Tatsuo Mori, Aya Goji, Masahito Miyazaki, Shoji Kagami (Japan)

*Department of Pediatrics, University of Tokushima, Tokushima, Japan

O-042 Evaluation of hippocampal development and infolding retardation from children to adults using MRI

Toshinori Kato*, Kayoko Yoshino, Noriyuki Oka (Japan)

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Oral Presentation: Muscular Disorder 1

O-043 National survey on Ullrich type congenital muscular dystrophy

Takahiro Yonekawa*, Hirofumi Komaki, Takashi Saito, Yoshiaki Saito, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Mari Okada, Yukiko Hayashi, Ikuya Nonaka, Ichizo Nishino (Japan)

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O-044 Evaluate the clinical feature of scoliosis in patients with Fukuyama congenital muscular dystrophy

Terumi Murakami*, Keiko Ishigaki, Takatoshi Sato, Makiko Osawa (Japan)

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O-045 RYR1 mutation cause a novel congenital myopathy with bimodal fiber type disproportion

Akihiko Ishiyama*, Yukiko Hayashi, Hirofumi Komaki, Takashi Saito, Yoshiaki Saito, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Ichizo Nishino (Japan)

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O-046 A case of congenital myotonia with mutations in chloride channel gene

Koji Orii*, Eiji Matsukuma, Satoko Nishimura, Naoki Matsuo, Emiko Kojima, Kanako Maruta, Atsushi Imamura (Japan)

*Department of Pediatrics, Gifu Prefectural General Medical Center, Gifu, Japan / Orii Clinic, Gifu, Japan

O-047 Paramyotonia congenita in a 5-year-old boy with muscle hypertrophy

Ryota Kawakami*, Teruhiko Suzuki, Yuusaku Endo, Tomoko Matsubayashi, Tsutomu Ogata, Kouichi Hirano, Shunichi Sakoda (Japan)

*Department of Pediatrics, Hamamatsu University school of Medicine, Shizuoka, Japan

O-048 A case of juvenile steroid dependent dermatomyositis successfully treated with cyclosporine-A

Shizuka Matsuoka*, Yumi Fujihara, Shigehiro Nagai, Tomoko Kirino, Shoichi Endo (Japan)

*The Department of Neurology, Kagawa National Children Hospital, Kagawa, Japan

Oral Presentation: Muscular Disorder 2

O-049 Pervasive developmental disorder in patients with Duchenne muscular dystrophy (1): Assessed by PARS

Yuko Iwata*, Saki Shibata, Haruo Fujino, Toshio Saito, Tsuyoshi Matsumura, Osamu Imura (Japan)

*The Graduate School of Human Sciences, Osaka University, Osaka, Japan

O-050 Pervasive developmental disorder in patients with Duchenne muscular dystrophy (2): Assessed by SRS

Saki Shibata*, Yuko Iwata, Haruo Fujino, Toshio Saito, Tsuyoshi Matsumura, Osamu Imura (Japan)

*Graduate School of Human Sciences, Osaka University, Osaka, Japan

O-051 Increased excretion of urinary metabolites of prostaglandin D2 in Duchenne muscular dystrophy cases

Taku Nakagawa*, Tomoko Lee, Hiroyuki Awano, Mariko Yagi, Masafumi Matsuo, Yasuhiro Takeshima (Japan)

*Department of pediatrics, Kobe University Graduate School of Medicine, Hyogo, Japan

O-052 The effect of low-dose steroid therapy for cardiomyopathy in Duchenne muscular dystrophy

Keiko Ishigaki*, Ikuko Kato, Terumi Murakami, Takatoshi Sato, Sachiko Kajino, Takashi Saito, Makiko Osawa (Japan)

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O-053 Molecular diagnosis of three patients with autosomal dominant Emery-Dreifuss muscular dystrophy

Yukitoshi Ishikawa*, Yuka Ishikawa (Japan)

*Department of Pediatrics, Pediatric Neurology, National Hospital Organization Yakumo Hospital, Hokkaido, Japan

Oral Presentation: Neonatology

O-054 Quantitative analysis of aEEG in preterm infants within 6 hours after birth: Prediction of PVL

Toru Kato*, Fumio Hayakawa, Takeshi Tsuji, Akinobu Taniguchi, Jun Natsume, Akihisa Okumura (Japan)

*Department of Pediatrics, Okazaki City Hospital, Aichi, Japan

O-055 Cerebral blood flow in neonatal mice and rats with hypoxic-ischemic brain injury

Masahiro Tsuji*, Tomoaki Ikeda (Japan)

*Department of Regenerative Medicine & Tissue Engineering, National Cerebral and Cardiovascular Center, Osaka, Japan

O-056 Cerebellar atrophy in patients of cerebral palsy - premature infants

Satoru Kobayashi*, Yuu Abe, Keisuke Wakusawa, Souichirou Tanaka, Kazuhiro Haginoya (Japan)

*Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Miyagi, Japan

O-057 Cerebellar atrophy in patients of cerebral palsy - hypoxic-ischemic encephalopathy in term infants

Satoru Kobayashi*, Yuu Abe, Keisuke Wakusawa, Souichirou Tanaka, Kazuhiro Haginoya (Japan)

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O-058 Child Abuse in the Community-Its Reality, Back Ground and Treatment-

Yoshio Takahashi*, Hideaki Shiraishi (Japan)

* Department of Pediatric Neurosurgery, Okawara and Tomakomai Neurosurgical Hospital, Hokkaido, Japan

O-059 13 cases of Shaken baby syndrome in infant home

Yu Tsuyusaki*, Yoshihisa Oishi, Seijirou Aso (Japan)

*The Department of Pediatrics, Japanese Red Cross Medical Center, Tokyo, Japan

Oral Presentation: Autonomic Nerve, Peripheral Nerve, Headache

O-060 Autonomic dysfunction detected by heart rate variability analysis in patients with cyclic vomiting

Ayako Hattori*, Naoki Ando, Yutaka Negishi, Tetsuya Ito, Shinji Saitoh (Japan)

*The Department of Pediatrics and Neonatology, Nagoya City University, Graduate School of Medical Sciences, Aichi, Japan

O-061 Efficacy of ramelteon on sleep disorders in child neuropsychiatric diseases

Sayaka Ohta*, Aki Ando, Hiroshi Terashima, Hirofumi Kashii, Masaya Kubota (Japan)

*Division of Neurology, National Center for Child health and Development, Tokyo, Japan

O-062 Guillain Barre syndrome in three children

Junichi Yokoyama*, Nobuyoshi Sugiyama, Mariko Ikegami, Yoshihiro Miyashita, Shinichi Matsuda (Japan)

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O-063 Clinical Evaluation of Chronic Inflammatory Demyelinating Polyneuropathy

Hitomi Tsuji*, Hisashi Kawawaki, Asako Horino, Takeshi Inoue, Megumi Nukui, Shin Okazaki, Kiyotaka Tomiwa (Japan)

*Osaka City General Hospital, Osaka, Japan

O-064 Promoter assay for SMA patient who have milder symptoms than expected by SMN2 gene dosage analysis

Satoru Morikawa*, Taku Nakagawa, Koji Tominaga, Takeshi Okinaga, Noriyuki Nishimura, Yasuhiro Takeshima, Masafumi Matsuo, Hisahide Nishio (Japan)

*Division of Epidemiology, Kobe University Graduate School of Medicine, Hyogo, Japan / Department of Pediatrics, Kobe University Graduate School of Medicine, Hyogo, Japan

O-065 A case of the boy who experienced the neuromyotonia in his bilateral lower legs
Nobuyasu Ono*, Muneaki Matsuo (Japan)

*The Department of Pediatrics, University of Saga, Saga, Japan / The Department of Pediatrics, Ureshino Medical Center, Saga, Japan

Oral Presentation: Metabolic, Degenerative Disorder 1

O-066 A case of molybdenum cofactor deficiency with a diagnosis of cerebral palsy

Kenjiro Kikuchi*, Shin-Ichiro Hamano, Erika Nakashima, Kotoko Sugaya, Ryuki Matsuura, Manabu Tanaka, Motoyuki Minamitani, Kimiyoshi Ichida, Hiroyuki Ida (Japan)

*Division of Neurology, Saitama Children's Medical Center, Saitama, Japan / Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan

O-067 Nation wide survey of treatment for Wilson disease patients with neurologic disturbances in Japan
Norikazu Shimizu*, Misako Inoue, Ayako Ogawa, Tsugutoshi Aoki (Japan)

*Department of Pediatrics, Toho University School of Medicine, Ohashi Medical Center, Tokyo, Japan

O-068 Pitfall in diagnosis of Pelizaeus-Merzbacher disease

Tsuyoshi Matsuoka*, Toshifumi Yodoshi, Misaki Sugai, Masaharu Ohfu (Japan)

*Division of Child Neurology, Okinawa Prefectural Nanbu Medical Center & Children's Medical Center, Okinawa, Japan

O-069 Exome sequence for Pelizaeus-Merzbacher disease by use of trio samples

Toshiyuki Yamamoto*, Keiko Shimojima, Shino Shimada, Akiko Kondo, Shinjiro Akaboshi (Japan)

*Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

O-070 Clinical Manifestations of neonates with/without Classical Menkes Disease

Mariko Yagi*, Tomoko Lee, Hiroyuki Awano, Ichiro Morioka, Hiroko Kodama, Yasuhiro Takeshima (Japan)

*Department of Pediatrics, Kobe University Graduate School of Medicine, Hyogo, Japan

O-071 Mechanism of reduced UV hypersensitivity by annexin II in Cockayne syndrome

Katsuo Sugita*, Kazuko Kita, Kiyoko Sugita, Taku Omata, Masaya Kubota (Japan)

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Oral Presentation: Epilepsy 3

O-072 Perioral myoclonia with absences? A first report in Japan

Shinobu Fukumura*, Takashi Saito, Yoshiaki Saito, Hirofumi Komaki, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Ken Sato (Japan)

*Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan

O-073 Clinical analysis of startle epilepsy: 7 pediatric cases

Shinichi Magara*, Kenji Sugai, Takashi Saitou, Yoshiaki Saitou, Hirohumi Komaki, Eiji Nakagawa, Masayuki Sasaki (Japan)

*Departments of pediatric neurology, National center hospital, National center of Neurology and Psychiatry, Tokyo, Japan

O-074 A case of eating-induced epileptic seizures with periodic spasms

Yasuko Sawai*, Tohru Hoshida, Yukihiko Takahashi (Japan)

*Epilepsy Center, National Hospital Organization, Nara Medical Center, Nara, Japan

O-075 A 3-year-old boy with focal epileptic myoclonus localized to the left or right neck independently

Takeshi Yoshida*, Takeo Kato, Minoru Shibata, Tomonari Awaya (Japan)

*Department of Pediatrics, Kyoto University Hospital, Kyoto, Japan

O-076 A case of Lennox-Gastaut syndrome accompanied by reflex seizures with Down syndrome

Kazuyuki Nakamura*, Masami Togawa, Akiko Kondou, Yoshihiro Maegaki, Kousaku Ohno (Japan)

*Division of Child Neurology, Institute of Neurological Sciences, Faculty of Medicine, Tottori University, Tottori, Japan

O-077 Video-EEG in the diagnosis of paroxysmal events in children of post-encephalitic epilepsy

Yuri Kitamura*, Akihisa Okumura, Mitsuru Ikeno, Shinpei Abe, Masako Saito, Toshiaki Shimizu (Japan)

*Department of Pediatrics, Juntendo University, Tokyo, Japan

Oral Presentation: Epilepsy 2

O-078 Lamotrigine induced drug-induced hypersensitivity syndrome

Ikuko Hirata*, Humihiro Mtsmoto, Tae Ikeda, Yasuhisa Toribe, Keiko Yanagihara, Toshiyuki Mano, Yasuhiro Suzuki (Japan)

*The Department of Pediatric Neurology, Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan

O-079 The experience of clinical trial with Levetiracetam in our hospital

Atsushi Imamura*, Naoki Matsuo, Eiji Matsukuma, Kunihiro Matsunami, Nobuyuki Tetsuka, Miyako Kyougoku, Emiko Kojima, Kanako Maruta, Atsushi Wakahara, Manabu Ono, Hideki Matsumoto (Japan)

*The Department of Pediatrics, Gifu Prefectural General Medical Center, Gifu, Japan

O-080 An evaluation of a blood level and the efficacy of levetiracetam in childhood onset epilepsy

Tomotaka Oritsu*, Shinichiro Hamano, Hiroyuki Ida (Japan)

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O-081 Two patients added small dose of VPA to LTG in order to increase the LTG blood concentration

Toshihide Watanabe*, Reiki Oyanagi, Kimio Minagawa (Japan)

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O-082 Levetiracetam treatment for refractory epilepsy

Hitomi Matsumoto*, Takanori Yamagata, Masako Nagashima, Yukihumi Monden, Yasuyuki Nozaki, Tokiko Fukuda, Masato Mori, Hideo Sugie, Mariko Momoi (Japan)

*Jichi Medical University Department of Pediatrics, Tochigi, Japan

O-083 Levetiracetam and serum carnitine levels

Naoki Ando*, Yutaka Negishi, Ayako Hattori, Sayaka Kato, Yoko Nakajima, Tetsuya Ito, Shinji Saitoh (Japan)

*Department of Pediatrics and Neonatology, Nagoya City University, Graduate School of Medical Sciences, Aichi, Japan

Oral Presentation: Cerebral Palsy / Conductive Education 1

O-084 A change of bronchoscopy imaging : A case with apprehension of tracheo-innominate artery fistula

Tomoko Uchida*, Hisaya Hasegawa, Kasumi Nagasawa, Mitsuko Ishii (Japan)

*Department of Child Neurology, Chiba Rehabilitation Center, Chiba, Japan

O-085 Protection of aspiration with tracheotomy by a speech valve

Soichiro Tanaka*, Satoru Kobayashi, Keisuke Wakusawa, Kazuhiro Haginoya (Japan)

*Department of Pediatrics, Takuto rehabilitation Center, Miyagi, Japan

O-086 Children's Home Mechanical Ventilation: An efficacy of Home Medicine by a specialized team

Tomoyuki Dobata* (Japan)

*Center for Pediatric Noninvasive Ventilation, Teine Keijinkai Hospital, Sapporo, Hokkaido, Japan

O-087 Noninvasive positive pressure ventilation in patients with central nervous system disorders

Shigetoshi Ogiwara*, Tomoyuki Dobata (Japan)

*Teine Keijinkai Hospital, Hokkaido, Japan

O-088 Ramelteon for the sleep disturbance in the severe disabled children

Akie Miyamoto*, Ikue Fukuda, Hajime Tanaka, Ryuuji Oka, Kazuhiko Cho, Akiko Araki (Japan)

*The Department of Pediatrics, Asahikawa Habilitation Center for disabled Children, Hokkaido, Japan

O-089 The sleep quality and autonomic nerve activity during sleep in severely handicapped children

Gakuyou Matsui*, Kenji Kihara, Satoshi Takada (Japan)

*Kobe University Graduate School of Health Sciences, Hyogo, Japan / College of Nursing Art and Science, University of Hyogo, Hyogo, Japan

Oral Presentation: Cerebral Palsy / Conductive Education 2

O-090 Mutation of gene encoding type IV collagen alpha2 chain (COL4A2) causes porencephaly

Kazuhiro Haginoya*, Hiroshi Arai, Hitoshi Osaka, Mitsuhiro Kato, Kenji Yokochi, Hirotomo Saito (Japan)

*Department of Pediatric Neurology Takuto Rehabilitation Center for Children, Miyagi, Japan

O-091 Cerebral blood flow change by the sensory input by the children with extremely SMID

Yuya Takahashi*, Ryuji Kageyama, Miwa Yamatani, Hideto Yoshikawa, Tohru Konishi (Japan)

*Nagaokaryoikuen, Niigata, Japan

O-092 The Long Term Efficacy of Compulsive Grasping Posture of Intact Hand for Spastic Hemiplegia

Shigeru Hanaoka*, Fumie Kimura (Japan)

*Tokyo Metropolitan Medical Rehabilitation Center for the Disabled, Tokyo, Japan

O-093 Clinical profile of persistent contracted state following the insult of developing brain

Koichi Maruyama*, Mizue Iai, Hiroshi Arai, Kenji Yokochi (Japan)

*Department of Pediatric Neurology, Central Hospital, Aichi Welfare Center for Persons with Developmental Disabilities, Aichi, Japan

O-094 The postural alteration of children with severe spasticity by intrathecal baclofen bolus therapy

Akiko Kondo*, Aya Narita, Yoshihiro Maegaki, Kousaku Ohno, Chisako Fukuda, Yosyiko Tubouchi, Chitose Sugiura (Japan)

*The Division of Child Neurology, Department of Brain and Neurosciences, Faculty of Medicine, University of Tottori, Tottori, Japan

O-095 Evaluation of surgeries for improving functions of severe retarded children

Masahiro Ishii*, Masayuki Shimono, Tomohumi Fukuda, Ayako Senjyu, Naoki Shiota, Koichi Kusuhara (Japan)

*The Department of Pediatrics, University of Occupational and Environmental Health, Fukuoka, Japan

Oral Presentation: Acute Encephalopathy 4

O-096 A case of kawasaki disease with acute encephalopathy

Hirotaka Motoi*, Souko Takashita (Japan)

*Yokohama medical center, Kanagawa, Japan

O-097 MRI findings on acute phase in national survey of pdm flu A (H1N1) 2009-associated encephalopathy

Yu Ishida*, Hisashi Kawashima, Gaku Yamanaka, Tasuku Miyajima, Akinori Hoshika, Akihisa Okuyama, Satoshi Nakagawa, Tsuneo Morishima (Japan)

*Department of Pediatrics, Tokyo Medical University, Tokyo, Japan

O-098 Clinical Research of Acute Encephalopathy Associated with Congenital Adrenal Hyperplasia

Yuichi Abe*, Tetsuro Sakai, Masashi Mizuguchi, Hideo Yamanouchi (Japan)

*Department of Pediatrics, Saitama Medical University, Saitama, Japan

O-099 A 2-year girl case of overlapping Bickerstaff's brainstem encephalitis and Guillain-Barre syndrome

Yoji Uejima*, Toru Okanishi, Takuya Yokota, Hideo Enoki (Japan)

*Seirei Hamamatsu Hospital, Shizuoka, Japan

O-100 Cerebrospinal fluid apolipoprotein e levels in subacute sclerosing panencephalitis

Hirofumi Inoue*, Madoka Kajimoto, Takeshi Matsushige, Momoko Oka, Takashi Ichiyama (Japan)

*Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan

O-101 Genetic background in Japanese patients with theophylline-associated acute encephalopathy

Mayu Shinohara*, Makiko Saitoh, Gaku Yamanaka, Kaoru Amamiya, Masaya Kubota, Takanori Yamagata, Kenjiro Kikuchi, Hisashi Kawawaki, Jyun Kamei, Manami Akasaka, Yuki Anzai, Masashi Shiomi, Masashi Mizuguchi (Japan)

*Department of Developmental Medical Sciences, Graduate School of Medicine, University of Tokyo, Tokyo, Japan

Oral Presentation: Acute Encephalopathy 2

O-102 A case of AESD showed various image findings

Yuko Taniguchi*, Takanori Yamagata, Yukifumi Monden, Masako Nagashima, Naohiro Ikeda, Masato Mori, Masayo Hanabusa, Tokiko Fukuda, Yuji Gunji, Hideo Sugie, Mariko Momoi (Japan)

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O-103 Epilepsy caused by acute encephalopathy with biphasic seizures and late reduced diffusion

Hirosato Nasu*, Yukitoshi Takahashi, Tomoshiro Itou, Nobusuke Kimura, Ichirou Kuki, Tetsuhiro Fukuyama, Tokito Yamaguchi, Rumiko Takayama, Yukiko Mogami, Hideyuki Ohtani, Tomoyuki Akiyama, Hiroko Ikeda, Katsumi Imai, Hideo Shigematsu, Yushi Inoue (Japan)

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O-104 Six cases of Hemiconvulsions-Hemiplegia syndrome

Seiichiro Yoshioka*, Fukiko Ryujin, Yuko Sakaue, Tomoyuki Takano, Yoshihiro Takeuchi, Noriko Nishikura (Japan)

*Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan

O-105 Discrimination of acute encephalopathy among febrile children with acute neurological disorders

Hiroyuki Torisu*, Soo-Young Lee, Yui Yamaguchi, Yoshito Ishizaki, Masafumi Sanefuji, Yasunari Sakai, Toshiro Hara (Japan)

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O-106 EEG analysis of Febrile seizure and acute viral associated encephalopathy

Sooyoung Lee*, Hiroyuki Torisu, Yui Yamaguchi, Yoshito Ishzaki, Masafumi Sanefuji, Yasunari Sakai, Toshiro Hara (Japan)

*Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

O-107 Clinical course of Acute brain swelling type, one type of acute encephalopathy

Megumi Nukui*, Hisashi Kawawaki, Takeshi Sasaki, Hitomi Tsuji, Yuka Hattori, Asako Horino, Takeshi Inoue, Ichiro Kuki, Shin Okazaki, Kiyoko Amo, Masashi Shiomi (Japan)

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Oral Presentation: Acute Encephalopathy 3

O-108 Autopsy findings of a patient with AERRPS-type encephalitis

Chikako Ogawa*, Jun Natsume, Hiroyuki Yamamoto, Naoko Ishihara, Setsuri Yokoi, Tomoya Takeuchi, Tamiko Negoro, Kazuyoshi Watanabe (Japan)

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O-109 The characteristics of AERRPS in 123I-iodoamphetamine (IMZ) SPECT

Asako Horino*, Masashi Shiomi, Hitomi Tsuji, Tuka Hattori, Takeshi Inoue, Megumi Nukui, Ichiro Kuki, Shin Okazaki, Hisashi Kawawaki, Kiyotaka Tomiwa, Kiyoko Amou, Masao Togawa (Japan)

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O-110 DWI abnormalities of the temporo-occipital lobe and pulvinar related to acute encephalopathy

Tomohiko Nakata*, Takeshi Tsuji, Toru Kato, Fumio Hayakawa, Tomoya Takeuchi, Testuo Kubota, Testuya Kibe, Akihisa Okumura, Shinji Saitoh, Jun Natsume (Japan)

*Department of Pediatrics, Nagoya University Graduate School of Medicine, Aichi, Japan

O-111 A case repeated mild encephalitis/encephalopathy with a reversible splenial lesion(MERS)three times

Takeshi Kouga*, Kyoko Takano, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Noriko Aida, Jun-Ichi Takanashi, Hitoshi Osaka (Japan)

*Division of Neurology, Kanagawa Children's Medical Center, Kanagawa, Japan

O-112 A case of mild encephalopathy with a reversible splenial lesion associated with rota virus

Toshifumi Yodoshi*, Tsuyoshi Matsuoka, Msaki Sugai, Masaharu Ohfu (Japan)

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O-113 The clinical and neuroimaging findings of Posterior Reversible Encephalopathy Syndrome

Hiroyuki Yamamoto*, Motomasa Suzuki, Tomoya Takeuchi, Yoshiteru Azuma, Naoko Ishihara, Kaori Aiba, Takeshi Tsuji, Tetsuo Kubota, Naoki Ando, Tamiko Negoro, Kazuyuki Watanabe, Akihisa Okumura, Shinji Saitoh, Jun Natsume (Japan)

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Oral Presentation: Epilepsy 4

O-114 Mutational analysis of SCN9A in patients with febrile seizures

Iori Ohmori*, Katsuhiro Kobayashi, Mamoru Ouchida (Japan)

*Department of Physiology, Graduate School of Medicine, Dentistry and Pharmaceutical Science, Okayama University, Okayama, Japan

O-115 Acute encephalopathy during the course of Dravet syndrome; second report about prolonged seizure

Rumiko Takayama*, Yukitoshi Takahashi, Hirosato Nasu, Nobusuke Kimura, Kaito Yamaguchi, Tetsuhiro Fukuyama, Yukiko Mogami, Hideyuki Ohtani, Tomoyuki Akiyama, Hiroko Ikeda, Katsumi Imai, Hideo Shigematsu, Shinichi Hirose, Kazuhiro Yamakawa, Yushi Inoue (Japan)

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O-116 Increased seizure susceptibility in SCN2A mutant mice

Ikuo Ogiwara*, Tojo Nakayama, Kazuhiro Yamakawa (Japan)

*Laboratory for Neurogenetics, RIKEN Brain Science Institute, Wako, Saitama, Japan

O-117 Three cases of Dravet syndrome with SCN1A mutation

Kiyotaka Zaha*, Hiroshi Matsumoto, Yuki Tujita, Yasuko Nakamura (Japan)

*The Department of Pediatrics, National Defense Medical College, Saitama, Japan

O-118 Clinical manifestations of Dravet syndrome -Analysis by ictal video-EEG records-

Masako Sakauchi*, Hirokazu Oguni, Yoshiko Hirano, Yasushi Ito, Yuko Tsuda, Makiko Osawa (Japan)

*Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

O-119 Serial changes of cognitive functions in the patients with atypical BECT

Hideaki Kanemura*, Fumikazu Sano, Hiromi Hosaka, Sonoko Mizorogi, Tomoko Tando, Kakuro Aoyagi, Kanji Sugita, Masao Aihara (Japan)

*Department of Pediatrics, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan

Oral Presentation: Epilepsy 5

O-120 Investigation of rolandic spikes in Panayiotopoulos syndrome

Takashi Shibata*, Harumi Yoshinaga, Yoshiyuki Hanaoka, Katsuhiro Kobayashi, Yoko Ohtsuka (Japan)

*Department of Child Neurology, Okayama University Hospital, Okayama, Japan

O-121 Three cases of psychogenic non-epileptic seizures with epilepsy diagnosed by ictal EEG

Yuichi Takami*, Hirofumi Ban, Daisuke Kurokawa (Japan)

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O-122 Amplitude-integrated EEG of head injured children with abuse

Ayuko Igarashi* (Japan)

*Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan

O-123 A case of neonatal epilepsy with normal development and atypical suppression burst pattern

Naomi Shinohara*, Keisuke Ueda, Yoriko Konishi, Toshiki Takenouchi, Sachiko Shimozato, Keiichi Yamamoto, Takao Takahashi (Japan)

*Pediatrics, National Hospital Organization Tokyo Medical Center, Tokyo, Japan

O-124 Long-term cognitive outcome of eleven patients with Sturge-Weber syndrome

Kotoko Suzuki*, Shin-Ichiro Hamano, Ryuki Matsura, Kenjiro Kikuchi, Manabu Tanaka, Atsuyuki Minamitani, Hiroyuki Ida (Japan)

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O-125 The clinical presentation and long term outcome of epilepsy in Mowat-Wilson syndrome

Ayako Umemura*, Kiyokuni Miura, Naoko Hayashi, Keitaro Yamada, Hirokazu Kurahashi, Koichi Maruyama, Motomasa Suzuki, Seiji Mizuno, Akiko Matsumoto, Toshiyuki Kumagai (Japan)

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Oral Presentation: Learning Disorder 1

O-126 Effect of reading difficulty on self-evaluation and mental health of elementary school children

Toshiya Yamashita*, Takashi Hayashi (Japan)

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- O-127 Development of a Mass Screening Test for Reading Disability 2 – Non-word Choice and Word Search Task
Tomohito Okumura*, Tomoko Miura, Makoto Nakanishi, Mekumi Mizita, Naoko Kurimoto, Takashi Takeshita, Masaaki Uno, Eiji Wakamiya, Hiroshi Tamai (Japan)
**Osaka Medical College, LD Center, Osaka, Japan*
- O-128 Development of a Mass Screening Test for Reading Disability 2 -Phonological Manipulation Task-
Mekumi Mizuta*, Tomohito Okumura, Tomoko Miura, Makoto Nakanishi, Naoko Kurimoto, Takashi Takeshita, Masaaki Uno, Eiji Wakamiya, Hiroshi Tamai (Japan)
**Osaka Medical College, LDcenter, Osaka, Japan*
- O-129 Reading duration of sentences in adolescents and adults with developmental dyslexia
Akira Uno*, Noriko Haruhara, Masato Kaenko (Japan)
**Faculty of Human Sciences, University of Tsukuba, Ibaraki, Japan / LD/Dyslexia centre, Chiba, Japan*
- O-130 The investigation of automaticity within RAN in dyslexic children
Masato Kaneko*, Akira Uno, Noriko Haruhara (Japan)
**Faculty of Medical Science for Health, Teikyo Heisei University, Tokyo, Japan / LD/Dyslexia centre, Chiba, Japan*
- O-131 The cognitive function in children with developmental dyslexia and younger typical children
Noriko Haruhara*, Akira Uno, Masato Kaneko, Noriko Awaya (Japan)
**Faculty of Health Sciences, Mejiro University, Saitama, Japan / NPO Corporation LD/Dyslexia Centre, Chiba, Japan*
- Oral Presentation: Pathology Vascular Disorder*
- O-132 Brain stem analysis in Fukuyama type congenital muscular dystrophy
Keisuke Nakajima*, Masaharu Hayashi (Japan)
**The Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan*
- O-133 Early-stage cardiovascular change with cardiomyopathy in neuromuscular disorders in childhood
Atsuhito Takeda*, Akira Sudo, Hideaki Shiraishi, Shinji Saitoh (Japan)
**Department of Pediatrics, Graduate School of Medicine, Hokkaido University, Hokkaido, Japan*
- O-134 An infant with an occipital sinus pericranii
Hiroko Matsushita*, Sozo Okano, Katsumi Hayakawa (Japan)
**Department of Pediatrics, Kyoto City Hospital, Kyoto, Japan*
- O-135 Treatment results and medical supports in patients with pediatric moyamoya disease
Hiroaki Sakamoto*, Yasuhiro Matsusaka, Yumiko Urano (Japan)
**Department of Pediatric Neurosurgery, Children's Medical Center, Osaka City General Hospital, Osaka, Japan*
- O-136 Fetal development of the oculomotor nuclear complex in man. III. Histometric analysis
Katsuyuki Yamaguchi* (Japan)
**Department of Pathology, Dokkyo University School of Medicine, Tochigi, Japan / Department of Pediatrics, Southern Tohoku General Hospital, Fukushima, Japan*
- O-137 Analysis of a new model mouse of hypoxic ischemic brain injury for extremely premature infants
Kimiko Deguchi*, Ken-Ichiro Kubo, Kazunori Nakajima, Ken Inoue (Japan)
**Deguchi Pediatric Clinic, Nagasaki, Japan / National Institute of Neuroscience, Department of Mental Retardation and Birth Defect Research / Department of Anatomy, Keio University School of Medicine, Tokyo, Japan*
- Oral Presentation: Infectious, Immunological Disease 1*
- O-138 A nationwide epidemiological survey of opsoclonus-myoclonus syndrome
Takeshi Matsushige*, Madoka Kajimoto, Hideo Aiba, Keiko Ishigaki, Shigemi Kimura, Masaya Kubota, Junichi Takanashi, Yukitoshi Takahashi, Hiroshi Tamai, Jun Natsume, Shinichiro Hamano, Shinichi Hirabayashi, Masashi Mizuguchi, Kimio Minagawa, Toshiro Hara, Takashi Ichiyama (Japan)
**Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan / Japanese Pediatric Immunological Encephalitis Study Group*
- O-139 Opsoclonus-myoclonus syndrome
Mitsuko Okuda*, Mariko Akiba, Kyouko Takano, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka, Yukitoshi Takahashi (Japan)
**Kanagawa Prefectural Hospital Organization, Kanagawa, Japan*
- O-140 A Case of Mycoplasma infection-associated Opsoclonus-Myoclonus Syndrome with Satisfactory Progress
Kaori Kawano*, Yasushi Ito, Aiko Nishikawa, Masumi Sahara, Yoshiko Hirano, Keiko Ishigaki, Makoto Funatsuka, Yukitoshi Takahashi, Makiko Osawa (Japan)
**Tokyo Womens Medical University, Tokyo, Japan*
- O-141 The effect of IVIG therapy as a disease-modifying therapy in pediatric multiple sclerosis
Konomi Shimoda*, Satoko Kumada, Emi Kasai, Ikuko Shirai, Yasuo Hachiya, Eiji Kurihara (Japan)
**Neuropediatrics, Tokyo Metropolitan neurological Hospital, Tokyo, Japan*

O-142 Pediatric NMO/NMO spectrum disorders in Japan

Yui Yamaguchi*, Hideo Aiba, Takashi Ichiyama, Takayuki Kishi, Shigemi Kimura, Masaya Kubota, Junichi Takanashi, Yukitoshi Takahashi, Hiroshi Tamai, Jun Natsume, Shinnichiro Hamano, Shinnichi Hirabayashi, Masashi Mizuguchi, Kimio Minagawa, Toshiro Hara (Japan)

*Faculty of Medicine, Kyushu University, Fukuoka, Japan / pediatric autoimmune encephalitis research group of Japan

O-143 Comparison of clinical features before and after the puberty of pediatric MS in Japan

Yui Yamaguchi*, Hideo Aiba, Takashi Ichiyama, Takayuki Kishi, Shigemi Kimura, Masaya Kubota, Junichi Takanashi, Yukitoshi Takahashi, Hiroshi Tamai, Jun Natsume, Shinnichiro Hamano, Shinnichi Hirabayashi, Masashi Mizuguchi, Kimio Minagawa, Toshiro Hara (Japan)

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Oral Presentation: Developmental Disorder 3

O-144 Methylphenidate OROS was effective to a male case of precocious puberty comorbid with ADHD

Yushiro Yamashita*, Koujyu Katayama, Syuichi Yatsuga, Ikuhiko Shibuya, Takashi Ohya, Shinichiro Nagamitsu, Yasutoshi Koga, Toyojiro Matsuishi (Japan)

*Department of Pediatrics & Child Health, Kurume University School of Medicine, Fukuoka, Japan

O-145 Drug Therapy of ADHD-Examination of the usefulness seen from a persistence rate of MPH and ATX-

Michiko Sugama*, Asayo Ishizaki (Japan)

*Oji Clinic; Division of Medicine The Association of Remedial Teaching for People with Developmental Handicaps, Tokyo, Japan

O-146 Effect of atomoxetine on sleep-associated comorbidities of AD/HD

Masahito Miyazaki*, Tatsuo Mori, Kenji Mori, Shoji Kagami (Japan)

*Department of Pediatrics, Miyoshi Medical Clinic, Higashikagawa, Japan / Department of Pediatrics, The Institute of Health Bioscience, The University of Tokushima Graduate School, Tokushima, Japan

O-147 Composition of medication AD/HD after the introduction of ATX

Ryoko Otani*, Kaori Noda, Yuko Yoshitomi, Makiko Koike, Atsuko Ayabe, Keiichi Shimamura, Nobuyuki Murakami, Ryoichi Sakuta (Japan)

*Pediatrics Dokkyo Medical University Koshigaya Hospital, Saitama, Japan

O-148 Developmental disorders as pathogenesis of school refusal: retrospective study

Akio Kiyota*, Tatsuro Izumi (Japan)

*Department of Pediatrics, Neuropediatrics and Child psychiatry, University of Oita, Oita, Japan

O-149 Coordination between Medical Care Counseling and Education for Developmental Disorders in school age

Kazue Takagi* (Japan)

*Habilitation and Consultation Center for Children, Kanagawa, Japan

Oral Presentation: Cerebral Palsy / Conductive Education 3

O-150 Analysis of bone mineral density of patients with SMID measured consecutively for 20 years

Tadashi Matsubasa*, Kenji Okumura, Ken Momosaki, Yoichi Nagata, Yuko Arizono, Akihiko Kimura, Makoto Shinohara (Japan)

*Kumamoto University Hospital Chair of Severe Motor and Intellectual Disabilities, Kumamoto, Japan / Kumamoto-Ashikita Medical Center for Severe Motor and Intellectual Disabilities, Ashikita-machi, Kumamoto, Japan

O-151 Serum undercarboxylated osteocalcin concentration in severely disabled patients

Hiroaki Ono* (Japan)

*The Department of Pediatrics, Hiroshima Prefectural Hospital, Hiroshima, Japan

O-152 The Tracp-5b in severely handicapped children

Seiji Watanabe*, Hideo Aiba, Yoshinori Okumura, Chihiro Iida (Japan)

*The Department of Pediatric Neurology, Shizuoka Children's Hospital, Shizuoka, Japan

O-153 Cervical vertebrae instability in patients with Down syndrome

Michiko Makino*, Yukiko Nanba, Shuji Matsui, Yasuko Nasu, Keiko Wada, Mitsunobu Matuda, Keiko Akahoshi, Toshhide Shiiki, Masuko Hunahashi, Yasuyuki Suzuki (Japan)

*Department of Pediatrics, Tokyo Children's Rehabilitation Hospital, Tokyo, Japan

O-154 A study on caregivers' burden for persons with severe disabilities

Kenji Kihara*, Gakuyou Matsui, Youko Kawasaki, Hiroyuki Imanishi, Takashi Mito, Satoshi Takada (Japan)

*Kobe University Graduate School of Health Sciences, Hyogo, Japan / Physical Medicine and Rehabilitation, Nikonikohouse Medical Welfare Center, Hyogo, Japan

O-155 Community services to severely handicapped children in Yokohama; situations and problems

Takuya Kobayashi* (Japan)

*Nokendai Children Clinic, Kanagawa, Japan

Oral Presentation: Infectious, Immunological Disease 2 / Intoxication

O-156 A case of multiple sclerosis with higher cerebral dysfunction

Takeshi Sasaki*, Hisashi Kawawaki, Megumi Nukui, Asako Horino, Takeshi Inoue, Shin Okazaki (Japan)

*Osaka City General Hospital, Pediatric Neurology, Osaka, Japan

O-157 Probable risk factor for subacute sclerosing panencephalitis

Hideo Aiba*, Kazuie Inuma, Yoko Ohtsuka, Mitsuki Hosoya, Takashi Ichiyama, Akira Oka, Yasuhiro Suzuki, Keiko Nomura (Japan)

*Division of Pediatric Neurology, Shizuoka Children's Hospital, Shizuoka, Japan / Division of SSPE surveillance, The Research Committee on Prion disease and Slow Virus Infection, The Ministry of Health, Labour and Welfare, Tokyo, Japan

O-158 Recurrent hypersomnia: Clinical presentation and association with influenza

Michiko Torio*, Hiroyuki Torisu, Soebijant Keiji, Masafumi Sanfuji, Yoshito Ishizaki, Yasunari Sakai, Takashi Kanbayashi, Kenjiro Gondo, Toshiro Hara (Japan)

*Department of Pediatrics, University School of Medicine of Kyushu, Fukuoka, Japan

O-159 A case of PTU with Anti-Glutamate Receptor Antibody was positive in a serum and cerebrospinal fluid.

Sosuke Yoshikawa*, Miho Fukui, Mitsuru Kashiwagi, Ryouhei Miyamoto, Shuichi Shimakawa, Takuya Tanabe, Kouji Azumakawa, Hiroshi Tamai, Yukitoshi Takahashi (Japan)

*Department of pediatrics, Osaka Rohsai Hospital, Osaka, Japan

O-160 Three cases of encephalitis with autoantibody to glutamate receptor

Masaharu Ohfu*, Tsuyoshi Matsuoka, Toshifumi Yodoshi, Misaki Sugai (Japan)

*Division of Child Neurology, Okinawa Prefectural Nanbu Medical Center & Children's Medical Center, Okinawa, Japan

O-161 Osetamivir Phosphate Induced Alterations in ABR of Epilepsy-Prone El Mice (The 3rd report)

Yasuhiko Kawakami*, Kenichi Saito, Yoshiya Murashima, Shinya Koizumi, Kentaro Kuwabara, Takehisa Fujita, Osamu Fujino, Yoshitaka Fukunaga (Japan)

*Department of Pediatrics, Nippon Medical School Tama Nagayama Hospital, Tokyo, Japan

Oral Presentation: Metabolic, Degenerative Disorder 2

O-162 Comprehensive genetic analyses for progressive white matter disorders

Shino Shimada*, Keiko Shimojima, Makiko Osawa, Toshiyuki Yamamoto (Japan)

*Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan / Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

O-163 West syndrome associated with Leigh encephalopathy due to mitochondrial 8993T>G mutation

Akiko Ohshiro*, Mitsuko Okuda, Kyoko Takano, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)

*Kanagawa Children Medical Center, Kanagawa, Japan

O-164 Chaperone therapy for beta-galactosidase deficiency with the new compound

Eiji Nanba*, Katumi Higaki, Kaori Adachi, Ohno Kousaku, Yoshiyuki Suzuki (Japan)

*Center for Bioscience and Technology, Tottori University, Tottori, Japan

O-165 Familial cases of HCAHC with POLR3B gene mutations

Soichiro Toda*, Jun-Ichi Takanashi, Shota Yuasa, Hitoshi Osaka, Mitsugu Uematsu, Hirotomo Saito (Japan)

*Department of Pediatrics, Kameda Medical Center, Chiba, Japan

O-166 Development of information tools for mitochondrial diseases

Yukiko Sato*, Yu-Ichi Goto (Japan)

*National Center of Neurology and Psychiatry, Tokyo, Japan

O-167 Secondary pathology of muscle glycogen storage disease analyzed by metabolite profiling

Tokiko Fukuda*, Keiko Ishigaki, Yoko Sugie, Ichizo Nishino, Hideo Sugie (Japan)

*Pediatrics, Jichi Medical University, Tochigi, Japan / Pediatrics, Tokyo women's medical university, Tokyo, Japan

Oral Presentation: Involuntary Movement, Basal Ganglia

O-168 A case report of bobble-head doll syndrome: Importance to distinguish from autistic stereotypies.

Toshino Motojima*, Taku Omata, Hidee Arai, Yuzo Tanabe (Japan)

*Department of Neurology, Chiba Children's Hospital, Chiba, Japan / The Department of Pediatrics, Motojima General Hospital, Gunma, Japan

O-169 The efficacy of levetiracetam for myoclonus in 4 cases of degenerative diseases

Shoichi Endo*, Yumi Fujihara, Sizuka Matuoka, Tomoko Kirino, Shigehiro Nagai (Japan)

*The Department of Neurology, Kagawa National Children's Hospital, Kagawa, Japan

O-170 The effects of pallidal stimulation for 4 cases of generalized dystonia

Emi Kasai*, Satoko Kumada, Konomi Shimoda, Ikuko Shirai, Yasuo Hachiya, Eiji Kurihara, Makoto Taniguchi, Fusako Yokochi (Japan)

*Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan

O-171 The Diagnostic Challenge of Juvenile Parkinson Disease in the Early Clinical Course

Ota Minoru*, Sachiko Shimojima, Yoriko Konishi, Toshiki Takenouchi, Fujiyo Arima, Keiichi Yamamoto, Takao Takahashi (Japan)

*Department of Pediatrics, Faculty of Medicine, University of Keio, Tokyo, Japan / Department of Pediatrics, Isehara Kyodo Hospital, Kanagawa, Japan

O-172 A new mutation of GCH1 gene in identical triplets family with dopa-responsive dystonia

Nobutada Tachi*, Mamoru Jyo, Minoru Shinoda, Satoru Takahashi (Japan)

*School of Health Sciences, Sapporo Medical University, Hokkaido, Japan

Oral Presentation: Malformation, Chromosomal Abnormality 1

O-173 A case of microdeletion of 9q31.2-q32 associated with congenital anomalies with mental retardation

Yuji Fujii*, Yoshiyuki Kobayashi, Nobutune Ishikawa, Hiroaki Ono, Shin Hayashi, Joji Inazaya (Japan)

*Department of Pediatrics, Hiroshima University, Hiroshima, Japan

O-174 The development of the patients with 1p36 deletion syndrome

Kyoko Hirasawa*, Keiko Shimojima, Shino Shimada, Yoshihiro Maegaki, Mari Matsuo, Makiko Osawa, Toshiyuki Yamamoto (Japan)

*Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

O-175 A study for 1p36 deletion syndrome in Japan

Shino Shimada*, Keiko Shimojima, Mari Matsuo, Kyoko Hirasawa, Yoshihiro Maegaki, Makiko Osawa, Toshiyuki Yamamoto (Japan)

*Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan / Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

O-176 Prader-Willi syndrome due to uniparental disomy and controlled ovarian stimulation

Yasuko Kobayashi*, Kiyoshi Omura, Keiko Matsubara, Nobuyuki Murakami, Toshirou Nagai (Japan)

*Nishitaga National Hospital, Miyagi, Japan

O-177 Frequency and characteristics of seizure disorder in Japanese patients with Prader-Willi syndrome

Eri Takeshita*, Nobuyuki Murakami, Ryoichi Sakuta, Toshiro Nagai (Japan)

*Department of Pediatrics, Koshigaya Hospital, Dokkyo Medical University, Saitama, Japan

O-178 The epileptic characterization and their long-term outcomes in 4 patients with Angelman syndrome

Atsuko Matsuzuka*, Hisako Inoue, Tatsuro Izumi (Japan)

*Oita University Faculty of Medicine, Pediatrics, Pediatrics Neurology, Oita, Japan / Beppu Development Medical Center, Pediatrics Department, Oita, Japan

Oral Presentation: Malformation, Chromosomal Abnormality 2

O-179 A boy with multiple polymicrogyria and callosal hypogenesis manifesting self-injury

Toshiyuki Seto*, Mitsuhiro Kato, Yukio Miki, Mitsugu Uematsu, Haruo Shintaku (Japan)

*The Department of Pediatrics, Osaka City University, Osaka, Japan / The Department of Pediatrics, Kashiwara Municipal Hospital, Osaka, Japan

O-180 A case of transsphenoidal encephalocele with multiple findings and septo-optic dysplasia

Masahiro Ito*, Hisako Ishiwata, Hisamitsu Tamaki (Japan)

*The Department of Pediatrics, Tokyo Metropolitan Bokuto Hospital, Tokyo, Japan

O-181 Nationwide Survey of Arima Syndrome: The First Report of Clinical Features

Yuji Iwasaki*, Masayuki Itoh, Kousaku Ohno, Shuhei Ide, Takehiko Inoue, Masaharu Hayashi, Tetsuo Matsuzaka, Masataka Arima (Japan)

*The Department of Pediatrics, Tokyo Metropolitan Tobu Medical Center for Persons with Developmental Multiple Disabilities, Tokyo, Japan

O-182 Two cases of Duane's retraction syndrome with hearing loss

Kyoko Takano*, Mitsuko Okuda, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)

*Division of Neurology, Kanagawa Children's Medical Center, Kanagawa, Japan

O-183 A case of Klippel-Trenaunay syndrome with cortical dysgenesis and neonatal hydrocephalus

Ikuma Musha*, Yuichi Abe, Tetsuro Sakai, Hideo Yamanouchi (Japan)

*Department of Pediatrics, Saitama Medical University, Saitama, Japan

O-184 Three cases of the Noonan syndrome which presented the serious phenotype from the perinatal period

Akihiko Nakahara*, Rie Nagano, Toshio Ikeda (Japan)

*The Department of Pediatrics, University of Miyazaki, Miyazaki, Japan

Oral Presentation: Developmental Disorder 4

O-185 Relation between the shape of pen-holding and hand skill in the preschoolers and schoolchildren

Atsuko Sammi*, Ryota Eguchi, Taro Otoshi, Hiroko Sasagawa, Satoshi Takada (Japan)

*Graduate School of Health Sciences, Kobe University, Hyogo, Japan

O-186 The Development of the Japanese version of the Little DCDQ

Akio Nakai*, Yoshinori Mitsuhashi, Masao Kawatani, Brenda N. Wilson, Tanya Rihtman, Shula Parush (Japan)

*Research Center for Child Mental Development, Fukui, Japan

O-187 Support and therapy for clumsiness in infants with high functioning developmental disorders

Taishi Miyachi*, Satoshi Sumi, Shinji Saitoh (Japan)

*Nagoya Akebono Gakuen, Nagoya, Japan / Nagoya West District Care Center for Disabled Children, Aichi, Japan / The Department of Pediatrics, Nagoya City University, Aichi, Japan

O-188 The analysis of the children who visited our institute through 5 years old health examination

Hiroshi Watanabe*, Aya Ogasawara, Shinichiro Takiguchi, Hideo Simoizumi (Japan)

*Nasu Institute for Developmental Disabilities, International University of Health and Welfare Rehabilitation Center, Tochigi, Japan

O-189 The feature of the infant girls with Asperger's syndrome

Yuko Yamauchi*, Hiroko Haneda, Masutomo Miyao, Mitsuko Nakano, Makiko Okuyama, Hiroyuki Ida (Japan)

*National Center for Children Health and Development Department of Psychosocial Medicine, Tokyo, Japan / The Jikei University, Tokyo, Japan

O-190 Family therapy of Pervasive Developmental Disorders -Father's peer counseling-

Hiroko Haneda*, Yuko Yamauchi, Mitsuko Nakano, Masutomo Miyao, Makiko Okuyama (Japan)

*National Center for Child Health and Development, Tokyo, Japan

O-191 A clinic newly established for children with developmental disorders in a Children's Hospital

Shinichi Hirabayashi*, Noboru Fueki (Japan)

*Division of Child Neurology, Nagano Children's Hospital, Nagano, Japan

Oral Presentation: Epilepsy 6

O-192 The new anti-epileptic drugs for post-operative patients with intractable epilepsy

Akiko Fujii*, Mitsuhiro Matuo, Tatuharu Sato, Tetuo Matuzaka, Hiroyuki Moriuti (Japan)

*The Third Department of Pediatrics, University of Nagasaki, Nagasaki, Japan / Nagasaki Prefectural Center of Handicapped Children, Nagasaki, Japan

O-193 Use situation of phenytoin and gingival hyperplasia in patients with SMID

Kazuya Goto*, Kazuhide Imai (Japan)

*NHO Nishibeppu National Hospital Division of Pediatrics, Beppu, Japan

O-194 Two cases of hyperuricemia associated with valproate monotherapy

Takamasa Kishi* (Japan)

*Department of Pediatrics, KKR Hiroshima Memorial Hospital, Hiroshima, Japan

O-195 Efficacy of levetiracetam in children with intractable epilepsy

Shin Okazaki*, Hisashi Kawawaki, Hitomi Tshuji, Asako Horino, Megumi Nukui, Takeshi Inoue, Ichirou Kuki, Kiyoko Amou, Masashi Shiomi, Kiyotaka Tomiwa (Japan)

*Pediatric Neurology, Osaka City General Hospital, Osaka, Japan

O-196 Steroid pulse therapy for post-encephalitic/encephalopathic epilepsy

Tokito Yamaguchi*, Yukitoshi Takahashi, Tomoshiro Ito, Hiroka Takahashi, Tetsuhiro Fukuyama, Yukiko Mogami, Rumiko Takayama, Hideyuki Ohotani, Tomoyuki Akiyama, Hiroko Ikeda, Katsumi Imai, Hideo Shigematsu, Yushi Inoue (Japan)

*National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorder, Shizuoka, Japan

O-197 A Study of Therapy with New Antiepileptic Drugs for Intractable Epilepsy of Post-West Syndrome

Yumi Fujihara*, Shigehiro Nagai, Shizuka Matsuoka, Tomoko Kirino, Shoichi Endo (Japan)

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Oral Presentation: Developmental Disorder 5

O-198 School support in rehabilitation for pervasive developmental disorder child

Yukihiro Takagi*, Toshiaki Hashimoto, Yoshimi Tsuda (Japan)

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O-199 Cooperation of a development handicapped person support center and health welfare center

Keiko Maeda* (Japan)

*Shizuoka city development handicapped person support center, Shizuoka, Japan / Shizuoka Iryou Fukusi Center, Shizuoka, Japan

O-200 How we coordinate rehabilitation plan for autistic spectrum from childhood to adult?

Naoki Shiota*, Ayako Senju, Tomofumi Fukuda, Masahiro Ishii, Masayuki Shimono, Koichi Kusuhara (Japan)

*Department of Pediatrics, School of Medicine, University of Occupational and Environmental Health, Fukuoka, Japan

O-201 Comparative Research on Prefectural Consultation Support Systems for Developmental Disorders in Japan

Kaeko Ogura*, Yasoichi Nakajima (Japan)

*Developmental Disability Section, Department of Rehabilitation for Brain Functions, Research Institute of National Rehabilitation Center for Persons with Disabilities, Saitama, Japan

O-202 Teamwork approach by support meetings for developmental disordered children with familial problems

Yuko Hayashi* (Japan)

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O-203 Effective utilization of parentmenters

Akemi Tsuda*, Tsunehisa Sakajiri (Japan)

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O-204 Research on a difference of how to judge of parents and childcare workers for young children.

Yuki Ishioka*, Tarou Ootoshi, Satoshi Takada (Japan)

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Oral Presentation: Acute Encephalopathy 5

O-205 The elevation of serum NTproBNP in encephalopathy associated with viral infection

Miho Fukui*, Shuichi Shimakawa, Shohei Nomura, Mitsuru Kashiwagi, Ryohei Miyamoto, Takuya Tanabe, Kohji Azumagawa, Hiroshi Tamai (Japan)

**The Department of Pediatrics, Osaka Medical College, Osaka, Japan*O-206 Acute encephalopathy by *B. Cereus* food poisoning is caused via impaired mitochondrial beta-oxidation

Seiji Yamaguchi*, Jamiyan Purevsuren, Hironori Kobayashi, Yuki Hasegawa (Japan)

**Department of Pediatrics, Shimane University School of Medicine, Shimane, Japan*

O-207 Early diagnosis of the acute encephalopathy using fT3, TSH

Atsuko Nakagawa*, Yoshinobu Oyazato, Tomoshi Nakajiri, Fumiko Hatano, Atsushi Nishiyama, Masao Adachi (Japan)

**Kakogawa City Hospital Organization, Kakogawa west city Hospital, Hyogo, Japan*

O-208 Bispectral index monitoring for the management of barbiturate therapy for status epilepticus

Manabu Tanaka*, Kotoko Sugaya, Ryuuki Matsuura, Kenjiro Kikuchi, Motoyuki Minamitani, Shin-Ichiro Hamano (Japan)

**Division of Neurology, Saitama Children's Medical Center, Saitama, Japan*

O-209 Successful treatment of IVIg for a patient with anti-NMDA receptor encephalitis

Mariko Akiba*, Mitsuko Okuda, Kyouko Takano, Yoshihiro Watanabe, Megumi Tuji, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)

**Division of Pediatric Neurology, Kanagawa Children's Medical Center, Kanagawa, Japan / Department of Pediatrics, Yokohama City University Medical Center, Kanagawa, Japan / Laboratory of Neurophysiology Department of Neuroscience, Jikei University School of Medicine, Tokyo, Japan*

O-210 A case of pervasive developmental disorder with antibodies against the N-methyl-D-aspartate receptor

Kazushi Miya*, Tomomi Tanaka, Hisashi Mori, Toshio Miyawaki (Japan)

Department of Pediatrics Faculty of Medicine University of Toyama, Toyama, JapanOral Presentation: Acute Encephalopathy 6*

O-211 A 16-year-old-girl with severe higher brain dysfunction due to herpes encephalitis

Hiroyuki Fujita*, Mana Kurihara, Atsushi Shishido, Manabu Yoshihashi, Toshitaka Kohagizawa (Japan)

**Department of Pediatrics, The Kanagawa Rehabilitation Center, Kanagawa, Japan*

O-212 Effect of Tacrolimus in a 5 years-old-boy with Recurrent Non-herpetic Acute limbic Encephalitis

Kazuko Kishi*, Noriaki Minami, Jun Mine, Rie Kanai, Seiji Yamaguchi, Yukitoshi Takahashi (Japan)

**The Department of Pediatrics, Shimane Medical University, Shimane, Japan*

O-213 Can we predict the long-term outcome of acute encephalopathy during acute phase from 99 patients?

Kenjiro Kikuchi*, Shin-Ichiro Hamano, Kotoko Sugaya, Ryuuki Matsuura, Manabu Tanaka, Mitoyuki Minamitani, Hiroyuki Ida (Japan)

**Division of Neurology, Saitama Children's Medical Center, Saitama, Japan / Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan*

O-214 Investigation for Visiospacial Disturbance after Acute Encephalopathy

Mana Kurihara*, Atsushi Shishido, Manabu Yoshihashi, Hiroyuki Fujita, Toshitaka Kohagizawa, Hiroyuki Ida (Japan)

**Department of Pediatrics, The Kanagawa Rehabilitation Center, Kanagawa, Japan / Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan*

O-215 Clinical evaluation of WISC-3, WAIS-R after acute encephalitis, encephalopathy

Takeshi Inoue*, Hisashi Kawawaki, Hitomi Tsuji, Yuka Hattori, Asako Horino, Megumi Nukui, Ichiro Kuki, Shin Okazaki, Kiyoko Amo, Masao Togawa, Kiyotaka Tomiwa, Masashi Shiomi (Japan)

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O-216 A case of treated with rehabilitation for cognitive impairment due to sequelae of encephalopathy

Atsushi Shishido*, Mana Kurihara, Manabu Yoshihashi, Hiroyuki Fujita, Toshitaka Kohagizawa, Hiroyuki Ida (Japan)

Department of Pediatrics, The Kanagawa Rehabilitation Center, Kanagawa, Japan / Department of Pediatrics, Jikei University School of Medicine, Tokyo, JapanOral Presentation: Learning Disorder 2*

O-217 How do number facts and calculation procedures work in calculations in developmental dyscalculia?

Eiji Wakamiya*, Makoto Nakanishi, Tomoko Miura, Takashi Takeshita, Mekumi Mizuta, Naoko Kurimoto, Tomohito Okumura, Hiroshi Tamai (Japan)

**Faculty of nursing and rehabilitations, Aino University, Ibaraki, Japan*

O-218 A case of attention-deficit disorder and reading/writing disorder following influenza encephalopathy

Makio Oka*, Akihito Takeuchi, Teruko Morooka, Kaoru Hanafusa, Tatsuya Ogino, Yoko Ohtsuka (Japan)

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

O-219 Quantitative diagnosis of cerebral oxygen regulation using near-infrared spectroscopy

Kayoko Yoshino*, Toshinori Kato (Japan)

**Graduate School of Media and Governance, Keio University, Kanagawa, Japan / Department of Brain Environmental Research, KATOBRAIN Co., Ltd. Tokyo, Japan*

- O-220 Patterns of medication use among children with autism and other pervasive developmental disorders
Yukari Endo*, Eiji Nakagawa, Takashi Enokizono, Shigehiro Nagai, Yuko Matsuda, Takashi Saitou, Yoshiaki Saitou, Hirohumi Komaki, Kenji Sugai, Masayuki Sasaki, Akira Yasumura, Masumi Inagaki (Japan)
**Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan*
- O-221 Medication usage, side effects in children with autism and other pervasive developmental disorders
Shigehiro Nagai*, Eiji Nakagawa, Takashi Enokizono, Yukari Endo, Yuko Matsuda, Takashi Saitou, Yoshiaki Saitou, Hirohumi Komaki, Kenji Sugai, Masayuki Sasaki, Akira Yasumura, Masumi Inagaki (Japan)
**Department of Child Neurology, National Center Hospital of Neurology and Psychiatry, Tokyo, Japan*
- O-222 Psychogenic reaction of children with somatic complaints
Yuri Narita*, Shin-Ichiro Hamano, Mai Kuroda, Motoyuki Minamitani, Manabu Tanaka, Kenjiro Kikuchi (Japan)
**Division of Psychology, Center for Child Health and Human Development, Saitama Children's Medical Center, Saitama, Japan*
- O-223 Study about psychiatric symptoms of PDD Cases in Tokyo Area after the 3.11 Earthquake
Junichi Furusho*, Tetsuji Kubagawa, Hiroshi Maruyama (Japan)
**College of Education, Psychology and Human Studies, Department of Education, Aoyamagakuin University, Tokyo, Japan / Department of Psychiatry, School of Medicine, Showa University, Tokyo, Japan*
- Oral Presentation: Epilepsy 7*
- O-224 Long-term developmental outcome after hemispherotomy for hemimegalencephaly during infants
Ryoko Honda*, Kenji Sugai, Eiji Nakagawa, Hirofumi Komaki, Yoshiaki Saito, Takashi Saito, Akio Takahashi, Taisuke Otsuki, Masayuki Sasaki (Japan)
**The Department of Child Neurology, National Center Hospital of Neurology and Psychiatry, Tokyo, Japan*
- O-225 Successful hemispherotomy for epilepsy with cerebral hemiatrophy and contralateral EEG findings
Rumiko Takayama*, Katsumi Imai, Akira Sudo, Hideaki Shiraiishi, Koichi Minami, Tomoshiro Ito, Ichiro Kuki, Mari Akiyama, Yukiko Mogami, Tomoyuki Akiyama, Hiroko Ikeda, Hideo Shigematsu, Kouichi Baba, Yukitoshi Takahashi, Yushi Inoue (Japan)
**Natiola epilepsy center shizuoka institute of epilepsy and neurological disorders, Shizuoka, Japan*
- O-226 Two pediatric patients with small-size hypothalamic hamartoma
Tsukasa Ohashi*, Yu Kobayashi, Noriyuki Akasaka, Jun Toyama (Japan)
**Department of Pediatrics, Nishi-Niigata Chuo National Hospital, Niigata, Japan*
- O-227 The outcome of 34 Vagus Nerve Stimulation Therapies (VNS) since its introduction
Ayataka Fujimoto*, Takuya Yokota, Hideo Enoki, Sayoko Kawabata, Shigenori Ishihara, Takamichi Yamamoto (Japan)
**Seirei Hamamatsu General Hospital, Comprehensive Epilepsy Center, Shizuoka, Japan*
- O-228 Surgical treatment of mesial temporal lobe epilepsy-evaluation of clinical course in 6 cases
Kazue Kimura*, Yukiko Isono, Yuri Nag, Kei Hachimori, Yoshiko Nomura, Masaya Segawa (Japan)
**Segawa Neurological Clinic for Children, Tokyo, Japan*
- O-229 Effective example of gamma-globulin in West Syndrome and serum and cerebrospinal fluid examination
Ryuki Matsuura*, Shin-Ichiro Hamano, Kotoko Sugaya, Kenjiro Kikuchi, Manabu Tanaka, Motoyuki Minamitani, Hiroyuki Ida (Japan)
**Division of Neurology, Saitama Children's Medical Center, Saitama, Japan / Division of Pediatrics, The Jikei University School of Medicine, Tokyo, Japan*
- Oral Presentation: Epilepsy 8*
- O-230 Screening of ADHD in outpatients clinic for epilepsy
Takuya Tanabe*, Mitsuru Kashiwagi, Shuichi Shimakawa, Eiji Wakamiya, Hiroshi Tamai (Japan)
**Department of Pediatric Neurology, Tanabe-Kadobayasi Children's clinic, Osaka, Japan*
- O-231 Epilepsy in children with mental retardation
Mieko Yoshioka*, Masako Isaka (Japan)
**Department of Pediatric Neurology, Kobe City Pediatric and General Rehabilitation Center for the Challenged, Hyogo, Japan*
- O-232 Neuropsychological profile of children with cryptogenic localization-related epilepsy in DN-CAS
Mitsuru Kashiwagi*, Takuya Tanabe, Suuichi Shimakawa, Shohei Nomura, Miho Fukui, Sousuke Yoshiwaka, Ryohei Miyamoto, Kouji Azumakawa, Eiji Wakamiya, Hiroshi Tamai (Japan)
**Department of Pediatrics, Hirakata City Hospital, Osaka, Japan*
- O-233 Altered distribution of parvalbumin-immunoreactive neurons in experimental polymicrogyria
Tomoyuki Takano*, Fukiko Ryujin, Seiichirou Yoshioka, Chihiro Sawai, Yuuko Sakaue, Yoshihiro Takeuchi (Japan)
**Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan*
- O-234 Analysis of four cases with intractable epilepsy after limbic encephalitis
Tetsuhiro Fukuyama*, Etsuko Yamazaki, Ichirou Kuki, Hiroka Takahashi, Rumiko Takayama, Hideyuki Otani, Tomoyuki Akiyama, Hiroko Ikeda, Katsumi Imai, Hideo Shigematsu, Hidemoto Kubota, Yukitoshi Takahashi, Yushi Inoue (Japan)
**Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan*
- O-235 Prognostic factors of status epilepticus-associated brain injury
Yoshihiro Maegaki*, Masami Togawa, Akiko Kondou, Kousaku Ohno, Kazuko Kishi, Hitoshi Sejima, Mitsuo Toyoshima, Kouyou Ohno (Japan)
**Division of Child Neurology, Faculty of Medicine, Tottori University, Tottori, Japan*

Oral Presentation: Electrophysiology / Genetics 1

O-236 Complex neurocristopathy PCWH: construction of Tg mouse as a disease model

Ken Inoue*, Yu-Ichi Goto (Japan)

*Dept. Mental Retardation and Birth Defect Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

O-237 A girl with epileptic encephalopathy associated with forced normalization after taking levetiracetam

Takahiro Kikuchi*, Nobuya Takahashi, Kazuyuki Nakamura, Mitsuhiro Kato, Kiyoshi Hayasaka (Japan)

*Pediatrics, Yamagata University School of Medicine, Yamagata, Japan

O-238 Detection of high-frequencies from suppression-burst EEG pattern in epileptic encephalopathy

Yoshihiro Toda*, Yumiko Hayashi, Takushi Inoue, Makio Oka, Fumika Endoh, Katsuhiko Kobayashi, Harumi Yoshinaga, Yoko Ohtsuka (Japan)

*Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences and Okayama University Hospital, Okayama, Japan

O-239 Event-related oscillations to face recognition in children with autism spectrum disorders

Kotoe Sakihara*, Atsuko Gunji, Yuki Inoue, Yosuke Kita, Makiko Kaga, Masumi Inagaki (Japan)

*Department of Developmental Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan

O-240 Prader-Willi syndrome model mice with abnormal PWS-IC methylation

Tatsuya Kishino* (Japan)

*Division of Functional Genomics, Center for Frontier Science, Nagasaki University, Nagasaki, Japan

O-241 Hydrocephalus with Hirschsprung Disease: Severe End of X-linked Hydrocephalus Spectrum

Toshiki Takenouchi*, Sachiko Shimozato, Mami Yamasaki, Rika Kosaki, Kenjiro Kosaki, Takao Takahashi (Japan)

*Department of Pediatrics, Keio University School of Medicine, Tokyo, Japan

Oral Presentation: Tumor / Neurosurgery

O-242 The neuro-endocrinological complications in patients with low-grade brain tumors

So-Ichi Suenobu*, Tomoko Okamoto, Tatsuo Kakiuchi, Kensuke Akiyoshi, Tatsuro Izumi (Japan)

*Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Yufu, Oita, Japan

O-243 Characterization of the early-onset neurofibromatosis type 2 using the specified disease registry

Muneaki Matsuo* (Japan)

*Department of Pediatrics, Saga University, Faculty of Medicine, Saga, Japan

O-244 Natural independence on ventriculoperitoneal shunt implanted at childhood

Yasuhiro Matsusaka*, Hiroaki Sakamoto (Japan)

*Department of pediatric neurosurgery Osaka City General Hospital, Osaka, Japan

O-245 A Pediatric Case of Atlantoaxial Rotatory Fixation after inverted pendular suspension

Fumie Isshiki*, Toshiki Takenouchi, Tutomu Kamimaki, Takao Takahashi (Japan)

*Shizuoka city Simizu hospital, Shizuoka, Japan

O-246 Discussion about developmental disorders in children of head or neck trauma

Goro Kondo* (Japan)

*The Department of Neurosurgery, Toyohashi Municipal Hospital, Aichi, Japan

Oral Presentation: Genetics 2

O-247 Clinical usage of chromosomal microarray for 700 patients with neurological disorders

Toshiyuki Yamamoto*, Keiko Shimojima, Shino Shimada, Yoshihiro Maegaki, Akihisa Okumura, Katsumi Imai, Nobuhiko Okamoto (Japan)

*Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

O-248 Practice of cytogenetic micro-array CGH in children's hospital

Kenji Kurosawa*, Makiko Tominaga, Takahito Wada, Kiyoko Sameshima, Aki Ishikawa, Ryouko Takano, Mizue Iai, Hitoshi Osaka, Sumimasa Yamashita (Japan)

*Division of Medical Genetics, Kanagawa Children's Medical Center, Kanagawa, Japan

O-249 The study of diagnosis and treatment for Fragile X syndrome and related disorders in Japan

Kaori Adachi*, Hideo Sugie, Yuichi Goto, Tsukasa Sasaki, Kousaku Ohno, Eiji Nanba (Japan)

*Division of Functional Genomics, Research Center for Bioscience and Technology, Tottori University, Tottori, Japan / Division of Child Neurology, Faculty of Medicine, Tottori University, Tottori, Japan

O-250 A case of dyschromatosis symmetrica hereditaria associated with regress and aplasia of dental root

Fumihiko Matsumoto, Toshiyuki Mano, Tae Ikeda, Ikuko Hirata, Keiko Yanagihara, Yasuhisa Toribe*, Yasuhiro Suzuki (Japan)

*Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan

O-251 A case of 2-month-old incontinentia pigmenti patient with encephalopathy-like attack

Noriko Matsuda*, Tsutomu Takahashi, Tatsuhiko Shike (Japan)

*Saiseikai Utsunomiya Hospital, Tochigi, Japan

- O-252 A family of X-linked incomplete dominant spastic paraplegia caused by partial deletions in PLP1 gene
Mayumi Matsufuji*, Noriko Nakamura, Yuko Tomonou, Takahito Inoue, Ken Inoue, Hitoshi Osaka, Kenji Kurosawa, Hidetsuna Ustunomiya, Sachio Takashima (Japan)
**Department of Pediatrics, Yanagawa Institute for Developmental Disabilities, Fukuoka, Japan*
- O-253 RNF213 gene contributes to susceptibility to moyamoya disease in Japanese: replication study
Yoshito Ishizaki*, Hiroyuki Torisu, Yasunari Sakai, Masafumi Sanefuji, Yui Yamaguchi, Toshiro Hara (Japan)
**Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*
- Poster Presentation: Epilepsy, Seizure 1*
- P-001 Favorable outcome of corpus callosotomy in an infantile patient with subcortical band heterotopia
Yoshiyuki Kobayashi*, Yuji Fujii, Nobutsune Ishikawa (Japan)
**Department of Pediatrics, Hiroshima University Graduate School of Biomedical Sciences, Hiroshima, Japan*
- P-002 Efficacy of stiripentol in a mouse model of severe myoclonic epilepsy in infancy
Hideyuki Ohtani*, Dezhi Cao, Ikuo Ogiwara, Sanae Ohtani, Yukitoshi Takahashi, Kazuhiro Yamakawa, Yushi Inoue (Japan)
**National Epilepsy Center Shizuoka Institute of Epilepsy and Neurological Disorder, Shizuoka Japan*
- P-003 A girl with late-onset spasms
Yumiko Ikegami*, Yohane Miyata, Motoko Asakura, Makiko Shimazaki, Yumiko Komatsu, Yukiko Nakamura, Akira Oka (Japan)
**The Department of Pediatrics, Kyorin University, Tokyo, Japan*
- P-004 Treatment-resistant epilepsy associated with an 15q partial tetrasomy syndrome from 3 cases
Yoshiko Hirano*, Hirokazu Oguni, Shigeru Nagaki, Kayoko Saito, Makiko Osawa (Japan)
**Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan*
- P-005 A case with recurrent asystole due to breath-holding spells: successful treatment with levetiracetam
Satoshi Sakaue*, Tomohiro Chiyonobu, Takashi Morita, Masaharu Moroto, Michiko Yoshida, Shigemi Morioka, Sachiko Tokuda, Akira Nishimura, Masafumi Morimoto (Japan)
**Department of Pediatrics, Kyoto Prefectural University of Medicine, Kyoto, Japan*
- P-006 Two surgical cases of sleep-related hyperkinetic seizure originated from temporal lobe
Kentaro Tamura*, Seiichiro Yoshioka (Japan)
**The Department of Neurosurgery, Nara Medical University, Nara, Japan*
- P-007 4 cases of partial epilepsy which interictal EEG change to Rolandic wave in progress
Takashi Ohya*, Ikuhiko Shibuya, Shinichiro Nagamitsu, Yushiro Yamashita, Toyojiro Matsuishi (Japan)
**The Department of Pediatrics and Child Health Kurume University School of Medicine, Fukuoka, Japan*
- P-008 An infant of refractory epilepsy with large hemispheric abnormal structure undergone surgicaltherapy
Yukako Ise*, Seiichiro Yoshioka, Hukiko Ryujin, Yuko Sakaue, Tomoyuki Takano, Yoshihiro Takeuchi, Kentaro Tamura, Takahumi Sakakibara (Japan)
**Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan*
- P-009 Epilepsy clinic at the municipal hospital
Mutsumi Sato*, Yoshihiro Watanabe, Mayu Ohtsu, Saoko Takeshita, Sumio Kai (Japan)
**The Department of Pediatrics, Saiseikai Yokohamashi-nambu Hospital, Kanagawa, Japan*
- P-010 Will soluble vitamins be deficient during ketogenic diet therapy in children?
Ikuko Hiejima*, Tomohiro Kumada, Katumi Shibata, Tutomu Hukuwatari, Mitue Sano, Anri Hayashi, Humihito Nozaki, Keiko Saitou, Tomoko Miyajima, Tatuya Hujii (Japan)
**Shiga Medical Center for Children, Shiga, Japan*
- P-011 Benign complex partial seizure in infancy beginning with apnea and diagnosed by ictal EEG
Makiko Iguchi*, Toshiro Maihara, Takako Matsumoto, Chizuru Kawakatsu (Japan)
**Department of pediatrics, Hospital of Hyougo prefecture, Hyougo, Japan*
- P-012 Marked acidosis after non-convulsive status epilepticus
Yuri Sakaguchi*, Tomohide Goto, Makoto Anzo, Takao Takahashi (Japan)
**Kawasaki Hospital of Kawasaki City, Kanagawa, Japan*
- P-013 The clinical characteristics and their long term prognosis in patients with hemimegalencephaly
Yumi Shimada*, Kazuo Okanari, Tatsuro Izumi (Japan)
**The Department of Pediatrics, Oita University Faculty of Medicine, Oita, Japan*
- P-014 The management and characteristics of polycystic ovary syndrome in epileptic women taking valproate
Kimio Minagawa*, Toshihide Watanabe, Reiki Oyanagi (Japan)
**Department of Pediatric Neurology, Hokkaido Medical Center for Child Health and Rehabilitation, Hokkaido, Japan*
- P-015 A case of infantile cavernous hemangioma with status epilepticus
Yuko Okawa*, Goro Shirotani, Shinya Ninomiya, Yukiko Ihara, Hiroshi Ideguchi, Sawa Yasumoto, Shinichi Hirose (Japan)
**The Department of Pediatrics, Fukuoka University, Fukuoka, Japan*
- P-016 EEG features of patients with 18 trisomy syndrome
Keisuke Ueda*, Tomohide Goto, Sunao Tomita, Sahoko Miyama (Japan)
**Division of Neurology, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan*

- P-017 Transient pure red cell aplasia associated with lamotrigine
Hiroaki Kakinuma*, Miki Nakamura (Japan)
**Chiba City Sakuragi-en Institute, Chiba, Japan*
- P-018 The early clinical effects of LEVETIRACETAM in patients with intractable epilepsies
Toshiaki Hashimoto*, Seiji Shimakawa, Shigeaki Hamada, Masahito Morimoto (Japan)
**Japanese Red Cross Tokushima Hinomine Rehabilitation Center for People with Disabilities, Tokushima, Japan*
- P-019 Study of Clinical Characteristics for West Syndrome Complicated with Down syndrome
Aiko Nishikawa*, Hirokazu Oguni, Yoshiko Hirano, Takayuki Kishi, Mutsuki Shioda, Keiko Ishigaki, Yasushi Ito, Kaoru Imai, Makoto Funatsuka, Shigeru Nagaki, Makiko Osawa (Japan)
**The Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan*
- P-020 Clinical investigation of benign infantile convulsions associated with mild gastroenteritis
Keiji Soebijanto*, Pinffi Chong, Yuji Tachioka, Reina Ogata, Kenjiro Gondoh (Japan)
**Department of pediatric neurology, Fukuoka Children Hospital, Fukuoka, Japan*
- P-021 1-year-old boy with CDKL5 mutations, repeated intractable seizures since neonatal period
Kayano Igarashi*, Akira Sasaki, Mayumi Kajinjo, Masaru Shirai, Jyunichi Oki, Akiko Furuya, Daisuke Usui, Katsumi Imai (Japan)
**Department of Pediatrics, Asahikawa Kosei Hospital, Hokkaido, Japan / Department of Pediatrics, Asahikawa Medical University, Hokkaido, Japan / National Epilepsy Center Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan*
- P-022 Retrospective study of breath-holding spell
Reina Ogata*, Pinffi Chong, Yuji Tachioka, Keiji Soebijanto, Kenjiro Gondoh (Japan)
**Department of pediatric neurology, Fukuoka children's hospital, Fukuoka, Japan*
- P-023 A 12 year-old boy with long QT syndrome who had epilepsy that was well controlled by valproic acid
Hajime Ikehara*, Keiko Okumura, Tomohiko Tsuru (Japan)
**Matsudo City Hospital Children's Centre, Matsudo City, Chiba, Japan*
- P-024 Diffuse spike-wave bursts in frontal lobe epilepsy
Hiroyuki Nigami*, Aya Iwata (Japan)
**Department of Pediatrics, Nishi-Kobe Medical Center, Hyogo, Japan*
- P-025 A case with Sturge Weber syndrome who presented a great change of EEG and seizure types
Toshihide Watanabe*, Reiki Oyanagi, Kimio Minagawa (Japan)
**Department of Pediatric Neurology, Hokkaido Medical Center for Child Health and Rehabilitation, Sapporo, Japan*
- P-026 Study of surgery for intractable epilepsy in children
Ikuhio Shibuya*, Takash Ohya, Shinichiro Ngamitsu, Yushiro Yamashita, Toyojiro Matuishi (Japan)
**The Department of Child and health of Internal Medicine, University of Kurume, Fukuoka, Japan*
- P-027 A Family case of GLUT-1 deficiency syndrome sharing the same mutation but different phenotype
Yasushi Ito*, Yoshiko Hirano, Hirokazu Oguni, Masumi Sahara, Satoru Takahashi, Makiko Osawa (Japan)
**Department of Pediatrics, School of Medicine, Tokyo Women's Medical University, Tokyo, Japan*
- P-028 One-year experience of Levetiracetam-About the effectiveness for epilepsies with CSWS on EEG-
Masanori Namba*, Tomoko Nishida, Mayumi Yamamoto, Sonoko Ijichi, Yukihiko Konishi, Susumu Ito (Japan)
**Kagawa General Rehabilitation Hospital, Kagawa, Japan*
- P-029 Efficacy of Levetiracetam for The Dravet syndrome : Report of Two Cases
Yuko Hirata*, Shinichiro Hamano, Tomotaka Oritsu, Ryuki Matsuura, Hiroyuki Ida (Japan)
**Department of Pediatrics, The Jikei University School of Medicine, Tokyo, Japan*
- P-030 Renal failure induced by combined ACTH and ZNS treatment in a patient with intractable epilepsy
Wakako Ishii*, Makio Oka, Yoshihiro Tohda, Youko Ohtsuka (Japan)
**Okayama university hospital, Tokyo, Japan*
- P-031 Drug eruption after high dose and maintenance phenobarbital therapy for status epilepticus
Taro Kitamura*, Toshiyuki Nishio, Masaru Takayanagi, Katsuya Yamamoto, Toshihiro Ohura (Japan)
**Sendai City Hospital, Miyagi, Japan*
- P-032 Effectiveness of levetiracetam in migrating partial seizures of infancy (MPSI)
Yoshimichi Hirayama*, Masaharu Ohfu (Japan)
**Pediatrics, Naha city hospital, Okinawa, Japan*
- P-033 Clinical feature of psychogenic non-epileptic seizure in symptomatic epilepsy patients
Takeshi Okinaga*, Michiko Shinpo, Sayaka Nakano, Junji Azuma, Yoshiko Iwatani, Shihoko Kimura, Koji Tominaga, Kuriko Shimono, Toshisaburo Nagai, Keiichi Ozono (Japan)
**Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan*
- Poster Presentation: Developmental Disorder / General / Development*
- P-034 Overexpression of hematopoietic prostaglandin D synthase in the frontal lobe of autism
Masaya Tachibana*, Ikuko Mohri, Kuriko Shimono, Keiichi Ozono, Masako Taniike (Japan)
**Department of Pediatrics, Osaka University, Suita, Japan / Molecular Research Center for Children's Mental Development, Osaka University, Osaka, Japan*

- P-035 Clinical features and developmental outcome of long-term survivors of campomelic syndrome
Kaori Irahara*, Hiroshi Ozawa, Kaori Sasaki, Ushio Otaki, Takehiro Ishizuka, Kiyoshi Amimoto, Satoshi Kimiya (Japan)
**The Department of Pediatrics, Shimada ryoiku center, Tokyo, Japan*
- P-036 The diagnosis of the school aged children who had language delay in their early childhood
Naomi Mitsuda*, Takatoshi Hosokawa, Hiroaki Hisakawa, Mikiya Fujieda, Hiroshi Wakiguchi (Japan)
**The Department of Pediatrics, Kochi Medical School, Kochi, Japan*
- P-037 Cognitive imbalance among adaptation to novelty, breaking stereotypes and typical actions in autism
Keisuke Wakusawa*, Hiroyuki Yokoyama, Chieko Nara, Yuki Kubota, Shigeo Kure, Yayoi Tomizawa, Mieko Hirose (Japan)
**Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Sendai, Japan / Department of Functional Brain Imaging, Institute of Development, Aging and Cancer, Tohoku University, Miyagi, Japan*
- P-038 A study for developmental disorders and Fe metabolism
Yoshitaka Iwadare* (Japan)
**Kohnodai Hospital, National Center for Global Health and Medicine, Chiba, Japan*
- P-039 Analysis of factors related to social functioning in school students with high-functioning PDD.
Keitaro Sueda*, Toru Yamazaki (Japan)
**Shizuoka Children's Hospital, Shizuoka, Japan*
- P-040 The autistic behavior related to child maltreatment
Yuki Kubota*, Chieko Nara, Naomi Hukuyo, Mitsugu Uematsu, Keisuke Wakusawa, Hiroyuki Yokoyama, Shigeo Kure (Japan)
**Department of Pediatrics, Tohoku University School of Medicine, Miyagi, Japan*
- P-041 Predicting outcomes of term neonates with profound asphyxia
Akiko Takeshita*, Kyoko Hirasawa, Satoshi Kusuda, Makiko Osawa (Japan)
**Department of Pediatrics, Tokyo Women's medical university, Tokyo, Japan / Maternal and Perinatal Center, Tokyo Women's Medical University, Tokyo, Japan*
- P-042 Examination about the developmental disorder in school absenteeism
Nao Suzuki*, Akie Okayama, Naoya Matsumoto, Akiko Araki, Satoru Takahashi, Hiroshi Azuma (Japan)
**The Department of Pediatrics, Asahikawa Medical University, Hokkaido, Japan*
- P-043 The retrospective analysis of patients with AD/HD at Tottori University
Yuko Nakamura*, Risa Matsuo, Kentaro Shirai, Akiko Kondo, Yoshihiro Maegaki, Kousaku Ohno (Japan)
**The Division of Child Neurology, Faculty of Medicine, Tottori University, Tottori, Japan / Tottori Prefectural Hospital Tottori Japan*
- P-044 Neurological prognosis after liver transplantation for biliary atresia with intracranial hemorrhage
Hiroshi Terashima*, Aki Ando, Sayaka Ota, Hirohumi Kashii, Masaya Kubota, Mureo Kasahara (Japan)
**Division of Neurology, National Center for Child Health and Development, Tokyo, Japan*
- P-045 Low dose L-dopa and SST improved communication skill in Autistic children, seven-old female
Sachiyo Arai*, Kyoko Hoshino (Japan)
**Counseling Room, National Hospital Organization Minami Wakayama medical center, Wakayama, Japan*
- P-046 Two cases of autism spectrum disorder which was associated with Chiari I malformation
Hironori Matsufuji*, Hiroshi Isumi, Naoko Ishikawa, Yoshitsugu Sugio (Japan)
**Tsudumigaura Handicapped Children's Hospital, Yamaguchi, Japan / Hikari Municipal Hikari General Hospital, Yamaguchi, Japan*
- P-047 Surveillance study on children with special needs in nursery schools
Taro Ohtoshi*, Satoshi Takada (Japan)
**Department of Health Science, Kansai University of Welfare Sciences, Osaka, Japan*
- P-048 Aripiprazol in the treatment of irritability in children and adolescents with PDD
Michio Hiratani*, Chiho Yatsuga, Makoto Ishitobi, Masao Kawatani, Akemi Tomoda (Japan)
**Hiratani Child Developmental Clinic, Fukui, Japan*
- P-049 Medication switch to aripiprazol in the treatment of children and adolescents with PDD
Chiho Yatsuga*, Michio Hiratani, Makoto Ishitobi, Masao Kawatani, Akemi Tomoda (Japan)
**University of Fukui, Child Developmental Research Center, Fukui, Japan*
- P-050 A case of pervasive developmental disorders increased aggression with atomoxetine
Kasumi Nagasawa* (Japan)
**Division of Pediatric Neurology, Chiba Rehabilitation Center, Chiba, Japan*
- P-051 The effect of Bio-Active Therapy (BAT) to autism
Hiroki Takahashi*, Michio Tani (Japan)
**Tani clinic, Tokyo, Japan*
- P-052 Present medication in patients with development disorder in Shiga Hospital
Shie Akabori*, Masayuki Tanaka (Japan)
**National Hospital Organization Shiga Hospital, Shiga, Japan*
- P-053 A study of 34 cases of AD/HD in Japan, switched from Long-acting methylphenidate to Atomoxetine
Chieko Nara*, Hiroyuki Yokoyama, Yuki Kubota, Keisuke Wakusawa, Mitugu Uematsu, Shigeo Kure (Japan)
**Department of Pediatrics, Tohoku University School of Medicine, Miyagi, Japan*

- P-054 Short-term efficacy and safety of aripiprazole for children with autism spectrum disorder
Takanori Kamimura* (Japan)
**Department of Pediatrics, Joetsu General Hospital, Niigata, Japan*
- P-055 Psychological reaction to Japan earthquake 2011 in children with developmental disorders in Tokyo
Yukiko Nakamura*, Makiko Shimazaki, Yohane Miyata, Yumiko Komatsu, Mami Miwa, Akira Oka (Japan)
**Department of Pediatrics, University of Kyorin, Tokyo, Japan*
- P-056 Disability Test for 5-Year Olds Assessing Child Characteristics and Parent-Child Relationship
Miyuki Ushida* (Japan)
**Kagawa National Children's Hospital, Kagawa, Japan*
- P-057 Evaluation of Coordination of Boys with High-functioning PDD, using Japanese version of DCDQ
Taishi Miyachi*, Akio Nakai (Japan)
**Nagoya Akebono Gakuen, Aichi, Japan*
- P-058 Comparison of visual predominance between bilateral deaf and PDD using WISC III profile analysis
Masako Isaka*, Mieko Yoshioka (Japan)
**Kobe City Pediatric and General Rehabilitation Center for the Challenged, Hyogo, Japan*
- P-059 The retrospective analysis of patients with AD/HD at Tottori University(1)
Risa Matsuo*, Yuuko Nakamura, Kentarou Sirai, Akiko Kondou, Masahiko Inoue, Yoshihiro Maegaki, Kousaku Ohno (Japan)
**Graduate School of Medical sciences, Tottori University, Tottori, Japan / Division of Child Neurology, Faculty of Medicine, Tottori University, Tottori, Japan*
- P-060 Effect of atomoxetine, methylphenidate, risperidone for epilepsy patient with developmental disorder
Teruhiko Suzuki*, Yuusaku Endo (Japan)
**Hamamatsu City Medical Center for Developmental Medicine, Department of Pediatric Neurology, Shizuoka, Japan*
- P-061 Effectiveness of low dose of L-dopa (0.5mg/kg) for verbal function in Autism and/or ADHD children
Kyoko Hoshino* (Japan)
**The department of Pediatrics, Minami Wakayama Medical Center, Wakayama, Japan*
- P-062 Retrospective Analysis of Clinical Course of AD/HD Patients at Preschool Age
Masayuki Imaeda*, Yoshimi Funahashi, Taishi Miyachi, Shinji Saitoh, (Japan)
**Treatment and Education Center, Northern Region, Saitoh, Aichi, Japan / Department of Pediatrics, Nagoya City University Graduate School of Medicine, Aichi, Japan*
- P-063 An AD/HD case who had an epileptic seizure with ventricular bigeminy induced by methylphenidate
Yuji Takizawa*, Osamu Kobayashi (Japan)
**Department of Pediatrics, National Hospital Organization Nishisaitama-Chuo National Hospital, Saitama, Japan*
- P-064 A rat with P/Q type voltage-gated calcium channel dysfunction shows neurodevelopmental disorders
Mamoru Ouchida*, Iori Ohmori (Japan)
**Department of Molecular Genetics, Graduate School of Medicine, Dentistry and Pharmaceutical Science, Okayama University, Okayama, Japan*
- P-065 Prefrontal hemodynamic changes in response to a CPT in ADHD measured by NIRS, Atomoxetine effects
Akiko Araki*, Masanaga Ikegami, Akie Okayama, Nao Suzuki, Naoya Matsumoto, Satoru Takahashi, Hiroshi Azuma, Masaharu Takahashi (Japan)
**Department of Pediatrics, Asahikawa Medical University, Hokkaido, Japan*
- Poster Presentation: Acute Encephalitis / Encephalopathy*
- P-066 EHEC encephalopathy with bilateral symmetric deep gray matter lesions
Hiroyasu Nakagawa*, Shinichi Yagi, Masashi Mizuguchi (Japan)
**Department of Pediatrics, Toyama City Hospital, Toyama, Japan*
- P-067 A case of autoimmune limbic encephalitis successfully treated with plasma exchange therapy
Hiroyuki Uchiyama*, Teruhiko Suzuki, Tomoko Matsubayashi, Kouichi Hirano, Yukitoshi Takahashi (Japan)
**Department of Pediatrics, Hamamatsu University School of Medicine, Shizuoka, Japan*
- P-068 Biomarkers in the CSF of children with acute encephalitis and encephalopathy
Reiko Koichihara*, Shinichiro Hamano, Manabu Tanaka, Kenjiro Kikuchi, Takaki Atsura, Kotoko Sugaya, Motoyuki Minamitani (Japan)
**Saitama Children's Medical Center Division of Neurology Saitama, Japan / Chichibu Municipal Hospital Division of Pediatrics, Saitama, Japan*
- P-069 A case of Hypoglycemic encephalopathy associated with antibiotics in a long-term treatment
Madoka Kajimoto*, Takeshi Matsushige, Kenji Yamada, Seiji Yamaguchi, Takashi Ichiyama (Japan)
**The Department of Pediatrics, Yamaguchi University of Medicine, Yamaguchi, Japan*
- P-070 A case of hemophagocytic lymphohistiocytosis in the course of anti-NMDA receptor encephalitis
Yuji Hashimoto*, Toshihiro Suzuki, Satoshi Anzai, Yukitoshi Takahashi (Japan)
**Department of Pediatrics, Chiba Kaihin Municipal Hospital, Chiba, Japan*
- P-071 A CPA case plausibly caused by central nervous system involvement with Adenovirus type 3 infection
Noriko Nishikura*, Seiichiro Yoshioka, Naoshi Kawashima (Japan)
**Saiseikai Shiga Hospital, Shiga, Japan*

- P-072 Clinical study of six cases of posterior reversible encephalopathy syndrome
Hidehiko Ogushi*, Muneaki Matsuo (Japan)
**Department of Pediatrics, Saga University, Faculty of Medicine, Saga, Japan*
- P-073 The clinical features of 3 patients with non-herpetic acute limbic encephalitis
Nanako Uno*, Tatsuharu Sato, Daishi Inoue, Mio Yoshimura, Akiko Fujii, Kunio Hashimoto, Mitsuhiro Matsuo, Yukitoshi Takahashi, Hiroyuki Moriuchi (Japan)
**The Department of Pediatrics, Nagasaki University Hospital, Nagasaki, Japan / The Department of Pediatrics, Sasebo General Hospital, Nagasaki, Japan*
- P-074 A case of two-year-olds boy with Anti-NMDA-Receptor Encephalitis proven by Immunohistochemical Study
Yoko Sakaguchi*, Tetsuo Kubota, Tatsuya Hukazawa, Tamiko Negoro, Masaharu Hayashi (Japan)
**Department of Pediatrics, Anjo Kosei Hospital, Aichi, Japan*
- P-075 A patient with Epstein-Barr virus encephalitis who took an abrupt clinical course
Mio Yoshimura*, Tatsuharu Sato, Daishi Inoue, Nanako Uno, Akiko Fujii, Kunio Hashimoto, Hiroyuki Moriuchi (Japan)
**The Department of Pediatrics, Nagasaki University Hospital, Nagasaki, Japan / The Department of Pediatrics, Isahaya Health Insurance General Hospital, Nagasaki, Japan*
- P-076 A boy who suffered from acute encephalitis/encephalopathy three times in five years; a case report
Tomohiko Imai*, Hiroko Matsushita, Sozo Okano, Katsumi Hayakawa, Shoko Yoshida, Yukitoshi Takahashi (Japan)
**Department of pediatrics, Kyoto City Hospital, Kyoto, Japan*
- P-077 Kawasaki disease associated MERS:Pathological Insights from SPECT Findings
Tatsuharu Sato*, Nanako Uno, Daishi Inoue, Hiroyuki Moriuchi (Japan)
**The Department of Pediatrics, Nagasaki University Hospital, Nagasaki, Japan*
- P-078 A case of bilateral hydronephrosis and hydroureter complicated by hyperammonemic encephalopathy
Kouhei Haraguchi*, Tatsuharu Sato, Daishi Inoue, Hiroyuki Moriuchi (Japan)
**The Department of Pediatrics, Nagasaki University Hospital, Nagasaki, Japan / The Department of Pediatrics, Sasebo General Hospital, Nagasaki, Japan*
- P-079 Characteristic of epilepsy after acute encephalopathy
Shinpei Abe*, Akihisa Okumura, Ayuko Igarashi, Mariko Hosozawa, Yuri Kitamura, Mitsuru Ikeno, Masako Saito, Tomoyuki Nakazawa, Toshiaki Shimizu (Japan)
**The Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan*
- P-080 The case of limbic encephalitis distinguished from dissociative disorder
Daisuke Kurokawa*, Yuichi Takami, Hirofumi Ban, Yukitoshi Takahashi (Japan)
**Department of Pediatrics, Himeji Red Cross Hospital, Hyogo, Japan*
- P-081 A case of Kawasaki disease complicated with acute encephalopathy
Miori Sato*, Natsuko Oyake, Takayuki Naoi, Nobuko Moriyama (Japan)
**Hitachi, Ltd., Hitachinaka General Hospital, Ibaraki, Japan*
- P-082 A change of neuroradiologic findings in a female case with autoimmune encephalitis
Satoru Ikemoto*, Kenjiro Kikuchi, Kotoko Sugaya, Takaki Matsuura, Tomotaka Oritsu, Yukitoshi Takahashi, Shin-Ichiro Hamano, Hiroyuki Ida (Japan)
**Pediatric Department, The Jikei University of Medicine, Tokyo, Japan*
- P-083 A case of NHALE with effectiveness of phenobarbital against seizure and involuntary movement
Hisako Ishiwata*, Ami Cho, Hisamitsu Tamaki, Masahiro Ito, Yukitoshi Takahashi (Japan)
**The Department of Pediatrics, Tokyo Metropolitan Bokuto Hospital, Tokyo, Japan*
- P-084 Genetic background in Japanese patients with acute necrotizing encephalopathy
Ai Hoshino*, Makiko Saito, Mayu Shinohara, Masako Nagashima, Kenji Yoshida, Takeo Katou, Mitsuo Toyoshima, Soo-Young Lee, Masashi Mizuguchi (Japan)
**Department of Developmental Medical Sciences, Graduate School of Medicine, The University of Tokyo, Japan*
- P-085 Anti-NMDA-receptor encephalitis in a 2-year-old girl
Kanako Maruta*, Naoki Matsuo, Atsushi Imamura, Yukitoshi Takahashi (Japan)
**Gifu Prefectural General Medical Center, Gifu, Japan*
- P-086 Long-term efficacy of methylprednisolone puls and tacrolims therapy in 2 cases of Rasmussen syndrome
Junji Azuma*, Sayaka Nakano, Michiko Shinpo, Yoshiko Iwatani, Koji Tominaga, Shihoko Kimura, Kuriko Shimono, Toshisaburo Nagai, Keiichi Ozono (Japan)
**Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan*
- P-087 Two cases of acute encephalopathy with febrile convulsive status epilepticus showing hemiplegia
Hiroshi Shiraga* (Japan)
**National Hospital Organization Okayama Medical Center, Okayama, Japan*
- P-088 A case of anti-NMDA receptor encephalitis presenting with MRI findings in the subacute phase
Toshihiro Suzuki*, Yuji Hashimoto, Satoshi Anzai, Yukitoshi Takahashi (Japan)
**Department of Pediatrics, Chiba Kaihin Municipal Hospital, Chiba, Japan*

P-089 Mutations of the SCN1A gene in acute encephalopathy

Makiko Saitoh*, Mayu Shinohara, Hideki Hoshino, Masaya Kubota, Kaoru Amemiya, Jun-Ichi Takanashi, Su-Kyeong Hwang, Shinichi Hirose (Japan)

*Department of Developmental Medical Sciences, University of Tokyo, Tokyo, Japan

P-090 2 case of acute cerebellitis and encephalopathy associated with norovirus

Katsuhiko Yamaguchi*, Masaru Tatsuno, Kazuo Itahasi (Japan)

*The Pediatrics of Machida Municipal Hospital, Tokyo, Japan / Department of Pediatrics Showa University School of Medicine, Tokyo, Japan

P-091 A case of 13-year-old girl improving after one-year treatment for Anti-NMDA receptor encephalitis

Masao Adachi*, Shingo Onishi, Yoshinobu Oyazato, Atsushi Nishiyama (Japan)

*Department of Pediatrics, Kakogawa West-City Hospital, Hyogo, Japan

P-092 Clinical characteristic of exanthema subitum with central nervous complications

Kiyotaka Murakami* (Japan)

*Nakano Children's Hospital, Osaka, Japan

P-093 Guillain-Barre syndrome with reversible splenic and white matter lesion : A Case Report

Tae Ikeda*, Fumihiro Matsumoto, Ikuko Hirata, Yasuhisa Toribe, Keiko Yanagihara, Toshiyuki Mano, Yasuhiro Suzuki (Japan)

*Department of Pediatric Neurology, Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan

P-094 A case with anti-NMDAR encephalitis

Kaori Aiba*, Hironori Ohshita, Mari Sugimoto, Daisuke Kato, Norihisa Koyama, Kenji Yokochi (Japan)

*Toyohashi Municipal Hospital, Toyohashi, Aichi, Japan

P-095 A female case of NHALE: it was difficult to differentiate from Conversion Disorder

Keiko Kamayachi*, Noriko Sawaura, Yukitoshi Takahashi, Kouichi Arakawa (Japan)

*Gunma University Hospital, Gunma, Japan

P-096 The recovery process of brain higher function in a 6-year-old boy with AESD.

Ayaka Koide*, Tomohiro Arakuma, Tomohide Goto, Yuji Wada, Yuko Sakurai, Sunao Tomita, Sahoko Miyama (Japan)

*The division of Neurology, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan

P-097 A case of encephalopathy associated with varicella zoster virus infection

Hirimitsu Toshikawa*, Shuichi Shimakawa, Syohei Nomura, Miho Fukui, Mitsuru Kashiwagi, Takuya Tanabe, Hiroshi Tamai (Japan)

*Department of pediatrics, Osaka-hu Saiseikai Suita Hospital, Osaka, Japan

P-098 An atypical case of Bickerstaff's brainstem encephalitis

Hayato Sakurai*, Yuichi Abe, Hideo Yamanouchi (Japan)

*The Department of Pediatrics, Saitama Medical University, Saitama, Japan

Poster Presentation: Metabolic, Degenerative Disorder / Morphology, Pathology / Involuntary Movement, Basal Ganglia

P-099 A case of Molybdenum cofactor deficiency with novel mutation of MOCS2 gene

Tomohiro Arakuma*, Hirofumi Yoshihashi, Sahoko Miyama, Satoko Kumada, Yuuki Minami, Tetsuya Ito, Yoshihiko Shinohara, Kimiyoshi Ichida (Japan)

*Division of Neurology, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan

P-100 A 14-year-old boy with mitochondrial myopathy associated with m.3236AG mutation

Tomoko Okunushi*, Katsunori Fujii, Maiko Suyama, Hiromi Mizuochi, Hideki Uchikawa, Masato Mori, Akira Otake, Atsuko Takagi, Tadashi Shiohama, Yoichi Kohno (Japan)

*Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan / Department of Pediatrics, Saitama Medical University Hospital, Saitama, Japan

P-101 Three-year treatment with ERT of pediatric Fabry Disease patients in siblings

Daisuke Kato*, Norihisa Koyama (Japan)

*Toyohashi Municipal hospital, Pediatrics, Aichi, Japan

P-102 Two cases of Wernicke Encephalopathy due to excessive intake of electrolyte liquid

Akiyoshi Hiraki*, Masahiro Kikuchi (Japan)

*Department of Pediatrics, Hitachi General Hospital, Ibaraki, Japan

P-103 Molecular analysis of mild Pelizaeus-Merzbacher disease

Yurika Numata*, Keisuke Wakusawa, Mitugu Uematsu, Akira Onuma, Yuichi Goto, Ken Inoue (Japan)

*Dept. Mental Retardation & Birth Defect Research, National Institute of Neuroscience, NCNP, Tokyo, Japan / Department of Pediatrics Tohoku University School of Medicine, Miyagi, Japan

P-104 Two cases of hypophosphatasia which caught subclinical seizure by continual-video EEG monitoring

Yoshiyuki Watabe*, George Imataka, Ryota Kuribayashi, Osamu Arisaka (Japan)

*Dokkyo Medical University of Medicine, Tochigi, Japan

P-105 Postmortem pathological findings in a child with Pelizaeus-Merzbacher disease

Mika Nakazawa*, Akihisa Okumura, Mitsuru Ikeno, Toshiaki Shimizu, Yuki Imai, Keiko Shimojima, Toshiyuki Yamamoto, Shigeo Murayama, Masaharu Hayashi (Japan)

*Department of Pediatrics, Toshima Hospital, Tokyo, Japan / Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan

- P-106 Efficacy of Enzyme replacement therapy for Fabry disease in childhood
 Natsumi Isobe*, Yoshito Ishizaki, Hiroyuki Torisu, Masafumi Sanefuji, Toshiro Hara (Japan)
 *Department of Pediatrics, Graduate school of medical sciences, Kyushu university, Fukuoka, Japan
- P-107 NPPV was effective for respiratory failure in patient with PMD caused PLP1 gene novel mutation
 Shuji Matsui*, Yukiko Nanba, Yasuko Nasu, Mitsunobu Matsuda, Michiko Makino, Keiko Wada, Keiko Akahoshi, Toshihide Shiki, Masuko Funahashi, Yasuyuki Suzuki, Hitoshi Osaka (Japan)
 *The Tokyo Children rehabilitation's hospital, Tokyo, Japan
- P-108 Progressive osteoerosion in a patient with Acid Ceramidase deficiency
 Chihiro Yonee*, Mitsu Toyoshima, Yusuke Hamada, Norio Sakai, Yoshifumi Kawano (Japan)
 *Department of Pediatrics, Kagoshima University, Kagoshima, Japan
- P-109 Two cases of glucose transporter type 1 deficiency syndrome with refractory atypical absence seizure
 Michiko Shinpou*, Sayaka Nakano, Junji Azuma, Yoshiko Iwatani, Kouji Tominaga, Shihoko Kimura, Kuriko Shimono, Takeshi Okinaga, Toshisaburo Nagai, Keiichi Ozono (Japan)
 *Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan
- P-110 The first case of GTP cyclohydrolase 1 deficiency with hyperphenylalaninemia in J apan
 Wakaba Endo*, Mitsugu Uematsu, Tomoko Kobayashi, Tojo Nakayama, Osamu Sakamoto, Shigeo Kure (Japan)
 *Department of Pediatrics, Tohoku University Hospital, Miyagi, Japan
- P-111 Efficacy and safety of very-low-dose betamethasone therapy in ataxia telangiectasia-A case report-
 Setsuko Kaneko*, Satoko Kumada, Keisuke Nakajima, Mamiko Hotate, Emi Kasai, Yuuji Sugawara, Takeshi Hasegawa, Masaharu Hayashi (Japan)
 *Department of Pediatrics, Tokyo Medical and Dental University, Tokyo, Japan
- P-112 A pediatric case of neurosarcoidosis
 Naoko Yoshihara*, Takahito Wada, Mituko Okuda, Kyouko Takano, Mizue Iai, Sumimasa Yamashita, Noriko Aida, Susumu Itou, Hitoshi Osaka (Japan)
 *Division of pediatric neurology, Kanagawa Children's Medical Center, Kanagawa, Japan
- P-113 An observation of the barrel field in somatosensory cortex of MeCP2 knock out mouse
 Masaharu Moroto*, Akira Nishimura, Kenichi Isoda, Takashi Morita, Michiko Yoshida, Shigemi Morioka, Tomohiro Chiyonobu, Masafumi Morimoto (Japan)
 *Department of Pediatrics, Graduate School of Medical science, Kyoto Prefectural University of Medicine, Kyoto, Japan
- P-114 A case with MPS IVA: a survival from respiratory arrest caused by cervical cord compression
 Saki Kasuga*, Tomo Sawada, Akemi Tanaka, Haruo Shintaku (Japan)
 *Department of Pediatrics, Osaka City University Graduate School of Medicine, Osaka, Japan
- P-115 A Case of Refsum like disease in Infancy
 Tomofumi Fukuda*, Masayuki Shimono, Masahiro Ishii, Ayako Senju, Naoki Shiota, Koichi Kusuhara (Japan)
 *University of Occupational and Environmental Health, Fukuoka, Japan
- P-116 A case of Leigh encephalopathy with Wernicke encephalopathy-like MRI appearance
 Fuyu Miyake*, Takahito Wada, Mitsuko Okuda, Kyoko Takano, Mizue Iai, Sumimasa Yamashita, Noriko Aida, Hitoshi Osaka (Japan)
 *Division of Pediatric Neurology, Kanagawa Children's Medical Center, Kanagawa, Japan
- P-117 The Analysis of clinical course and treatment for Tourette syndrome
 Yukiko Ihara*, Shinya Ninomiya, Yuuko Tomonoh, Takako Fujita, Hiroshi Ideguchi, Takahito Inoue, Sawa Yasumoto, Shinichi Hirose (Japan)
 *Department of Pediatrics, Fukuoka University, School of Medicine, Fukuoka, Japan
- P-118 A case of succinic semialdehyde dehydrogenase deficiency presented HHV 6-associated encephalopathy
 Shunsuke Ogaya*, Mitsuharu Kajita, Tomoya Takeuchi, Jun Natsume, Shinichi Hirose (Japan)
 *Department of Pediatrics, Toyota Kosei Hospital, Aichi, Japan
- P-119 A case of 8-year-old boy with sleep related rhythmic movements diagnosed by polysomnography
 Kumi Kato* (Japan)
 *Ota Memorial Sleep Center, Kanagawa, Japan
- P-120 Potentially deficient state of Vitamin B1 in children
 Kohji Azumagawa*, Keiko Tanaka, Katsumi Shibata, Hiroshi Tamai (Japan)
 *Department of Pediatrics, Seikeikai Hospital, Osaka, Japan
- P-121 Survey of Pantothenate kinase-associated neurodegeneration (PKAN) by child neurology specialists
 Makoto Funatsuka*, Yasushi Itoh, Mutsuki Shioda, Makiko Osawa (Japan)
 *Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan
- P-122 A cace of electron transfer complex 4 deficiency
 Tomoko Matsubayashi*, Teruhiko Suzuki, Yuusaku Endo, Kouichi Hirano, Kei Murayama, Akira Ohtake (Japan)
 *Department of Pediatrics, Hamamatsu University School of Medicine, Shizuoka, Japan
- P-123 Salivary melatonin in AADC deficiency
 Shuhei Ide*, Harumi Saijyou, Mitsuhiro Kato, Yumi Okoshi, Tatsuo Masuyama, Yuji Iwasaki, Masataka Arima (Japan)
 *Tokyo Metropolitan Tobu Medical Center for Persons with Developmental/Multiple Disabilities, Tokyo, Japan

- P-124 A case of Pelizaeus-Merzbacher Disease with PLP and ABCD1 mutations
Shinichiro Nagamitsu*, Yoriko Watanabe, Makoto Yoshino, Ikuhiko Shibuya, Takashi Ohya, Yushiro Yamashita, Akiko Iwaki, Kenji Kurosawa, Hitoshi Osaka, Nobuyuki Shimozawa, Toyojiro Matsuishi (Japan)
**Department of Pediatrics and Child Health, Kurume University School of Medicine, Fukuoka, Japan*
- P-125 Deafness cataract and psychomotor regression with mitochondrial respiratory chain disorders
Tsuyoshi Oomi*, Kunihiro Tamashiro, Kyomi Hirayasu, Satoshi Ohshiro, Yukikatsu Nakada, Kei Murayama, Akira Ohtake (Japan)
**Department of Pediatrics, Okinawa Seishi Ryogoen, Naha, Okinawa, Japan*
- P-126 A case of leukoencephalopathy with vanishing white matter with polycystic liver disorder
Shinjiro Akaboshi*, Noriko Komatsu, Eiji Nakano (Japan)
**Department of Pediatrics, National Hospital Organization Tottori Medical Center, Tottori, Japan*
- P-127 A Neuropathologic Autopsy Case of 4q- syndrome with Macrocephaly and Polymicrogyria
Sunao Tomita*, Satoko Kumada, Yukiko Hanafusa, Eizi Kurihara, Masaharu Hayashi, Toshio Mizutani (Japan)
**The Department of Neurology, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan / The Department of Neuro-pediatrics, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan*
- P-128 An autopsy case of Marinesco-Sjögren syndrome: electron-microscopic findings of cardiac muscle
Koki Nikaido*, Kazuhiro Oya, Shin Kikuchi, Nobutada Tachi, Shinobu Fukumura, Yukiko Hayashi, Ichizo Nishino (Japan)
**Department of Pediatrics, Sapporo Medical University School of Medicine, Hokkaido, Japan*
- P-129 Two cases of NPC diagnosed impetus Cataplexy
Sayaka Nakano*, Michiko Shinpou, Junji Azuma, Yusuke Hamada, Yoshiko Iwatani, Koji Tominaga, Shihoko Kimura, Kuriko Shimono, Takeshi Okinaga, Norio Sakai, Toshisaburo Nagai, Keiichi Ozono (Japan)
**Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan*
- P-130 Mitochondrial encephalomyopathy with mitochondrial mutation of m.5537A G at tRNA(Trp)
Mayuko Fujita*, Hiromi Mizuuchi, Maiko Suyama, Hideki Uchikawa, Masato Mori, Akira Ohtake, Atsuko Takagi, Tadashi Shiohama, Katsunori Fujii, Youichi Kohno (Japan)
**Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan*
- P-131 A case of Leukoencephalopathy with vanishing white matter presenting frequent vomiting
Motomichi Nagafuji*, Tatsuyuki Ohto, Takashi Enokizono, Ryuta Tanaka, Hajime Nishimura, Masayuki Sasaki, Shino Shimada, Toshiyuki Yamamoto, Ryo Sumazaki (Japan)
**Department of Pediatrics, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan*
- P-132 Analysis of mitochondrial DNA in patients with mitochondrial respiratory chain complex deficiency
Masato Mori*, Natsumi Uehara, Yousuke Mizuno, Kei Murayama, Yasushi Okazaki, Akira Ohtake (Japan)
**Department of Pediatrics, Jichi Medical University, Tochigi, Japan*
- Poster Presentation: Malformation, Chromosomal Abnormality / Genetics / Tumor*
- P-133 A Japanese case of KBG syndrome
Nobutsune Ishikawa*, Yoshiyuki Kobayashi, Yuji Fujii (Japan)
**Department of Pediatrics, Hiroshima University Hospital, Hiroshima, Japan*
- P-134 Siblings with renal failure and Joubert syndrome in brother, and with nephronophthisis in sister
Fumihito Nozaki*, Tomohiro Kumada, Keiko Saito, Ikuko Hiejima, Anri Hayashi, Tomoko Miyajima, Tatsuya Fujii (Japan)
**The department of pediatrics, Shiga Medical Center for Children, Shiga, Japan*
- P-135 Pontocerebellar hypoplasia type 3 with tetralogy of Fallot
Hideo Jinnou*, Takuya Yokota, Tohru Okanishi, Hideo Enoki (Japan)
**Division of Neonatology, Maternal and Perinatal Care Center, Seirei Hamamatsu General Hospital, Shizuoka, Japan*
- P-136 An infant with lateral meningocele syndrome with oppressingly enlarging intrathoracic cysts
Keiko Saito*, Tomoko Miyajima, Tomohiro Kumada, Fumihito Nozaki, Ikuko Hiejima, Anri Hayashi, Masaaki Saiki, Kenji Takagi, Nobuhiko Okamoto, Tatsuya Fujii (Japan)
**Department of Pediatrics, Shiga Medical Center for Children, Shiga, Japan*
- P-137 Withdrawn
- P-138 Correlations of symptoms and long-term disabilities with CAG repeat length in childhood-onset DRPLA
Shinsuke Maruyama*, Yoshiaki Saito, Takashi Saito, Hirofumi Komaki, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Satoko Kumada, Yuko Saito, Narihiro Minami, Yu-Ichi Goto (Japan)
**Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry (NCNP), Tokyo, Japan*
- P-139 Infantile spasms associated with supernumerary dic(15;15)(q12;q12) marker chromosome
Akihito Takeuchi*, Hiroshi Shiraga (Japan)
**Department of neonatology, NHO Okayama medical center, Okayama, Japan*
- P-140 A case of creatine transporter deficiency, diagnosed with a simple HPLC screening method of urine
Hidekazu Kato*, Takahito Wada, Hiroko Shinbo, Fuyui Miyake, Mitsuko Okuda, Kyouko Takano, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)
**Division of Pediatric Neurology, Kanagawa Children's Medical Center, Kanagawa, Japan*

- P-141 Microdeletion of chromosome 7p21, including TWIST1 identified by array CGH in a patient
Aki Ishikawa*, Hiroko Shigetomi, Akiko Tuzuki, Satoko Ochi, Kenji Kurosawa (Japan)
**Department of Pediatric Rehabilitation, Hokkaido Medical Center for Child Health and Rehabilitation, Hokkaido, Japan*
- P-142 Screening of children with neurological problems by oligonucleotide array CGH
Atsuo Kikuchi*, Rie Suzuki, Tojo Nakayama, Yuki Kubota, Mieko Hirose, Tomoko Kobayashi, Naomi Hino-Fukuyo, Mitsugu Uematsu, Kazuhiro Haginoya, Shigeo Kure (Japan)
**Department of Pediatrics, Tohoku University Graduate School of Medicine, Miyagi, Japan*
- P-143 A boy with porencephaly caused by a de novo COL4A1 mutation.
Nobuya Takahashi*, Hiroto Saito (Japan)
**Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan / Department of Human Genetics, Yokohama city University Faculty of Medicine, Kanagawa, Japan*
- P-144 A case of 13q- syndrome -Karyotype and phenotype comparisons-
Hiroe Ueno*, Chizuru Nishizato (Japan)
**Kumamoto Saishunso national hospital, Kumamoto, Japan*
- P-145 22q11.2 deletion with epilepsy
Shinichiro Takiguchi*, Aya Ogasawara, Mari Kuwajima, Hiroshi Watanabe, Kazumi Kurata, Hideo Shimoizumi (Japan)
**Nasu institute of Developmental disabilities, Tochigi, Japan*
- P-146 Epilepsy in patient with myelomeningocele
Shizuko Terada*, Mami Yamasaki (Japan)
**National Hospital Organization Osaka National Hospital, Osaka, Japan*
- P-147 Multidimensional analyses of the function and the loss-of-function pathomechanism of the CDKL5 gene
Teruyuki Tanaka*, Masashi Mizuguchi (Japan)
**Department of Developmental Medical Sciences, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan*
- P-148 A case of Neurofibromatosis type2 diagnosed during the investigation of epilepsy
Tsuyoshi Sasaki* (Japan)
**Pediatrics, Mitoyo General Hospital, Kagawa, Japan*
- P-149 1 year old girl cases of spinal hemangioblastoma combined hydrocephalus
Kaori Onozawa*, Gorou Shirofumi, Takako Fujita, Hiroshi Ideguchi, Sawa Yasumoto, Tetuya Ueha, Tooru Inoue, Shinichi Hirose (Japan)
**Pediatrics, Fukuoka University, Fukuoka, Japan*
- P-150 Cognitive function of children with medulloblastoma after treatments
Mai Kuroda*, Shinichiro Hamano, Hiroshi Nishimoto, Yuri Narita (Japan)
**Division of psychology, Center for Child Health & Human Development, Saitama Children's Medical Center, Saitama, Japan*
- P-151 A case of paroxysmal kinesigenic choreoathetosis with a family history of myoclonic epilepsy
Yoshiro Nagao* (Japan)
**Department of Pediatrics, Social Health Insurance Medical Center, Tokyo, Japan*
- P-152 Deletion of 5q14.3 encompassing the MEF2C locus in a boy with severe intellectual disability
Yasunari Sakai*, Hiroyuki Torisu, Masafumi Sanefuji, Yui Yamaguchi, Yoshihito Ishizaki, Michiko Torio, Natsumi Washitou, Hiroyuki Satake, Toshiro Hara (Japan)
**Department of Pediatrics, Kyushu University, Fukuoka, Japan*
- P-153 The Clinical Course of the Male Patient of MECP2 Duplication with Epileptic Spasms
Kaoru Eto*, Masako Sakauchi, Shino Shimada, Yui Ootani, Mutsuki Shioda, Keiko Ishigaki, Keiko Simojima, Toshiyuki Yamamoto, Hirokazu Oguni, Makiko Osawa (Japan)
**Tokyo Women's Medical University, Department of Pediatrics, Tokyo, Japan*
- P-154 Mowat-Wilson syndrome: the three cases.
Kiyoko Sameshima*, Susumu Sugihara, Mio Watanabe, Takashi Shiihara (Japan)
**Division of Medical Genetics, Gunma Children's Medical Center, Gunma, Japan*
- P-155 A Case of Nephronophthisis in Joubert related disorder with occipital encephalocele
Ai Kataoka*, Kiyoshi Matsui, Koji Tanoue (Japan)
**Division of General Medicine, Kanagawa Children's Medical Center, Kanagawa, Japan*
- P-156 A case of mutation of CASK
Reiki Oyanagi*, Toshihide Watanabe, Kimio Minagawa, Jun-Ichi Takanashi, Nobuhiko Okamoto, Shin Hayashi (Japan)
**Department of Pediatric Neurology, Hokkaido Medical Center for Child Health and Rehabilitation, Hokkaido, Japan*
- P-157 A case with late-infantile metachromatic leukodystrophy caused by paternal UPD of chromosome 22
Yo Niida*, Mondo Kuroda, Yusuke Mitani, Ayano Yokoi, Miyako Ikeno (Japan)
**Research Center for Child Mental Development, Kanazawa University, Ishikawa, Japan*
- P-158 Characteristics of epilepsy in 1p36 deletion syndrome: multiinstitutional study in Japan
Yoshihiro Maegaki*, Sino Shimada, Keiko Shimojima, Mari Matsuo, Kyoko Hirazawa, Toshiyuki Yamamoto (Japan)
**Division of Child Neurology, Faculty of Medicine, Tottori University, Tottori, Japan*

- P-159 Clinical feature of an adult case of Marinesco-Sjögren Syndrome with SIL1 mutation
Noriko Nakamura*, Shinya Ninomiya, Yukiko Ihara, Hiroshi Ideguchi, Takahito Inoue, Sawa Yasumoto, Akihisa Mithudome, Shinichi Hirose (Japan)
**Department of Pediatrics, Faculty of Medicine, Fukuoka University, Fukuoka, Japan*
- P-160 A case of complex chromosome aberrations with white matter alterations and delayed myelination
Hiroko Shigetomi*, Aki Ishikawa, Akiko Tuzuki, Kentaro Kawamura, Reikichi Shoji, Kenji Kurosawa (Japan)
**Department of Pediatric Rehabilitation, Hokkaido Medical Center for Child Health and Rehabilitation, Hokkaido, Japan*
- P-161 A case report of sphenothmoidal cephalocele.
Mari Sugimoto*, Hironori Ohshita, Kaori Aiba, Daisuke Katoh, Norihisa Koyama, Kenji Yokochi (Japan)
**Toyohashi municipal hospital, Aichi, Japan*
- P-162 Kabuki syndrome and multiple anomalies in a girl with mos45,X/46,X,der(X)
Masaki Ohno* (Japan)
**Department of Child Study, Kyoto Women's University, Kyoto, Japan*
- P-163 COL4A1 mutations in two newborn patients with porencephaly
Noriko Kondo*, Yoko Nishimura, Masami Togawa, Yoshihiro Maegaki, Kousaku Ono, Hiroto Saito (Japan)
**Division of Child Neurology, Tottori University, Tottori, Japan*
- P-164 Chronic respiratory failure after general anesthesia in a girl with neurofibromatosis
Tsukasa Higuchi* (Japan)
**The Department of General Pediatrics, Nagano Children's Hospital, Nagano, Japan*
- P-165 A case of Epidermal Nevus Syndrome Associated with Various Brain Malformations and Medulloblastoma
Mitsuru Ikeno*, Akihisa Okumura, Shinpei Abe, Taiki Shima, Junichi Takanashi, Keiko Shimojima, Toshiyuki Yamamoto, Masaharu Hayashi (Japan)
**Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan*
- Poster Presentation: Infectious, Immunological Disease (Excluding Acute Encephalitis / Encephalopathy) / Neonatology*
- P-166 The significance of periventricular cysts in neonates
Kentaro Okunushi*, Daisuke Nishi, Hitoshi Kawato, Hiroshi Matsumoto, Katunori Fujii (Japan)
**Department of Neonatology, Asahi General Hospital, Chiba, Japan*
- P-167 The comparison of neopterin value between mumps meningitis and other viral meningitis
Norikatsu Hikita*, Toshiyuki Seto, Taeka Hattori, Katsuji Tanaka, Haruo Shintaku (Japan)
**The Third Department of Pediatrics, Osaka City University, Osaka, Japan*
- P-168 Cases of sisters with convulsions two weeks later of the outbreak of Mycoplasma pneumoniae infection
Kousuke Nakano*, Satoshi Maniwa (Japan)
**Department of Pediatrics, Matsuyama Red Cross Hospital, Ehime, Japan*
- P-169 Outcome of very-low-birth weight infants at 20 to 29 years of age and risk factor analysis
Yu Suzuki*, Atsushi Kamei, Manami Akasaka, Shoichi Chida (Japan)
**The Department of Pediatrics, Iwate Medical University, Iwate, Japan*
- P-170 A suspected male case of Hoyeraal-Hreidarsson Syndrome showing recurrent intracranial hemorrhage
Hidenori Ohnishi*, Takahide Teramoto, Masahiro Morimoto, Kazuo Kubota, Zenichiro Kato, Hideki Muramatsu, Hiroto Sakaguchi, Seiji Kojima, Naomi Kondo (Japan)
**Department of Pediatrics, Graduate School of Medicine, Gifu University, Gifu, Japan*
- P-171 A case of transverse myelitis with visual obscuration suspected of Neuromyelitis Optica
Ai Kishino*, Kaori Kawano (Japan)
**Kawakita General Hospital, Tokyo, Japan*
- P-172 The study of neurological symptom associated with Paramyxoviridae family
Yuka Hattori*, Kiyoko Amou, Jyunichi Ishikawa, Hitomi Tuji, Asako Horino, Megumi Nukui, Takeshi Inoue, Shin Okazaki, Masao Togawa, Masashi Shiomi, Hisashi Kawawaki (Japan)
**Department of Pediatric Emergency, Osaka City General Hospital, Osaka, Japan*
- P-173 Analysis of Neonatal Seizures and Paroxysmal Automatic Movements Mimicking Neonatal Seizures
Mitsuo Motobayashi*, Yuji Inaba, Taemi Niimi, Naoko Shiba, Takafumi Nishimura, Atsushi Baba (Japan)
**Department of Pediatrics, University of Shinshu, Nagano, Japan*
- P-174 Five cases of Optic Neuritis
Yuki Imai*, Emiko Momoki, Wakako Ishii, Ayumi Endoh, Chikako Arakawa, Ryutaro Kohira, Yukihiko Fujita, Tatsuo Fuchigami (Japan)
**Department of Pediatrics and Child Health, Nihon University, Tokyo, Japan*
- P-175 A case of Clinically isolated syndrome presented by chronic meningitis
Fumihiko Matsui*, Satoshi Sakaue, Osamu Otobe, Hisato Ito, Toshiyuki Takahashi (Japan)
**Department of Pediatrics, Nantan General Hospital, Kyoto, Japan*

- P-176 A preterm infant with pyridoxine dependent epilepsy
Yohane Miyata*, Yumiko Ikegami, Motoko Asakura, Makiko Simazaki, Yumiko Komatsu, Yukiko Nakamura, Akira Oka (Japan)
*The Department of Pediatrics, Kyorin University, Tokyo, Japan
- P-177 Three cases of aseptic meningitis after mumps vaccine
Masaru Takayanagi*, Taro Kitamura, Wakaba Endo, Atsushi Kato, Hidekazu Nishimura, Toshiyuki Nishio, Toshihiro Ohura (Japan)
*Division of Pediatrics, Sendai City Hospital, Miyagi, Japan
- P-178 Two cases of severe motor and intellectual disabilities with streptococcus pyogenes pneumonia
Keiko Okumura*, Hajime Ikehara, Tomohiko Tsuru, Takashi Ichyama (Japan)
*Department of Pediatrics, Matsudo City Hospital, Matsudo, Chiba, Japan
- P-179 A case of neuromyelitis optica in a child: The features of brain and spinal MRI
Takako Fujita*, Yukiko Ihara, Yuko Tomonoh, Rie Kodama, Shinya Ninomiya, Hiroshi Ideguchi, Takahito Inoue, Sawa Yasumoto, Shinichi Hirose (Japan)
*Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan
- P-180 An autopsy of 33-year-old man with subacute sclerosing panencephalitis
Wakana Furushima*, Satoshi Komine, Michio Fukumizu, Masaharu Hayashi, Mitsuaki Hosoya (Japan)
*Metropolitan Fuchu Medical Center for Severe Motor and Intellectual Disabilities, Tokyo, Japan
- P-181 Two cases of cerebellitis caused by GluR autoantibodies with autism
Shinya Ninomiya*, Takako Fujita, Yukiko Ihara, Yuko Tomonoh, Naomi Morishima, Hiroshi Ideguchi, Takahito Inoue, Sawa Yasumoto, Yukiotoshi Takahashi, Shinichi Hirose (Japan)
*Department of Pediatrics, Faculty of Medicine, University, Fukuoka, Fukuoka, Japan
- P-182 Paraneoplastic anti-GluR-delta2 positive cerebellar ataxia secondary to ovarian teratoma
Yoshihisa Higuchi*, Takeo Yonekura, Masato Nishino, Hideo Takatsuka, Yukiotoshi Takahashi, Takuya Kosumi, Katsuji Yamauchi (Japan)
*Department of Pediatrics, Ohtsu Red Cross Hospital, Ohtsu, Shiga, Japan
- P-183 Central nervous system involvement with hemophagocytic syndrome
Yoshihiro Watanabe*, Yoshitaka Ooyama, Saoko Takeshita (Japan)
*Department of Pediatrics, Yokohama City University Medical Center, Kanagawa, Japan
- P-184 A case of giant subdural empyema as complication of Streptococcus pneumoniae mastoiditis
Miyuki Toyono*, Sae Ishikawa, Hidenori Ohnishi, Tamami Yano (Japan)
*Department of Pediatrics Akita University Graduate School of Medicine, Akita, Japan
- P-185 A case of CalcifiedCephalhematoma
Yuko Omata*, Hiroaki Date (Japan)
*DepartmentofPediatrics,Seikei-kaiChiba Medical Center,Chiba,Japan
- P-186 Neurological findings of the cryopin-associated periodic syndrome
Saoko Takeshita*, Yoshihiro Watanabe, Yoshitaka Oyama, Takuma Hara, Masako Kikuchi, Takako Miyamae, Tomoyuki Imagawa, Shumpei Yokota (Japan)
*Department of Pediatrics, Yokohama City University Medical Center, Kanagawa, Japan
- P-187 A case with ocular myasthenia gravis successfully treated with Tacrolimus
Genkichi Izumi* (Japan)
*Department of Pediatrics, Social Insurance Kinan Hospital, Wakayama, Japan
- P-188 Clinical evaluation of 10 patients with subacute sclerosing panencephalitis
Kunihito Tamashiro*, Sadao Nakamura, Azusa Oshiro, Tsuyoshi Oomi (Japan)
*The Department of Pediatrics, University of Ryukyus, Okinawa, Japan
- P-189 Pregnancy and delivery of childhood myasthenia gravis
Yukiko Isono*, Yuri Nagao, Kazue Kimura, Kei Hachimori, Yoshiko Nomura, Masaya Segawa (Japan)
*Segawa Neurological Clinic for Children, Tokyo, Japan
- P-190 Bacterial meningitis associated with congenital dermal sinus without c-reactive protein elevation
Kaori Sasaki* (Japan)
*Kakogawa east city hospital, Hyogo, Japan
- P-191 A case report of brainstem encephalitis and myelitis
Hironori Oshita*, Kaori Aiba, Mari Sugimoto, Daisuke Katou, Norihisa Koyama, Kenji Yokoti (Japan)
*Toyohashi Municipal Hospital, Aichi, Japan
- P-192 A case of unilateral isolated superior branch oculomotor palsy treated by steroid pulse therapy
Aki Ando*, Hiroshi Terashima, Sayaka Ohta, Hirofumi Kashii, Masaya Kubota, Tomohiro Arakuma, Tomohide Gotou, Sahoko Miyama (Japan)
*Division of Neurology, National Center for Child Health and Development, Tokyo, Japan
- P-193 Effectiveness of intravenous administration of TRH in two patients with SSPE
Masato Hiyane*, Eiji Nakagawa, Takashi Enokizono, Shigehiro Nagai, Yuko Matsuda, Takashi Saito, Yoshiaki Saito, Hirofumi Komaki, Kenji Sugai, Masayuki Sasaki (Japan)
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P-194 Acute childhood hemiplegia associated with chickenpox

Naoko Nakano*, Chiya Kikuchi, Mitsunari Fukuda (Japan)

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P-195 Magnetic-resonance imaging of neonates treated with therapeutic hypothermia after hypoxic-ischemic encephalopathy

Koichi Tanda*, Nozomi Sato, Minako Kihara (Japan)

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Poster Presentation: Epilepsy, Seizure 2

P-196 A study on serum selenium, zinc and copper levels during ketogenic diet

Anri Hayashi*, Tomohiro Kumada, Keiko Saito, Fumihito Nozaki, Ikuko Hiejima, Tomoko Miyajima, Tatsuya Fjii, Miyuki Takada (Japan)

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P-197 A intractable case of myoclonic astatic epilepsy treated with modified atkins diet only

Mami Ishida*, Atushi Satou, Satoru Takahashi, Masashi Mizuguchi (Japan)

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P-198 Ketogenic diet as an effective treatment for intractable epilepsy of perinatal HIE

Kaoru Amemiya*, Ayaka Koide, Tomohide Goto, Sunao Tomita, Sahoko Miyama, Koichi Aizaki, Yuri Ozawa, Hiroshi Ozawa, Yuki Inoue (Japan)

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P-199 Characteristics of symptomatic epilepsy associated with perinatal abnormality

Mariko Ikegami*, Nobuyoshi Sugiyama, Junichi Yokoyama (Japan)

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P-200 Evaluation of Colored Density Spectral Array(CDSA) for epilepsy with CSWS

Tomoshiro Ito*, Yukiko Mogami, Rumiko Takayama, Hiroko Ikeda, Hideyuki Otani, Tomoyuki Akiyama, Katsumi Imai, Hideo Shigematsu, Yukitoshi Takahashi, Yushi Inoue (Japan)

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P-201 Review of intractable epilepsy of older severe Mentally and Physically Handicapped Persons.

Rie Kato*, Atuko Matuduka, Masayosi Suzuki, Taturou Izumi (Japan)

*Pediatrics, Developmental Medical Center of Beppu, Beppu, Japan / Department of Pediatrics, University of Oita, Oita, Japan

P-202 A sibling case with PCDH19 mutation following different clinical courses

Mamiko Hotate*, Norimichi Higure, Shinichi Hirose, Kentarou Shirai, Satoshi Araki, Yuji Sugawara (Japan)

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P-203 Efficacy of Vigabatrin in intractable seizure including spasms associated with Tuberous Sclerosis

Tomoko Kobayashi*, Mitsugu Uematsu, Toujyou Nakayama, Rie Suzuki, Wakaba Endo, Ryo Sato, Naomi Fukuyo, Yurika Numata, Shigeo Kure (Japan)

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P-204 Phenobarbital-induced changes of ABR and EEG in epilepsy prone mice

Kenichi Saito*, Yasuhiko Kawakami, Shinya Koizumi, Kentaro Kuwabara, Takehisa Fujita, Osamu Fujino, Yoshitaka Fukunaga (Japan)

*Nippon Veterinary and Life Science University, Tokyo, Japan

P-205 A case of epilepsy with Large Inv Dup(15)

Tomoko Nishida*, Mayumi Yamamoto, Yukihiko Konishi, Mayumi Kawada, Masanori Namba, Kenichi Isobe, Susumu Itoh (Japan)

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P-206 Acute phase EEG in status epilepticus

Yoko Nishimura*, Aya Narita, Akiko Kondo, Masami Togawa, Yoshihiro Maegaki, Kousaku Oono (Japan)

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P-207 Clinical study of 8 patients with West syndrome

Hitoshi Sejima*, Keisuke Wada, Yuri Uchida, Kazuki Tsukamoto, Tomohiro Hirade, Kyouko Saito (Japan)

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P-208 A case of Ohtahara syndrome with a microdeletion in chromosome 9q33-34

Hiroshi Matsumoto*, Kiyotaka Zaha, Yasuko Nakamura, Shin Hayashi, Joji Inazawa (Japan)

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P-209 Efficacy and safety of levetiracetam high dose therapy

Yukio Sawaishi*, Ikuhiro Inami, Aya Hirayama (Japan)

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P-210 Two patients had hypersomnia after first intake of Levetiracetam

Hiroki Kubota*, Shigeru Kimura, Yukio Sawaishi (Japan)

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- P-211 The side effect of Topiramate;diminished perspiration
Ayako Okano*, Satoshi Takahashi, Rie Miyata, Jyun Koyama (Japan)
**Tokyo-kita Social Insurance Hospital, Tokyo, Japan*
- P-212 4p- syndrome with prolonged Fanconi syndrome over 2 years after the cessation of valproate
Masayasu Ohta* (Japan)
**Department of Pediatrics, JA Toride General Medical Center, Ibaraki, Japan*
- P-213 Efficacy of levetiracetam for patients with intractable frontaal lobe epilepsy
Hiroshi Ideguchi*, Shinya Ninomiya, Yukiko Ihara, Yuko Tomonoh, Takako Fujita, Takahito Inoue, Sawa Yasumoto, Shinichi Hirose (Japan)
**Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan*
- P-214 Effect of Levetiracetam for sever motor and intellectual disabilities with refractory epilepsy
Yoko Kawasaki*, Hiroyuki Imanishi, Mio Nishimura, Takashi Mito (Japan)
**Nikoniko house Medical and Welfare Center,Hyogo,Japan*
- P-215 Electroencephalogram after prolonged febrile seizures
Fukiko Ryujin*, Seiichiro Yoshioka, Yuko Sakaue, Tomoyuki Takano, Yoshihiro Takeuchi (Japan)
**Department of Pediatrics Shiga University of Medical Science, Shiga, Japan*
- P-216 Clinical efficacy of newer-generation antiepileptic drugs in refractory pediatric epilepsy
Mondo Kuroda*, Iku Ikeno, Ayano Yokoi, Yusuke Mitani, Yo Niida (Japan)
**Department of Pediatrics, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University, Ishikawa, Japan*
- P-217 SCN1A mutation in siblings with Dravet syndrome seems caused by parental germline mosaicism
Michiaki Nagura*, Masanori Tamura, Masayuki Sasaki, Shinnichi Hirose (Japan)
** Department of Pediatrics, Saitama Medical Center, Saitama, Japan*
- Poster Presentation: Acute Encephalitis / Encephalopathy / Developmental Disorder / Conductive Education And Support*
- P-218 Acute Disseminated Encephalomyelitis after measles-rubella vaccination
Hitoshi Tonegawa*, Takafumi Sakakibara, Shogo Morichika, Midori Shima (Japan)
**The Department of Pediatrics, Nara Medical University, Nara, Japan*
- P-219 Immediate relief of M. pneumoniae-associated limbic encephalitis symptoms after mPSL pulse therapy
Haruna Yokoyama*, Shinpei Baba, Toshihiko Kohji (Japan)
**Department of Pediatrics, Musashino Red Cross Hospital, Tokyo, Japan*
- P-220 Effectiveness of social skills training for child with HFPDD and those parents
Tomoka Yamamoto*, Aika Tatsumi, Hiroko Okuno, Arika Yoshizaki, Saeko Sakai, Ikuko Mohri, Masako Taniike (Japan)
**Molecular Research Center for Children's Mental Development, United Graduate School of Child Development Osaka University Kanazawa University and Hamamatsu University School of Medicine,Osaka,Japan*
- P-221 Effectiveness of parent training for parents of children with HFPDD : A focus on social skills
Hiroko Okuno*, Tomoka Yamamoto, Aika Tatsumi, Arika Yoshizaki, Saeko Sakai, Ikuko Mohri, Toshisaburo Nagai, Masako Taniike (Japan)
**Molecular Research Center for Children's Mental Development, Osaka University Graduate School of Medicine, Suita, Osaka,Japan*
- P-222 The cooperation model of the Medical and child care for Children with developmental disorders
Naho Inoue*, Masahiko Inoue, Kousaku Ohno (Japan)
**Graduate School of Medical Sciences, Tottori University Faculty of Medicine,Tottori, Japan*
- P-223 A case of multiphasic disseminated encephalomyelitis after a 5-year symptom-free interval
Tatsuya Yamamoto*, Isamu Hanada, Azusa Kamura, Hiroshi Fujita (Japan)
**The Department of Pediatrics, University of Hirosaki, Aomori, Japan*
- P-224 Summary and consideration of hospitalization of neuromuscular disease patients over18 years old
Masao Morita* (Japan)
**Funabashiutawahospital,Chiba,Japan*
- P-225 Support groups'approach to the developmental disorders children and their parents in our hospital
Kanakano Nakano* (Japan)
**Pediatrics,Rokko Island Hospital,Kobe,Hyogo,Japan*
- P-226 Cost and benefit by in-clinic counseling system for children with developmental disabilities
Toshihiro Horiguchi*, Chieko Akiyama (Japan)
**Department of Social Psychiatry, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan*
- P-227 Twelve cases of language developmental delay in multilingual environments
Shiho Honzawa*, Yasuhiro Arai, Hitomi Noguchi, Shuhei Ide, Yumi Okoshi, Tatsuo Masuyama, Hideomi Ota, Yuji Iwasaki, Masataka Arima (Japan)
**Tokyo Metropolitan Tobu Medical Center for Persons with Developmental / Multiple Disabilities, Tokyo, Japan*

- P-228 Three cases of autistic spectrum disorders with school phobia
Harumi Goto*, Chiaki Kishibayashi (Japan)
**Himawari Gakuen Comprehensive Rehabilitation Center for Disabled Children, Saitama, Japan*
- P-229 Parental stress associated with caring for young children with developmental disorder
Shuichi Shimakawa*, Takuya Tanabe, Ichiro Kuki, Mitsuru Kashiwagi, Lisa Uno, Yasuhisa Toribe, Hiroshi Arai, Tetsuzo Tagawa, Hidenori Imaishi, Toshisaburo Nagai, Masaru Nishida (Japan)
**Department of Pediatrics, Osaka Medical College, Osaka, Japan / Osaka shonika ikai, Osaka, Japan*
- P-230 Developmental disorders in Tsudumigaura handicapped childrens hospital (adult cases)
Hiroshi Isumi*, Naoko Ishikawa, Hironori Matsufuji, Youko Sugio, Yoshitugu Sugio (Japan)
**Department of pediatrics, Tsudumigaura handicapped childrens hospital, Yamaguchi, Japan*
- P-231 Problems of medical examination and treatment for foreign patients with developmental disorders
Takeshi Miyamoto* (Japan)
**The department of pediatrics, Kosai municipal hospital, Shizuoka, Japan*
- P-232 Cerebellitis associated with respiratory syncytial virus:a case report
Hirofumi Ban*, Daisuke Kurokawa, Yuichi Takami, Yukitoshi Takahashi (Japan)
**Department of Pediatrics, Himeji Red Cross Hospital, Hyogo, Japan*
- P-233 Study of 4 case of encephalopathy and encephalitis with antibody of glutamic acid receptor
Teka Hattori*, Katsuji Tanaka, Norikatsu Hikita, Toshiyuki Seto, Osamu Matsuoka, Haruo Shintaku, Satoshi Sakuma, Hideji Hattori, Yukitoshi Takahashi (Japan)
**The Department of Pediatrics, University of Osaka City, Osaka, Japan*
- P-234 "Tactics of thank you" for the disorder of resistance challenge
Hiroshi Ozawa*, Yuki Inoue (Japan)
**The Department of Child Neurology, Shimada Ryoiku Center Hachioji, Tokyo, Japan*
- P-235 An autopsy case of enterohemorrhagic Escherichia coli O-157 infection with encephalopathy
Noriko Sawaura*, Keiko Kamayathi, Kazuhiro Muramatsu, Hirokazu Arakawa (Japan)
**Department of pediatrics and developmental medicine gunma university graduate school of medicine, Gunma, Japan*
- P-236 To notice for parents of development problems of their children in health checkups on 5 year olds
Kenji Nomura* (Japan)
**Center for Developmental Clinical Psychology and Psychiatry, Nagoya, Japan*
- P-237 Analyze of Wechsler Intelligence Scale for Children in the Pervasive developmental disorder
Nobuko Moriyama*, Miori Satou, Takayuki Naoi, Natsuko Oyake (Japan)
**Hitachi, Ltd., Hitachinaka General Hospital, Ibaraki, Japan*
- P-238 Cerebral salt wasting syndrome associated with hypoxic-ischemic encephalopathy: three cases report
Naoki Matsuo*, Miyako Kyogoku, Kanako Maruta, Asuka Iwai, Eiji Matsukuma, Atsushi Imamura (Japan)
**Gifu Prefectural General Medical Center, Gifu, Japan*
- P-239 DTI of Children with Acute Encephalopathy with Biphasic Seizures and Late Reduced Diffusion
Eri Nakahara*, Mituru Ikeno, Taiki Shima, Mariko Hosozawa, Shinpei Abe, Toshiaki Shimizu, Akihisa Okumura (Japan)
**Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan*
- P-240 Effectiveness of group parent training for parents of children with developmental disorders
Masahiko Inoue* (Japan)
**Graduate School of Medical Sciences, Tottori University, Tottori, Japan*
- P-241 A girl with repeated acute encephalitis
Aiko Igarashi*, Minako Ide, Hideo Tuda (Japan)
**Fukui Prefectural Hospital, Fukui, Japan*
- Poster Presentation: Cerebral Palsy / Conductive Education*
- P-242 Supplement therapy of carnitine by using a powdered milk for secondary carnitine deficiency
Ushio Ohtaki*, Hiroshi Ozawa, Akiko Kamiishi, Takehiro Ishizuka, Kiyoshi Arimoto, Satoshi Kimiya, Tatsuhiko Yagihashi, Takayuki Mitsuhashi, Yoshitami Sanayama, Shigenori Yamamoto (Japan)
**Department of Pediatrics, Shimada Rehabilitation Center, Tokyo Japan*
- P-243 The complication of fundoplication and gastrostomy in severe motor and intellectual disabilities
Mutsuki Shioda*, Makoto Funatsuka, Osamu Segawa, Makiko Osawa (Japan)
**Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan*
- P-244 Evaluation of Laryngotracheal separation and Glottic closure for neurologically impaired patients
Sakiko Oshima*, Chisen Takeuchi, Masamichi Ariga, Mika Hayakawa, Mika Iwamura, Hideto Saigusa, Masayuki Imai, Yukikatsu Ochiai, Hiroyuki Ida (Japan)
**Department of Pediatrics, Tokyo Metropolitan Kita Medical Rehabilitation Center for the Disabled, Tokyo, Japan / Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan*

- P-245 A case of hereditary neuropathy with rheumatoid arthritis in home mechanical ventilation
Akiko Haibara*, Kengo Moriyama, Kaoru Uchiyama, Kouji Takahashi, Atsuko Yamamoto, Akimitsu Watanabe (Japan)
**Department of Pediatrics, Tsuchiura Kyodo General Hospital, Ibaraki, Japan*
- P-246 Current status of pediatric neurology practice guidelines in Japanese
Kentaro Okamoto* (Japan)
**Department of Pediatrics, Ehime Prefectural Central Hospital, Ehime, Japan*
- P-247 Cecal volvulus in a child with severe motor and intellectual disabilities
Emiko Momoki*, Yuki Imai, Wakako Ishii, Ayumi Endo, Chikako Arakawa, Ryutaro Kohira, Yukihiko Fujita, Tatsuo Fuchigami, Hideo Mugishima (Japan)
**Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan*
- P-248 The present problems on the in-home care for children on the mechanical ventilator
Masako Nagashima*, Masato Mori, Yukifumi Monden, Tokiko Fukuda, Yasuyuki Nozaki, Takanori Yamagata, Hideo Sugie, Mariko Momoi (Japan)
**Jichi Children's Medical center Tochigi, Tochigi, Japan*
- P-249 Situation of severe motor and intellectual disabilities and future provision in Fukushima disaster
Kiyoko Ishii*, Hiroyuki Morita, Hiroshi Mishima, Asako Kato, Mistuaki Hosoya (Japan)
**Fukushima National Hospital, Fukushima, Japan*
- P-250 Postural management using specialized seating equipment for children with physical disabilities
Misaki Sugai*, Toshifumi Yodoshi, Tsuyoshi Matsuoka, Masaharu Ohfu (Japan)
**Division of Pediatric Neurology, Okinawa Prefectural Nanbu Medical Center & Children's Medical Center, Okinawa, Japan*
- P-251 The study of correlation with total protein intake and Urinary Calcium excretion in SMID
Ken Momosaki*, Kenji Okumura, Yoichi Nagata, Akihiko Kumura, Tadashi Matsubasa (Japan)
**Department of Pediatrics, University of Kumamoto, Kumamoto, Japan / Kumamoto-Ashikita Medical Center for Severe Motor and Intellectual Disabilities, Kumamoto, Japan*
- P-252 A fixation method of tracheal cannula in patients complicated with scoliosis
Tomoki Takechi*, Hideo Ogura (Japan)
**Department of Pediatrics, National Organization Kochi Hospital, Kochi, Japan*
- P-253 Effects of botulinum toxin A injection for lower limb spasticity in 7 children
Hidetsugu Nakatsukasa*, Makoto Funatsuka, Mutsuki Shioda, Kyoko Hirasawa, Makiko Osawa (Japan)
**Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan*
- P-254 A clinical study of 15 SIMDS cases with non-invasive positive pressure ventilation
Mika Hayakawa*, Masamichi Ariga, Sakiko Oshima, Mika Iwamura, Masayuki Imai, Yukikatsu Ochiai, Hiroyuki Ida (Japan)
**Kita Medical and Rehabilitation Center for the Disabled, Tokyo, Japan / The Jikei University School of Medicine, Tokyo, Japan*
- P-255 Investigation on Patients with Severe Motor and Intellectual Disabilities in NICU and in PICU
Shigenori Yamamoto*, Ayumi Ishihara, Mitsuko Ishi (Japan)
**Department of Pediatrics, NHO Shimoshizu National Hospital, Chiba, Japan / Chiba Pediatric Association, Chiba, Japan*
- P-256 Withdrawn
- P-257 Severe complications in Athetotic cerebral palsy in VLBW
Satori Hirai*, Yukihiko Kitai, Hiroshi Arai, Jiro Abe (Japan)
**Morinomiya Hospital, Osaka, Japan*
- P-258 Aripiprazole treatment of aerophagia in patients with severe motor and intellectual disabilities
Makiko Kurosawa*, Kaori Kaneko, Yuri Chikumar, Hiroko Iwamoto, Kumiko Karasawa, Haruhiko Aoyama, Atsuo Nezu (Japan)
**Yokohama Ryoiku Medical Center, Kanagawa, Japan*
- P-259 Clinical features of infants with paroxysmal ocular downward deviation
Kenji Watanabe*, Nozomi Sano, Yuichiro Nuruki, Kouichi Yoshidome, Rika Fujiyama (Japan)
**Minamikyushu National Hospital, Kagoshima, Japan*
- P-260 Efficacy of regular intrapulmonary percussive ventilation in severely disabled children
Yusaku Endo*, Teruhiko Suzuki (Japan)
**Department of Pediatrics, Hamamatsu City Medical Center for Developmental Medicine, Shizuoka, Japan*
- P-261 Studies of patients death in Shimada ryoiku center in the past 50 years
Mami Miwa*, Takehiro Ishizuka, Hiroshi Ozawa, Ushio Ohtaki, Akiko Kamiishi, Yumi Takahashi, Kaori Irahara, Kiyoshi Arimoto, Satoshi Kimiya, Yuzuru Inada (Japan)
**Department of Pediatrics, Shimada Ryoiku Center, Tokyo, Japan*
- P-262 Institutional care and support system of abused children with physical disabilities in Japan
Akira Yoneyama*, Mika Nagase, Yozou Shimoyamada (Japan)
**Department of Pediatrics National Rehabilitation Center for disabled Children, Tokyo, Japan*
- P-263 Current State and Future Challenges facing Child Rehabilitation in Kodomokkuru
Akiko Tsuzuki*, Aki Ishikawa, Hiroko Shigetomi (Japan)
**Department of Pediatric Rehabilitation, Hokkaido Medical Center for Child Health and Rehabilitation Center, Hokkaido, Japan*

P-264 Favorable conditions for home care of the person with tracheostomy and mechanical ventilation

Hirokazu Kurahashi*, Naoko Hayashi, Ayako Umemura, Keitaro Yamada, Koichi Maruyama, Toshiyuki Kumagai (Japan)

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Poster Presentation: Muscle / Psychiatric Disorder, Behavioral Disorder / Others

P-265 Steroid therapy of ocular myasthenia gravis

Ikuko Shirai*, Emi Kasai, Konomi Shimoda, Yasuo Hachiya, Satoko Kumada, Satoko Shigetomo, Eiji Kurihara (Japan)

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P-266 The survey of Marinesco-Sjogren syndrome in Japan

Masahide Goto*, Hirohumi Komaki, Takashi Saito, Yoshiaki Saito, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Mari Okada, Yukiko Hayashi, Ikuya Nonaka, Ichizo Nishino (Japan)

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P-267 Survey of child neurologists' support for mothers of Duchenne muscular dystrophy children

Haruo Fujino*, Yuko Iwata, Saki Shibata, Toshio Saito, Tsuyoshi Matsumura, Osamu Imura, Susumu Shinno (Japan)

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P-268 Novel BAG3 mutations in 2 patients with myofibrillar myopathy

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P-269 Early onset distal myopathy: report of 2 cases

Tetsuya Okazaki*, Hirofumi Komaki, Akihiko Ishiyama, Sayuri Suikigara, Katsunori Fujii, Takashi Saito, Yoshiaki Saito, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Yukiko Hayashi, Ichizo Nishino (Japan)

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P-270 LMNA mutation can show fiber type disproportion

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P-271 Monthly high-dose gammaglobulin therapy for refractory JDM

Jun Matsui*, Seiicirou Yoshioka, Fukiko Ryuuzin, Yuuko Sakaue, Tomoyuki Takano, Yoshihiro Takeuchi (Japan)

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P-272 Pneumothorax associated with noninvasive positive pressure ventilation in muscular dystrophy

Souichi Mukaida*, Naoko Sakai, Kazuhiro Shiraishi (Japan)

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P-273 Efficacy and safety of ramelteon in pediatric neurological patients with insomnia

Akihiko Miyauchi*, Takanori Yamagata, Masako Nagashima, Tokiko Fukuda, Masato Mori, Hideo Sugie, Mariko Momoi (Japan)

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P-274 A case of Down syndrome complicated with Fukuyama type congenital muscular dystrophy

Mariko Okubo*, Kan Takahashi, Hirofumi Komaki, Narihiro Minami (Japan)

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P-275 The relationship between the number of CTG repeats and clinical symptoms in CMyD

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P-276 A case of congenital myopathy with type 1 fiber predominance

Eisuke Kondo*, Hiroto Akaike, Atsushi Kato, Hiroki Fujimoto, Fumika Endoh (Japan)

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P-277 A case of steroid-resistant generalized Myasthenia Gravis treated with Tacrolimus

Tomomi Tanaka*, Kazushi Miya, Takashi Kuramoto, Seiko Fujiki, Chiaki Tanaka, Toshio Miyawaki (Japan)

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P-278 A case of steroid-resistant myasthenia gravis that a good control was obtained by cyclosporine A

Yoshinori Iba*, Shinsuke Fujita, Hidehiko Yanagida, Tsukasa Takemura (Japan)

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P-279 Abnormal cardiac function of patients with spinal muscular atrophy

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P-280 Treatment strategy of a patient with combined autism spectrum disorder and eating disorder

Mitsuru Nawate* (Japan)

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- P-281 Exercise and cold-induced sodium channel myotonia with a SCN4A point mutation
Katsunori Fujii*, Shunichi Sakoda, Satoshi Anzai, Atsuko Takagi, Hiromi Mizuochi, Tadashi Shiohama, Tomoko Uchida, Hideki Uchikawa, Yoichi Kohno (Japan)
**Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan*
- P-282 Two cases of Merosin-deficient congenital muscular dystrophy with home non-invasive ventilation
Mio Watanabe*, Takashi Shiihara, Yumiko Usuda, Takayoshi Kawabata, Kayoko Saitoh (Japan)
**Department of Neurology, Gunma Children's Medical Center, Gunma, Japan*
- P-283 Behavioral profiles in Tuberous Sclerosis
Tatsuhiko Yagihashi*^{1,2}, Kenjiro Kosaki^{1,3}, Takao Takahashi¹ (Japan)
**Department of Pediatrics, Keio University School of Medicine, Tokyo, Japan / Center for Clinical Research, Keio University School of Medicine, Tokyo, Japan*
- P-284 Two siblings with severe infantile form of nemaline myopathy due to ACTA1-gene mutation
Akira Sudo*, Yukiko Hayashi, Hitomo Sano, Nobuaki Kawamura, Ichizo Nishino, Ikuya Nonaka (Japan)
**Department of Pediatrics, Sapporo City General Hospital, Hokkaido, Japan*
- P-285 Favorable effect of steroid therapy for an 11-years-old girl with acute onset narcolepsy
Rie Miyata*, Masaharu Hayashi, Naoyuki Tanuma, Jun Kohyama (Japan)
**The Department of Pediatrics, Tokyo-kita Social Insurance Hospital, Tokyo, Japan*
- P-286 The effect of botulinum toxin against lower extremity spasticity by the additional electrotherapy
Shingo Onishi*, Masao Adachi (Japan)
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- P-287 Long term steroid treatment in three cases of Duchenne muscular dystrophy
Tamami Yano*, Miyuki Toyono, Hiroki Kubota, Sae Ishikawa, Tsutomu Takahashi, Yukio Sawaiishi (Japan)
**Akita University Graduate School of Medicine / Department of Pediatrics, Akita, Japan*
- P-288 A case of Leigh syndrome with mitochondrial DNA G13513A mutation
Sae Ishikawa*, Tamami Yano, Miyuki Toyono (Japan)
**Department of Pediatrics, Akita University Graduate School of Medicine, Akita, Japan*
- P-289 A case of myotubular myopathy with severe hypocalcemia and cholestasis liver injury
Kenji Orii*, Masahiro Morimoto, Yukiko Kasahara, Yusuke Aoki, Takahide Teramoto, Zenichiro Kato, Toshiyuki Fukao, Naomi Kondo (Japan)
**Neonatal care unit, Graduate school of Medicine, Gifu University, Gifu, Japan / Department of Pediatrics Graduate School of Medicine Gifu University, Gifu, Japan*
- Poster Presentation: Developmental Disorder Examination / Vascular Disorder*
- P-290 Sudden onset blindness in a 12-years-old female due to central retinal artery occlusion
Hiromi Mizuochi*, Katsunori Fujii, Maiko Suyama, Atsuko Takagi, Tadashi Shiohama, Hideki Uchikawa, Youichi Kouno (Japan)
**Department of Pediatrics, Graduate School of Medicine, Chiba University, Chiba, Japan*
- P-291 Clinical study of Sturge-Weber syndrome in 8 cases
Hirofumi Kashii*, Aki Ando, Hiroshi Terashima, Sayaka Ohta, Masaya Kubota (Japan)
**Division of Neurology, National Center for Child Health and Development, Tokyo, Japan*
- P-292 Moyamoya disease 8-years-old boy with calcification from infancy
Hideki Uchikawa*, Katsunori Fujii, Hiroshi Oba, Mayuko Fujita, Hiromi Mizuochi, Tadashi Shiohama, Tomoko Okunushi, Atsuko Takagi, Yoichi Kohno (Japan)
**Department of Pediatrics, Graduate School of Medicine, Chiba University, Chiba, Japan*
- P-293 Test-retest reliability of ABC-J in children with pervasive developmental disorder
Takashi Enokizono*, Eiji Nakagawa, Yukari Endo, Shigehiro Nagai, Yuko Matsuda, Takashi Saito, Yoshiaki Saito, Hirofumi Komaki, Kenji Sugai, Masayuki Sasaki, Akira Yasumura, Masumi Inagaki (Japan)
**Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan*
- P-294 Two cases of Sturge-Weber Syndrome with leptomeningeal calcification at the neonatal period
Takeya Awashima*, Masami Shibata, Masaaki Narumiya, Seiichiro Yoshioka, Fukiko Ryuji, Yuko Sakaue, Tomoyuki Takano, Yoshihiro Takeuchi, Toshiaki Taga, Noriko Nishikura (Japan)
**Department of Pediatrics, Nagahama Red Cross Hospital, Shiga, Japan*
- P-295 Clinical course of a girl suffering cavernous sinus syndrome
Mari Hatanaka*, Syuichi Shimakawa, Shohei Nomura, Miho Fukui, Hiroshi Tamai (Japan)
**Department of Pediatrics, Osaka Medical College, Osaka, Japan*
- P-296 Long-term change of childhood autism rating scale in children with pervasive developmental disorders
Naoko Nishigami*, Nobuaki Iwasaki, Junko Nakayama, Hideyo Kinugasa, Emi Inada, Kenji Shin (Japan)
**Department of Pediatrics, Ibaraki Prefectural University of Health Science, Ibaraki, Japan*
- P-297 Cerebral infarction triggered by influenza infection in two patients with moyamoya disease
Daisuke Tajima*, Muneaki Matsuo (Japan)
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- P-298 Effect of variation in inter-stimulus interval on the Continuous performance test
Yasuko Tsushima*, Satoshi Sanada, Masafumi Yanagihara, Shigeru Ohno, Toshimi Hirasawa, Makio Oka, Tatsuya Ogino, Yoko Ohtsuka (Japan)
**The Joint Graduate School (Ph.D. Program) in Science of School Education, Hyogo University of Teacher Education, Hyogo, Japan / Division of Developmental Studies and Support, Graduate School of Education, Okayama University, Okayama, Japan*
- P-299 Is Neonatal oxytocin assay useful for early diagnosis and therapy of oxytocin deficiency autism?
Naoyuki Ishikita*, Kazuki Masu, Yuki Ueda, Kosuke Otsuka, Midori Nakajima, Hideaki Shiraishi (Japan)
**Department of Anatomy, Iwate Medical University, Iwate, Japan / Department of Pediatrics, Aomori Medical Center for health and Rehabilitation, Aomori, Japan*
- P-300 A case of familial hemiplegic migraine with diagnostic findings in MRA and EEG
Takatoshi Hosokawa*, Naomi Mitsuda, Taku Ooishi, Hisashi Takasugi, Hiroaki Hisakawa, Mikiya Fujieda, Hiroshi Wakiguchi (Japan)
**Department of Pediatrics, Kochi Medical School, Kochi University, Kochi, Japan*
- P-301 Executive function in children with PDD comorbid AD/HD assessed by the Wisconsin card sorting test
Yoko Kado*, Satoshi Sanada, Masafumi Yanagihara, Tatsuya Ogino, Shigeru Ohno, Kiyoko Watanabe, Kousuke Nakano, Teruko Morooka, Makio Oka, Yoko Ohtsuka (Japan)
**Department of Psychology, Faculty of Letters, Kansai University, Osaka, Japan*
- P-302 The Six Cases of Cerebral Infarction
Nobuyoshi Sugiyama*, Jyun-ichi Yokoyama, Mariko Ikegami, Yoshihiro Miyashita, Shin-ichi Matsuda (Japan)
**The Department of Pediatrics, Tokai University School of Medicine, Kanagawa, Japan*
- P-303 Analysis of EEG examination among siblings with developmental disorder
Masao Kawatani*, Hiroshi Kometani, Genrei Ohta, Yusei Ohshima, Akemi Tomoda, Michio Hiratani (Japan)
**Department of Pediatrics, Faculty of Medical Sciences, University of Fukui, Fukui, Japan / Hiratani Clinic for Developmental Disorders of Children, Fukui, Japan*
- P-304 Urinary 6-hydroxy-melatonin sulfate excretion and circadian rhythm in patients with Rett syndrome
Naoyuki Tanuma*, Satoshi Komine, Michio Fukumizu, Keiko Tominaga, Kazuo Nemoto, Keisuke Nakajima, Rie Miyata, Masaharu Hayashi, Hiroshi Ozawa (Japan)
**Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled, Tokyo, Japan / Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan*
- P-305 A case of moyamoya like disease with hyperthyroidism
Hisako Hayashi*, Genrei Ohta, Hiroshi Kometani, Masao Kawatani, Yusei Ohshima (Japan)
**Department of Pediatrics, University of Fukui, Faculty of Medical Sciences, Fukui, Japan*
- P-306 Auditory event-related evoked potential in children with attention deficit/hyperactivity disorder
Hiroyuki Wakamoto*, Mika Kawabe, Hideo Nagao, Takehiko Morimoto (Japan)
**Department of Pediatric Neurology, Ehime Prefecture Rehabilitation Center, Ehime, Japan*
- P-307 Follow-up study of eZIS for two cases with autism spectrum disorders
Motoyuki Minamitani*, Schin-Ichiro Hamano, Manabu Tanaka, Kenjiro Kikuchi, Ryuki Matsuura, Kotoko Sugaya, Hiroyuki Ida (Japan)
**Saitama Children's Medical Center, Center for Child Health and Medical Development, Saitama, Japan / The Jikei University School of Medicine, Tokyo, Japan*
- P-308 The effect of methylphenidate to reading ability in ADHD children
Akira Hojo*, Masaru Tatsuno, Kentarou Hanaoka, Kouji Morita, Kazuo Itahashi (Japan)
**The Pediatrics, Showa University, Tokyo, Japan*
- P-309 Study for the frontal lobe function using by NIRS in relation to the autistic behavior
Taemi Niimi*, Yuji Inaba, Mitsuo Motobayashi, Takafumi Nishimura, Naoko Shiba (Japan)
**Department of Pediatrics, Shinshu University school of Medicine, Nagano, Japan*
- P-310 Withdrawn
- P-311 Eye clinic specialized for the people with developmental disorders
Hiroko Yamazaki* Masumi Inagaki, Tomoka Kobayashi, Makiko Kaga (Japan)
**Department of Ophthalmology, Kohnodai Hospital, National Center for Global Health and Medicine / Department of Developmental Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry, Chiba, Japan*
- P-312 A case of left serpentine aneurysm occurred in the right upper limb paresis and dysarthria
Tadaki Oomae*, Toshio Osamura, Masahumi Hasegawa (Japan)
**The Department of Pediatrics, Kyoto Second Red Cross Hospital, Kyoto, Japan*
- P-313 A case of infantile brain infarction that was noticed by drowsiness and right conjugate deviation
Hirotsuka Minema* (Japan)
**Nakagami General Hospital, Okinawa, Japan*
- P-314 Development tests in our hospital
Shinya Koizumi*, Chiharu Miyatake, Osamu Fujino (Japan)
**Department of Pediatrics, Nippon Medical School Chiba Hokusyo Hospital, Chiba, Japan*

Poster Presentation: Learning Disorder /Autonomic Nerve, Headache /Electrophysiology /Imaging/Peripheral Nerve

P-315 Developmental changes of Oxy-Hb in the frontal cortex during rock, paper, scissors task with NIRS.

Sayaka Ishii*, Yoshimi Kaga, Kakuro Aoyagi, Tomoko Tando, Hideaki Kanemura, Kanji Sugita, Masao Aihara (Japan)

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P-316 Evaluation of magnocellular function using visual evoked potentials and its effect on reading skills

Tomoka Kobayashi*, Masumi Inagaki, Hiroko Yamazaki, Yousuke Kita, Hisako Yamamoto, Makiko Kaga (Japan)

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P-317 Usefulness of Ramelteon at the time of the electroencephalography

Hirotoshi Akaie*, Eisuke Kondo, Atushi Katou, Hiroki Hujimoto (Japan)

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P-318 The naratriptan improved his migraine involved homonymous hemianopsia in a Sturge-Weber syndrome

Shouhei Nomura*, Shuichi Shimakawa, Miho Fukui, Mituru Kashiwagi, Takuya Tanabe, Hiroshi Tamai (Japan)

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P-319 Cyclosporin A treatment in a case of 7 years old female patient with frequent relapsing CIDP

Tatsuyuki Sokoda*, Seiichiro Yoshioka, Tomoyuki Takano, Yoshihiro Takeuchi (Japan)

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P-320 Abnormal brain function for phonological manipulation in dyslexic children

Yosuke Kita*, Hisako Yamamoto, Kentaro Ohba, Yuri Terasawa, Yoshiya Moriguchi, Makiko Kaga, Masumi Inagaki (Japan)

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P-321 An evaluation method for the development of the cortical motor area using MRI

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P-322 Chronic inflammatory demyelinating neuropathy -a treatment and clinical course-

Atsuko Takagi*, Katsunori Fujii, Mayuko Fujita, Hiromi Mizuuchi, Maiko Suyama, Tadashi Shiohama, Hideki Uchikawa, Youichi Kouno (Japan)

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P-323 Cerebral Blood Flow and Oxygen Metabolism during Schellong Test in Patients with POTS

Ayumi Endo*, Yukihiko Fujita, Hideo Mugishima, Kaoru Sakatani (Japan)

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P-324 Morphological spectrum of hippocampal infolding using magnetic resonance imaging at 3 Tesla

Kayoko Yoshino*, Toshinori Kato (Japan)

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P-325 Diffusion tensor analyses of acute encephalitis with refractory repetitive partial seizures

Taiki Shima*, Akihisa Okumura, Mitsuru Ikeno, Shinpei Abe, Toshiaki Shimizu (Japan)

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P-326 The effect of Decoding Training with DVD and method of evaluation for reading difficulty children

Hitoshi Uchiyama*, Ayumi Seki, Daisuke Tanaka, Eiji Wakamiya, Tatsuya Koeda (Japan)

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P-327 A boy with acute autonomic and sensory neuropathy depending on intravenous hyperalimentation

Kana Tamai*, Ryuta Tanaka, Isho Izumi, Tae Kamakura, Hitoshi Kikuchi, Tatsuyuki Ohto, Akiko Ishii, Ryo Sumazaki, Masahiro Tsuchida (Japan)

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P-328 Neural responses to biological motion and face in people with Williams syndrome or 22q11.2- syndrome

Masahiro Hirai*, Miho Nakamura, Yukako Muramatsu, Ryusuke Kakigi (Japan)

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P-329 Asking their daily life is an important thing to treat younger children's headache

Takashi Mitsufuji*, Fumio Yamamoto, Yasuyuki Ito, Youichirou Hashimoto, Nobuo Araki (Japan)

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P-330 30 cases of migraine in childhood.

Miki Inutsuka* (Japan)

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P-331 Marked hemiatrophy in cases of children

Hidee Arai*, Koichi Mitsui, Tomoko Uchida, Toshino Motojima, Taku Omata, Yuzo Tanabe (Japan)

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- P-332 Application of automated epileptic seizure detection system in intensive care unit
Azusa Maruyama*, Masahiro Nishiyama, Kyoko Fujita, Hiroaki Nagase (Japan)
**Department of Neurology, Hyogo Prefectural Kobe Children's Hospital, Hyogo, Japan*
- P-333 The predictive factors for reading and writing skills of second graders
Tatsuya Ogino*, Kaoru Hanafusa, Akihito Takeuchi, Teruko Morooka, Makio Oka, Yoko Ohtsuka (Japan)
**Department of Children Studies, Faculty of Children Studies, Chugokugakuen University, Okayama, Japan*
- P-334 A case of osteogenesis imperfect type1 associated with megalencephaly and ventricular enlargement
Tadashi Shiohama*, Hiromi Mizuochi, Hideki Uchikawa, Katsunori Fujii, Yoichi Kohno (Japan)
**Department of Pediatrics, Graduate School of Medicine, Chiba University, Chiba, Japan*
- P-335 Developmental change in the neural substrate for reading kana: an fMRI study
Ayumi Seki*, Hitoshi Uchiyama, Daisuke Tanaka, Tatsuya Koeda (Japan)
**Faculty of Regional Sciences, Department of Regional Education, Tottori University, Tottori, Japan / National Hospital Organization Tottori Medical Center, Tottori, Japan*
- P-336 Background activity on EEG in autism spectrum disorders
Yumi Okoshi*, Akiko Yamamoto, Hitomi Noguchi, Shihou Honzawa, Shuhei Ide, Yasuhiro Arai, Hideomi Ohta, Tatuo Masuyama, Yuji Iwasaki, Masataka Arima (Japan)
**Tobu Medical Center for Persons with Developmental Multiple Disabilities, Tokyo, Japan*
- P-337 Diffuse signal change in cerebral white matter on MRI leading to no corresponding symptom
Hiroshi Kometani*, Masao Kawatani, Genrei Ohta, Yusei Ohshima, Kazushi Miya, You Niida (Japan)
**The Department of Pediatrics, University of Fukui Hospital, Fukui, Japan*
- P-338 Two familial cases of CMT with pyramidal features caused by mutation in the MFN2
Kazuya Itomi*, Motomasa Suzuki, Atsuko Ono (Japan)
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- P-339 Complaint of walking disorder after Guillain-Barre syndrome
Keiko Nomura*, Hiroshi Kosuge, Shiro Ozasa, Shigemi Kimura (Japan)
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