The 57th Annual Meeting of
the Japanese Society of Child Neurology

May 27–May 31, 2015
Empire Hotel Osaka

PROGRAM
The 57th Annual Meeting of the Japanese Society of Child Neurology

Presidential Lecture
Promote further progress in child neurology based on a global partnership of health professionals and scientists, and bring joy to all children with neurological disorders
Chair: Satoshi Takada (Japan)
Graduate School of Health Sciences, Kobe University, Kobe, Japan
Speaker: Toshisaburo Nagai (Japan)
Pool Gakuen University / Osaka University Graduate School of Medicine, Faculty of Medicine, Osaka, Japan

Keynote Lecture 1
The future life supported by robots - Daily life support and learning supports by robots -
Chair: Takao Takahashi (Japan)
Department of Pediatrics, Keio University School of Medicine, Tokyo, Japan
Speaker: Hiroshi Ishiguro (Japan)
Department of Systems Innovation, Osaka University, Osaka, Japan

Keynote Lecture 2
International collaboration for empowerment of children with disability: through global network of child neurology
Chair: Toshisaburo Nagai (Japan)
Pool Gakuen University / Osaka University Graduate School of Medicine, Faculty of Medicine, Osaka, Japan
Speaker: Yasuhide Nakamura (Japan)
Graduate School of Human Sciences, Osaka University, Osaka, Japan

Special Lecture 1
Perspectives of child neurology: initiative as distinguished professional leaders
Chair: Kousaku Ohno (Japan)
Sanin Rosai Hospital, Tottori, Japan
Speaker: Takao Takahashi (Japan)
Department of Pediatrics, Keio University School of Medicine, Tokyo, Japan

Special Lecture 2
The bridge over child neurology and adult neurology
Chair: Mitsuru Kawai (Japan)
National Hospital Organization East Saitama National Hospital, Saitama, Japan
Speaker: Keizo Hirayama (Japan)
Chiba University, Chiba, Japan

Invited Lecture 1
Stand up for epilepsy, together with one voice
Chair: Hitoshi Yamamoto (Japan)
Marianna University, School of Medicine, Kanagawa, Japan
Speaker: Solomon L. Moshe (USA)
Saul R. Korey Department of Neurology, Dominick P. Purpura Department of Neuroscience, Department of Pediatrics Laboratory of Developmental Epilepsy, Montefiore, Einstein Epilepsy Management Center, Albert Einstein College of Medicine and Montefiore Medical Center

Invited Lecture 2
Evidence based interventions for children with Cerebral Palsy: what should the therapy be?
Chair: Kazuhiro Haginoya (Japan)
Pediatric Neurology, Takuto Rehabilitation Center for Children, Sendai, Japan
Speaker: Roslyn N. Boyd (Australia)
Queensland Cerebral Palsy Research centre, The University of Queensland, Brisbane, Australia

Invited Lecture 3
Precision medicine in epilepsy: how genetics informs clinical practice
Chair: Shinichi Hirose (Japan)
Department of Pediatrics, Fukuoka University School of Medicine, Fukuoka, Japan
Speaker: Ingrid E. Scheffer (Australia)
Florey Institute of Neuroscience and Mental Health, The University of Melbourne, Departments of Medicine and Paediatrics, The University of Melbourne, Austin Health and Royal Children’s Hospital, Melbourne, Australia

Invited Lecture 4 (Segawa Program)
Progress in Understanding the Brain in Autism
Chair: Tatsuya Koeda (Japan)
Department of Regional Education, Faculty of Regional Sciences, Tottori University
Speaker: Robert T. Schultz (USA)

Educational Lecture 1
Brain-machine interface (BMI), expanding the world of neuroscience
Chair: Hiroaki Sakamoto (Japan)
Department of Pediatric Neurosurgery, Children’s Medical Center, Osaka City General Hospital
Speaker: Toshiki Yoshimine (Japan)
Department of Neurosurgery, Osaka University Medical School, Osaka, Japan
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Educational Lecture 2
Autophagy: Roles for intracellular degradation
Chair: Shinji Fushiki (Japan)
Department of Pathology and Applied Neurobiology, Kyoto Prefectural University of Medicine, Graduate School of Medical Science, Kyoto, Japan
Speaker: Noboru Mizushima (Japan)
Department of Biochemistry and Molecular Biology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

Educational Lecture 3
Remodeling of Functional Neuronal Circuits in Development
Chair: Masashi Mizuguchi (Japan)
Department of Developmental Medical Sciences, the University of Tokyo, Tokyo, Japan
Speaker: Junichi Nabekura (Japan)
National Institute for Physiological Sciences, Okazaki, Japan

Educational Lecture 4
Molecular Therapies for Duchenne Muscular Dystrophy
Chair: Kayoko Saito (Japan)
Institute of Medical Genetics, Tokyo Women’s Medical University, Tokyo, Japan
Speaker: Yasuhiro Takeshima (Japan)
Department of Pediatrics, Hyogo College of Medicine, Hyogo, Japan

Symposium 1
Chairs: Harumi Yoshinaga, Yasuhiro Suzuki (Japan)
1. Support for transition of children and young adults with chronic diseases: Activities of the Japan Pediatric Society
Masashi Mizuguchi (Japan)
Department of Developmental Medical Sciences, the University of Tokyo, Tokyo, Japan
2. Transitional medicine of patients with severe motor and intellectual disabilities (SMID)
Tadashi Matsubasa (Japan)
The Chair of Severe Motor and Intellectual Disabilities, Kumamoto University Hospital, Kumamoto, Japan
3. Transition from pediatric to adult care in severely handicapped patients requiring medical care
Yasuhiro Suzuki (Japan)
Department of Pediatric Neurology, Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan
4. Multidisciplinary cooperation in the transition from childhood to adulthood in patients with severe mental and physical disabilities — Experience in outpatient nursing care at Okayama University Hospital —
Hiromi Handa, Harumi Yoshinaga, Katsuhiro Kobayashi (Japan)
1 Department of Nursing, Okayama University Hospital, Okayama, Japan
2 Department of Child Neurology, Okayama University Hospital, Okayama, Japan
3 Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Science, Okayama, Japan
5. Expected role of neurologists in home care support for seriously intractable neurological diseases
Yusaku Nakamura (Japan)
Department of Neurology, Sakai Hospital, Kinki University Faculty of Medicine

Symposium 2
Chairs: Tatsushi Maetsuru, Hirofumi Komaki (Japan)
1 Department of Neurology, National Hospital Organization Toneyama National Hospital, Japan
2 Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan
1. Overview of central nervous system disorder in Dystrophinopathy
Toshio Saito (Japan)
Division of Child Neurology, Department of Neurology, National Hospital Organization Toneyama National Hospital, Osaka, Japan
2. Psychological examination of Developmental Disorder in Patients with Muscular Dystrophy
Osamu Imura (Japan)
Graduate School of Human Sciences, Osaka University, Osaka, Japan
3. Abnormalities of the central nervous system in Duchenne muscular dystrophy model mice
Masayuki Sekiguchi (Japan)
Department of Degenerative Neurological Diseases, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan
4. Clinical Neurophysiology of Dystrophinopathy
Shugo Suwazono (Japan)
Division of Neurology, National Hospital Organization Okinawa National Hospital, Ginowan, Japan
5. Cases with DMD and autism
Kazuhito Shiraishi (Japan)
Utano national hospital Ube, Kyoto, Japan

Symposium 3
Chairs: Mana Kurihara, Takashi Araki (Japan)
1 Department of Pediatrics, The Kanagawa Rehabilitation Center, Kanagawa, Japan
2 Department of Emergency and Critical Care Medicine, Nippon Medical School Hospital, Tokyo, Japan
1 Acute care of pediatric traumatic brain injury aiming at long-term outcome in cerebral function
Takashi Araki (Japan)
The 57th Annual Meeting of the Japanese Society of Child Neurology

Department of Emergency and Critical Care Medicine, Nippon Medical School Hospital, Tokyo, Japan

2. Current Status of Sequel after Traumatic Brain Injury in Children
Mana Kurihara (Japan)

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

3. Rehabilitation of children with traumatic brain injury
Manabu Yoshishashi (Japan)

Department of Pediatrics, Kanagawa rehabilitation center, Kanagawa, Japan

4. Scientific injury prevention for children in local community
Kimiko Deguchi, Mana Kurihara, Takashi Araki (Japan)

Deguchi Pediatric Clinic, Nagasaki, Japan

*Digital Human Research Center, Tokyo, Japan

1. Love and Scatly Omura, Tokyo, Japan

5. Child Protection on Vehicle Development
Masahiro Awanou, Tomoaki Takamiya (Japan)

1Japan Automobile Manufacturers Association, Inc. Tokyo, Japan

2Mitsubishi Motors Corporation, Tokyo, Japan

Symposium 4

Chairs: Masako Taniike, Akemi Tomoda (Japan)

1United Graduate School of Child Development, Osaka University, Osaka, Japan

2Research Center for Child Mental Development, University of Fukui, Fukui, Japan

1. Measurement of brain function in pre-school children with autism spectrum disorder
Mitsuru Kikuchi (Japan)

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

2. Molecular imaging of autism spectrum disorder: PET studies
Katsuki Suzuki (Japan)

Department of Psychiatry, Hamamatsu University School of Medicine, Hamamatsu, Japan

3. Neuroimaging study of Typically Developing Children and Adolescents
Daisuke Saito (Japan)

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

4. Physiological mechanism underlying sensory abnormalities in Autism Spectrum Disorder
Kiriko Shimono (Japan)

United Graduate School of Child Development, Osaka University, Kanazawa University, Hamamatsu University Graduate School of Medicine, Chiba University and University of Fukui, Fukui, Japan

5. Cognitive Remediation Therapy for people suffering from Autism Spectrum Disorder (ASD)
Michiko Nakazato, Tomoko Okuda (Japan)

Research Center for Child Mental Development, Chiba University Graduate School of Medicine, Chiba, Japan

Osaka University, Kanazawa University, Hamamatsu University, Graduate School of Medicine, Chiba University, Fukui University, United Graduate School of Child Development, Japan

Symposium 5

Chairs: Shin Nabatame, Noboru Mizushima (Japan)

1Department of Pediatrics, Graduate School of Medicine, Osaka University, Suita, Japan

2Department of Biochemistry and Molecular Biology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

1. De novo mutations in the autophagy gene WDR45 cause SENDA
Kazuhiro Muramatsu (Japan)

Department of Pediatrics, Gunma University Graduate School of Medicine, Gunma, Japan

2. Autophagy in Vici syndrome, mucolipidosis type IV and intractable epilepsy
Masaharu Hayashi (Japan)

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

3. Autophagic vacuolar myopathy
Ichiro Nishino (Japan)

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

4. The enhancement of protein degradation systems exerts therapeutic effects in spinal and bulbar muscular atrophy
Hiroaki Adatchi (Japan)

Department of Neurology, University of Occupational and Environmental Health School of Medicine, Kitakyushu, Japan

Symposium 6

Chairs: Masashi Shiomori, Hiroshi Sakuma (Japan)

1Aizenbashi Hospital Osaka, Japan

2Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan

1. Diagnostic values of autoantibodies in acute encephalitisencephalopathy
Keiko Tanaka (Japan)

Department of Life Science, Medical Research Institute, Kanazawa Medical University, Ishikawa, Japan

2. Pitfalls in diagnosis and treatment of anti-NMDA receptor encephalitis
Takahiro Iizuka (Japan)

Department of Neurology, Kitasato University School of Medicine, Sagamihara, Japan

3. Encephalitis caused by herpesviruses
Hiroshi Kimura (Japan)

Department of Virology, Nagoya University Graduate School of Medicine, Nagoya, Japan

4. Acute encephalitisencephalopathy and cytokines
Hiroshi Sakuma (Japan)

Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan
5. Usefulness of continuous electroencephalogram and intracranial pressure monitoring and neuroimaging in patients with acute encephalitis and encephalopathy
Ichiro Kuki*, Masashi Shiomi, Shin Okazaki, Hisashi Kawasaki, Kiyotaka Tomiwa, Kiyoko Amo, Masao Togawa, Togawa Masao (Japan)
1The Department of Pediatric Neurology, Children Medical Center, Osaka City General Hospital, Osaka, Japan 2Aizenbashi Hospital
3The Department of Pediatric Neurology, Children Medical Center, Osaka City General Hospital, Osaka, Japan

Symposium 7
Chairs: Shinji Saitoh 1, Kenjiro Kosaki 2 (Japan)
1Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan
2Center for Medical Genetics, Keio University School of Medicine, Tokyo, Japan
1. For the establishing of criteria in prenatal diagnosis of intractable fetal brain malformation
Mami Yamasaki (Japan)
Department of pediatric neurosurgery, Takatsuki General Hospital, Takatsuki, Japan
2. Neurosonographic Imaging Diagnosis of Fetal CNS Malformation
Ritsuko Pooh (Japan)
CRIFM Clinical Research Institute of Fetal Medicine Pooh Maternity Clinic, Osaka, Japan
3. MRI diagnosis of the central nervous system anomalies in the fetus
Hidetsuna Utsunomiya (Japan)
Department of Radiological Science, International University of Health and Welfare, Graduate School, Ootawara, Japan
4. Neuropathological studies on developmental brain anomalies
Kyoko Itoh (Japan)
The Department of Pathology and Applied Neurobiology, the Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan
5. Molecular diagnosis of brain malformations
Mitsuhiro Kato (Japan)
Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

Symposium 8
Chairs: Makoto Sato 1, Kumi Kuroda 2 (Japan)
1Department of Anatomy and Neuroscience, Osaka University Graduate School of Medicine, Suita, Japan
2Lab for Affiliative Social Behavior, RIKEN Brain Science Institute, Saitama, Japan
1. Neural mechanism and functional significance of mammalian Transport Response
Kumi Kuroda, Sachie Kuroda, Esposito Gianluca (Japan)
Lab for Affiliative Social Behavior, RIKEN Brain Science Institute, Saitama, Japan
2. Effect of environmental factors on brain development and functions
Kazunori Nakajima (Japan)
Department of Anatomy, Keio University School of Medicine, Tokyo, Japan
3. Synaptic plasticity: from bench to bedside
Takuya Takahashi (Japan)
Department of physiology, Yokohama City University School of Medicine, Yokohama, Japan
4. From the bench: Developmental disorders and a novel molecule in the spine
Makoto Sato (Japan)
Department of Anatomy and Neuroscience, Osaka University Graduate School of Medicine, Suita, Japan
Department of Developmental Neuroscience, United Graduate School of Child Development, Osaka University, Osaka, Japan

Symposium 9
Chairs: Shinji Saitoh 1, Kenjiro Kosaki 2 (Japan)
1Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Sendai, Japan
2Department of Pediatric Neurology, Central Hospital, Aichi Human Service Center, Kasugai, Japan
1. For the establishing of criteria in prenatal diagnosis of intractable fetal brain malformation
Mami Yamasaki (Japan)
Department of pediatric neurosurgery, Takatsuki General Hospital, Takatsuki, Japan
2. Neurosonographic Imaging Diagnosis of Fetal CNS Malformation
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4. Neuropathological studies on developmental brain anomalies
Kyoko Itoh (Japan)
The Department of Pathology and Applied Neurobiology, the Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan
5. Molecular diagnosis of brain malformations
Mitsuhiro Kato (Japan)
Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

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Symposium 10
Chairs: Kousaku Ohno 1, Norio Sakai 2 (Japan)
1 Sanin Rosai Hospital, Tottori, Japan
2 Department of Pediatrics Osaka University Graduate School of Medicine, Osaka, Japan

1. New treatment for Niemann-Pick Type C disease
Muneaki Matsuo1, Daisuke Tajima1, Shoko Shimokawa1, Motofumi Koguchi2, Kouhei Inoue2, (Japan)
1Department of Pediatrics, Faculty of Medicine, Saga University, Saga, Japan
2Department of Neurosurgery, Faculty of Medicine, Saga University, Japan

2. Chaperone Therapy for Gaucher disease
Aya Narita1*, Yoshihiro Maegaki1, Yoshiyuki Suzuki3, Kousaku Ohno1,2 (Japan)
1Division of Child Neurology, Tottori University, Yonago, Japan
2Sanin Rosai Hospital, Yonago, Japan
3Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan

3. Development of enzyme replacement therapy via intrathecal infusion
Norio Sakai (Japan)
Department of Pediatrics Osaka University Graduate School of Medicine, Osaka, Japan

4. L-arginine therapy on MELAS
Yasutoshi Koga (Japan)
Department of Pediatrics and Child Health, Kurume University Graduate School of Medicine, Kurume, Japan

Theme symposium
Chairs: Masaharu Hayashi1, Kaeko Ogura2 (Japan)
1 The Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan
2 Department of Pediatric Neurology, Morinomiya Hospital, Osaka, Japan

1. Swift review of Intractable disease
Akihisa Maeda (Japan)
Specific Disease Control Division, Health Service Bureau, MHLW, Tokyo, Japan

2. Medical aid projects for specific chronic pediatric diseases after revision of the Child Welfare Act
Kaeko Ogura (Japan)
Department of Pediatric Neurology, Morinomiya Hospital, Osaka, Japan

3. Issues and anticipations of the systems specific chronic pediatric disease
Nobuaki Kobayashi (Japan)
The Supporting Network for Chronic Sick Children of Japan, Tokyo, Japan

Refresh seminar 1 : How to interpret the results of genetic tests: basic requirements for pediatric neurologists
Chair: Norio Sakai (Japan)
Department of Pediatrics Osaka University Graduate School of Medicine, Osaka, Japan
Speaker: Shinji Saito (Japan)
Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan

Refresh seminar 2 : Basic component program of Parent Training
Chair: Hiroshi Tamai (Japan)
Department of Pediatrics, Osaka Medical College, Osaka, Takatsuki, Japan
Speaker: Hidemi Iwasaki (Japan)
Center of Special Needs Education, Nara University of Education, Nara, Japan

Refresh seminar 3 : Handling of children with borderline mental development
Chair: Asayo Ishizaki (Japan)
Clinic Division of Medicine The Japanese Association on Intellectual and Development Disorders
Speaker: Jiro Ono (Japan)
Department of Special Education, Faculty of Education, Wakayama University, Wakayama, Japan

Special Session 1 : Studying abroad to the foreign countries, shall we lesson the experience from experts?
Chairs: Kazuhiro Muramatsu1, Hiroyuki Kidokoro2 (Japan)
1 Department of Pediatrics, Gunma University Graduate School of Medicine, Gunma, Japan
2 Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan

1. My personal experience as a child neurologist in Italy
Yuji Sugawara (Japan)
Department of Pediatrics, Tokyo Medical and Dental University, Tokyo, Japan

2. My study abroad experience in Melbourne
Masakazu Mimaki, (Japan)
Department of Pediatrics, Teikyo University School of Medicine, Tokyo, Japan

3. Toronto, my other life
Tohru Okanishi (Japan)
Department of child neurology, Seirei-Hamamatsu General Hospital, Hamamatsu, Japan

4. 14-year-old girl with pain and tingling of leg and hip
Yu Tsuyusaki*, Seijirou Aso (Japan)
The Department of Neurology, Kanagawa Children's Medical Center, Yokohama, Japan / The Department of Pediatrics, Japanese Red Cross Medical Center, Tokyo, Japan
Special Session 2: Electrophysiology in inflammatory neuropathies
Chair: Satoko Kumada (Japan)
Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan
Speaker: Satoshi Kuwabara
Department of Neurology, Chiba University, Chiba, Japan

Special Session 3: Inherited GPI deficiency: A new disease with epilepsy and intellectual disability
Chair: Tatsuya Fujii (Japan)
Shiga Medical Center for Children, Shiga, Japan
Speaker: Yoshihiko Murakami
Department of Immunoregulation, Research Institute for Microbial Diseases, Osaka University, Suita, Japan

Practical Education Seminar 1: Neuroimaging for Pediatricians, 2015
Chairs: Jun-Ichi Takanashi1, Hiroshi Oba2 (Japan)
1 Department of Pediatrics, Tokyo Women’s Medical University Yachiyo Medical Center, Yachiyo, Japan
2 Department of Radiology, Teikyo University Hospital, Tokyo, Japan

1. Clinical approach to pediatric leukoencephalopathy
Jun-Ichi Takanashi (Japan)
Department of Pediatrics, Tokyo Women’s Medical University Yachiyo Medical Center, Yachiyo, Japan

2. Key diagnostic findings and signs for the child central nervous disorders
Hiroshi Oba (Japan)
Key diagnostic findings and signs for the child central nervous disorders

3. Neurocutaneous syndromes and cerebrovasculardiseases
Harushi Mori (Japan)
Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

4. How to make an accurate diagnosis of malformations of central nervous system
Mitsuhiro Kato (Japan)
Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

5. Fetal CNS Imaging Diagnosis - Neuro-sonoembryology and Neurosonology -
Ritsuko Pooh (Japan)
CRIFM Clinical Research Institute of Fetal Medicine Pooh Maternity Clinic, Tokyo, Japan

Practical Education Seminar 2: Up-to-date for understanding of neurodevelopment disorders
Chair: Akemi Tomoda (Japan)
Research Center for Child Mental Development, University of Fukui, Fukui, Japan

The knack of treating developmental disorders
Toshiro Sugiyama (Japan)
Department of Child and Adolescent Psychiatry, Hamamatsu University School of Medicine, Hamamatsu, Japan

Practical Education Seminar 3: Genetic syndromes in Pediatric Neurology
Chairs: Nobuhiko Okamoto1, Seiji Mizuno2 (Japan)
1 Department of Medical Genetics, Osaka Medical Center and Research Institute for Maternal and Child Health, Izumi, Japan
2 Central Hospital, Aichi Human Service Center, Aichi, Japan

1. Clues to recognition of dysmorphology
Shinsuke Ninomiya (Japan)
Department of Clinical Genetics, Kurashiki Central Hospital

2. Recently reported genetic syndromes
Nobuhiko Okamoto (Japan)
Department of Medical Genetics, Osaka Medical Center and Research Institute for Maternal and Child Health, Izumi, Japan

3. Characteristic behavior of children with congenital anomaly syndrome
Seiji Mizuno (Japan)
Central Hospital, Aichi Human Service Center, Aichi, Japan

Practical Education Seminar 4: Interpretation of intelligence tests
Chair: Kiyotaka Tomiwa (Japan)
Todaiji Medical and Educational Center, Nara, Japan

Interpretation of intelligence tests
Yosuke Kita (Japan)
Department of Developmental Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry (NCNP), Tokyo, Japan

Practical Education Seminar 5: Cerebral palsy: diagnosis and treatment
Chairs: Kenji Yokochi1, Hiroshi Arai2 (Japan)
1 Department of Pediatric Neurology, Seirei-Mikatahara Hospital, Hamamatsu, Japan
2 Department of Pediatric Neurology, Morinomiya Hospital, Osaka, Japan

1. Cerebral palsy: diagnosis and classification
Kenji Yokochi
Department of Pediatric Neurology, Seirei-Mikatahara Hospital, Hamamatsu, Japan

2. Developmental features in each type of cerebral palsy
Hiroshi Arai
Department of Pediatric Neurology, Morinomiya Hospital, Osaka, Japan
Luncheon Seminar 1
Chairs: Takao Takahashi (Japan)
Department of Pediatrics, Keio University School of Medicine, Tokyo, Japan
1. Management of tuberous sclerosis: present and future
Hideo Yamanouchi (Japan)
Department of Pediatrics, Saitama Medical University, Saitama, Japan
2. Everolimus therapy against tuberous sclerosis
Keiko Yanagihara (Japan)
Department of Pediatric Neurology, Osaka Medical Center and Research Institute for Maternal and Child Health

Luncheon Seminar 2
Chairs: Osawa Masako (Japan)
Department of Pediatrics, Tokyo Women's Medical University Yachiyo Medical Center, Chiba, Japan
1. Timing of Epilepsy Surgery
Ryoko Honda (Japan)
Department of Pediatrics, National Hospital Organization Nagasaki Medical Center
2. Impact of neurosurgical therapy for drug resistant epilepsy among children
Akihisa Okumura (Japan)
Department of Pediatrics, Aichi Medical University, Nagakute, Aichi, Japan

Luncheon Seminar 3
Chairs: Norio Sakai (Japan)
Department of Pediatrics Osaka University Graduate School of Medicine, Osaka, Japan
1. Diagnosis of neuronopathic Gaucher disease and effects of enzyme replacement therapy
Hiroyuki Ida (Japan)
Department of Pediatrics, The Jikei University School of Medicine
2. Neurological manifestations in Gaucher disease and therapeutic strategies
Aya Narita (Japan)
Division of Child Neurology, Tottori University, Yonago, Japan

Luncheon Seminar 4
Chairs: Hitoshi Yamamoto (Japan)
Marianna University, School of Medicine, Kanagawa, Japan
Is the measurement of serum level for new antiepileptic drugs unnecessary? The strategies based on TDM
Toshiyuki Iwasaki (Japan)
Department of Pediatrics, School of Medicine, Kitasato University, Kanagawa, Japan

Luncheon Seminar 5
Chairs: Yoshihiro Maegaki (Japan)
Department of Child Neurology, Institute of Neurological Sciences, Faculty of Medicine, Tottori University, Tottori, Japan
Intrathecal Baclofen Therapy for Hypertonic Children
Muneaki Matsuo (Japan)
Department of Pediatrics, Faculty of Medicine, Saga University, Saga, Japan

Luncheon Seminar 6
Chairs: Hiroko Kojima (Japan)
Department of Pediatrics, Tokyo University Tokyo, Japan
Short Stature and Small for Gestational Age
Ryuzo Takaya (Japan)
Department of Pediatrics, Osaka Medical College, Takatsuki, Japan

Luncheon Seminar 7
Chairs: Masanori Tamura (Japan)
Department of Pediatrics, Saitama Medical Center, Saitama Medical University
1. Guidelines for infants at painful procedure in NICU
Masanori Tamura (Japan)
Department of Pediatrics, Saitama Medical Center, Saitama Medical University
2. The current situation of neonatal transport in Japan and treatment of neonatal asphyxia
Takehiko Hiromi (Japan)
Division of neonatology, Nagano Children Hospital
3. Therapeutic strategy for status epilepticus in children
Kenji Sugai (Japan)
Department of Child Neurology, National Center of Neurology and Psychiatry, Kodaira, Japan

Luncheon Seminar 8
Chairs: Yasuhiro Takeshima 1, Norio Sakai 2 (Japan)
1. Department of Pediatrics, Hyogo College of Medicine, Nishinomiya, Japan
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Department of Pediatrics Osaka University Graduate School of Medicine, Osaka, Japan

1. New insight of Gaucher Disease - Diagnosis and treatment
   Yusuke Hamada (Japan)
   Department of Pediatrics, Osaka University

2. Diagnosis and Treatment of Neuromuscular Disorders focusing on case presentations such as child-onset Pompe disease
   Hirofumi Komaki (Japan)
   Department of Child Neurology, National Center of Neurology and Psychiatry

Luncheon Seminar 9
   Chairs: Shinichi Niijima (Japan)
   The Department of Pediatrics, Juntendo Nerima Hospital, Tokyo, Japan

Clinical decision making by child neurologists: anticonvulsants, ketogenic diets, or surgeries for epilepsy
   Hideo Enoki (Japan)
   Comprehensive Epilepsy Center, Seirei Hamamatsu General Hospital, Hamamatsu, Japan

Luncheon Seminar 10
   Chairs: Hirokazu Oguni (Japan)
   Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

Latest trends in therapy for epileptic patients: coordination of collaboration by doctors, co-workers and anti-epileptic drugs.
   Hideaki Shiraiishi (Japan)
   Department of Pediatrics, Hokkaido University Hospital, Sapporo, Japan

Luncheon Seminar 11
   Chairs: Kousaku Ohno (Japan)
   Sanin Rosai Hospital, Yonago, Japan

NP-C
   Yoshikatsu Eto (Japan)
   Advanced Clinical Research Center, Institute of Neurological Diseases, Kawasaki, Japan

Luncheon Seminar 12
   Chairs: Shinya Miyamoto (Japan)
   Master's Program in Education, University of Tsukuba

The comprehensive supports for children with Neurodevelopmental Disorders (NDD) through the cooperation among the professionals
   Jiro Ono (Japan)
   Department of Special Education, Faculty of Education, Wakayama University, Wakayama, Japan

Luncheon Seminar 13
   Chairs: Yoko Otsuka (Japan)
   Asahigawasou Rehabilitation and Medical Center, Okayama, Japan

Clinical and pharmacological aspects of intravenous midazolam treatment for status epilepticus in childhood
   Kimio Minagawa (Japan)
   Department of Pediatrics, Midorigaoka Ryou-ikiken, Social Welfare Corporation Sapporo Ryokkakai, Sapporo, Japan

Public Forum
   Chairs: Satoshi Takada 1, Masahisa Funato 2 (Japan)

1. Opening Remarks: Why the children needing special technical home care increased?
   Masahisa Funato (Japan)
   Osaka Developmental Rehabilitation Center, Osaka, Japan

2. Medical services by family doctor, and their future issues
   Tuneo Harumoto (Japan)
   Higashiosaka Seikyo Hospital, Osaka, Japan

3. The state of Pediatrics Home Nursing - one case of Home Nursing care
   Satoko Shimogama (Japan)
   Ishii Memorial Aizen-en Home Nursing Station, Osaka, Japan

4. The current state of the medical care in the school, and the future's problem
   Noboru Niwa (Japan)
   Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan

5. Challenges of fostering medical staff related to the developmental disability medicine
   Kiyokuni Miura (Japan)
   Division of Developmental Disability Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan

6. My Wishes as a Mother
   Yuko Takemoto (Japan)
   Hatsukaze, Child development support, Day service after schools, Osaka, Japan

7. Closing Remarks
   Satoshi Takada (Japan)
   Osaka University Graduate School of Health Sciences, Kobe University, Kobe, Japan
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English Session

E-001 CDKL5 controls glutamate receptor function and regulates memory, emotion and seizure susceptibility
Teruyuki Tanaka1, Masashi Mizuguchi1
1. Department of Developmental Medical Sciences, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

E-002 Relationship between maternal DHA levels and anxiety-like behavior in a gene/stress mouse model
Fumihiro Matsu1
1. Center for Translational Neuroscience, University of Missouri, Columbia, Missouri, USA

E-003 Hippocampal formation in a mouse model of autism spectrum disorders
Ryu Koyama1, Kazuki Shibata1, Kohei Morishita1, Yuji Ikegaya1
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E-004 Restoration of glycosylated alpha-DG in FKRP mutant mice is associated with muscle regeneration
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E-005 TUBA1A mutation can cause hydranencephaly, the most severe form of lissencephaly
Seisuke YOK1,2, Naoko Ishihara1,3, Jun Natsume1, Hiroyuki Yamamoto1, Makito Tsutsumi1, Itaru Yanagihara1, Fuyuki Miya2, Mitsuhito Katō3, Tatsuhiko Tsunoda3, Kenjiro Kosaki4, Yonehiro Kanemura1, Shinni Saitoh5, Hiroki Kurahashi2
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E-006 Local perimetal anions determine the neuronal chloride concentration.
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E-007 Whole-exome sequencing in autosomal recessive microcephaly
Ganeswaran Hitoshi Mochida1,2, Tojo Nakayama1, Malak El-Quesny1, R. Sean Hill1,3, Anna Rajab4, Samir Khalil1, Klaus Schmitz-Abe1, Kyriacos Markianos1, Almudhner Al-Maawali1, Jennifer Partlow1,3, Brenda Barry1,3, Muna Al-Saffar1,3, Christopher Walsh1,3
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E-008 Genetic analysis of West syndrome with involuntary movements: a single center study
Yu Kobayashi1, Noriyuki Akasaka1, Shinichi Magara1, Hideshi Kawashima1, Hideaki Shiraishi2, Kazuyuki Nakamura2, Mitsuhito Katō3, Jun Toyhama1, Hirotomo Saito4, Naomichi Matsumoto4
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E-009 Truncating mutation in NFIA causes brain malformation and urinary tract defects
Yutaka Negishi1, Ayako Hattori1, Ikumi Hori1, Naoki Ando1, Fuyuki Miya1, Tatsuhiko Tsunoda1, Nobuhiko Okamoto1, Mitsuhito Katō3, Mami Yamasaki3, Yonehiro Kanemura6,7, Kenjiro Kosaki8, Shinni Saitoh1
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E-010 Establishment and application of stem cell model of spinal muscular atrophy
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E-011 Thyrotropine releasing hormone therapy on SMA: iPS cell evaluation and 3D-motion-capture
Zenichiro Kato, Naoki Matsumaru, Ryo Hattori, Shimizu Norohito, Yasutaka Shii, Hidenori Ohnishi, Takeshi Kimura, Norio Kawamoto, Toshiyuki Fukao, Takaaki Aoki, Kei Miyamoto, Haruhiko Akiyama, Kazuki Ohuchi, Hideaki Haraguchi, Michinori Funato.
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E-012 Clinical features of 3 cases with 1q43q44 microdeletion syndrome
Hiwatari Erika, Kenjiro Kikuchi, Yuko Hirata, Atsuko Obi, Yuji Kumagai, Reiko Koichi, Manabu Tanaka, Motoyuki Minamitani, Shin-Ichiro Hamano.
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E-013 Cytogenetic and clinical characterization of 4 patients with chromosome 15q duplication
Mieko Yoshioka, Takeshi Yoshida, Azusa Maruyama, Hiroaki Nagase.
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E-014 3p Interstitial Deletion Including PRICKLE2 in Identical Twins with Autistic Features
Akihisa Okumura, Toshiyuki Yamamoto, Masakazu Miyajima, Keiko Shimojima, Satoshi Kondo, Shinpei Abe, Mitsuru Ikeno, Hirokazu Kurashishi, Michihiko Takasu, Toshiaki Shimizu.
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E-015 A novel TUBB3 mutation presenting with focal autonomic neuropathy
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E-016 Basal ganglia aplasia in a patient with ZNF335 gene mutations: the second pedigree in the world
Rieko Sato, Jun-Ichi Takehara, Mitsuiro Kato, Hirotomo Saito, Osamu Komiyama, Takao Takahashi.
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E-017 Natural history of Rett syndrome
Yoshiko Nomura, Kazue Kimura, Yuri Nagao, Kei Hachimori, Masaya Segawa.
1. Segawa Neurological Clinic for Children, Tokyo, Japan

E-018 Gaze direction modulates the neural activity in the right prefrontal region during inhibitory task
Takahiro Ikeda, Masahiro Hirai, Yukifumi Monden, Masako Nagashima, Tsutomu Mizutani, Hideo Shimoizumi, Hitoshi Osaka, Takanori Yamagata, Eiju Watanabe.


The 57th Annual Meeting of the Japanese Society of Child Neurology

E-019 fnNIRS-based assessment of MPH effect in drug-naive ADHD: a double-blind, placebo-controlled study

Ma Nagashima 1, Yukifumi Monden 1, Ippeita Dan 2, Tutomo Mizutani 3, Takahiro Ikeda 1, Hideo Shimoizumi 4, Eijyu Watanabe 5, Takanori Yamagata 1
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E-020 Low Striatal Activity during Reward Perception Caused by Childhood Adversity.

Shinichiro Takiguchi 1, Takashi X. Fujisawa 2, Sakae Mizushima 3, Daisuke N. Saito 2, Hirokazu Kumazaki 2, Michiko Koizumi 3, Minyoung Jung 3, Koji Shimada 0, Yuko Okamoto 0, Hirotaka Kosaka 2, 5, Akemi Tomoda 2
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E-021 A new algorithm of volumetry for the neonatal brain

Masafumi Sanefuji 1, 2, Hirotsuko Inoue 2, Fumio Yamashita 3, Masayuki Ochiai 2, Takeshi Kusuda 2, Yasunari Sakai 2, Yoshito Ishizaki 1, Sooyoung Lee 2, Michiko Torio 2, Toshiro Hara 2
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E-022 Dynamic statistical parametric mapping (dSPM) for bottom of sulcus focal cortical dysplasia (BOSD)

Midori Nakajima, Ayako Oshi, Hiroshi Otsubo
Division of Neurology, The Hospital for Sick Children, Toronto, Ontario, Canada

E-023 Subcortical oligodendroglia-like cells wiring multiple lobe epileptogenic zones in children

Satoru Sakuma 1, 2, Kazuo Okanari 1, Midori Nakajima 1, Ayako Ochi 1, Hiroshi Otsubo 1
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E-024 Genotype-Phenotype Correlations in Japanese Patients with Alternating Hemiplegia of Childhood

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E-025 Nationwide analysis of epidemiology of holoprosencephaly in Japan

Yuichi Abe 1, Kaori Sassa 1, Ryuichiro Araki 2, Masanori Tamura 3, Hisanori Sobajima 3, Tetsuya Kunikata 1, Akira Ohtake 1, Hideo Yamanouchi 1
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E-026 Pre-school developmental-behavioral screening and support at 5-year-old in Taketa, Oita.

Seigo Korematsu 1, Tomoyuki Takano 1, Tatsuro Izumi 1
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E-027 Simulation-based training in determination of brain death for organ donation in children

Takashi Araki 1, Toshio Osamura 2, Hiroyuki Yokota 1
1. Department of Emergency and Critical Care Medicine, Nippon Medical School Hospital, Tokyo, Japan 2. The Exploratory Committee for Brain Death Determination and the Related Issues,
E-028  New molding helmet therapy criteria in Asian infants positional head deformity
Yasuji Aihara, Kana Komatsu, Yoshikazu Okada
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E-029  Usefulness of the CBCL to evaluate emotional and behavioral problems in Indonesian ASD children
Sri Hartini, Sunartini Hapsara, Sit E. Herini, Satoshi Takada
1. Graduate School of Health Sciences, Kobe University, Japan
2. School of Nursing, Faculty of Medicine, Gadjah Mada University, Yogyakarta, Indonesia
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E-030  Cytokine genes and risk of acute encephalopathy with status epilepticus
Makiko Saitoh, Sain Kou, Ai Hoshino, Kenjiro Kikuchi, Gaku Yamanaka, Masaya Kubota, Jun-Ichi Takanashi, Tomohide Goto, Masashi Mizuguchi
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E-031  Immunological studies of blood from patients with CNS-symptom after human papillomavirus vaccination
Yukitoshi Takahashi, Takashi Matsudaïra, Hitoshi Nakano, Hirosato Nasu, Hitoshi Ikeda, Kentaro Nakao, Yushi Inoue, Rumiko Takayama, Masayasu Ohta
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3. Department of Pediatrics, JA Toride General Medical Center, Toride, Japan

E-032  Interleukin-34 facilitates commitment of hematopoietic cells to micellogia-like cells
Hiroshi Sakuma, Tomomori Suzuki, Masaharu Hayashi, Daitsu Noto, Reiko Saita, Takashi Yamamura, Sachiko Miyake
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E-033  Delayed maturation of the preterm brain at term
Chikako Ogawa, Hiroyuki Kidokoro, Yu Okai, Yoko Sakaguchi, Yuji Ito, Tamiko Negoro, Kazuyoshi Watanabe, Masahiro Hayakawa, Jun Natsume
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E-034  A storm of fast (40-150 Hz) oscillations during hypsarrhythmia in West syndrome
Katsuhiko Kobayashi, Tomoyuki Akiyama, Makio Oka, Fumika Endoh, Harumi Yoshinaga
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E-035  An update of phenotype of infantile epilepsy with a PRRT2 mutation
Hirokazu Kurahashi, Akhisa Okumura, Ayuko Igarashi, Shinpei Abe, Michihiko Takasu, Katsuhito Kobayashi, Iori Ohmori, Mamoru Ouchida, Shinichi Hirose, Atsushi Ishii, Satoru Takahashi, Tomonari Awaysa, Toshiyuki Yamamoto
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E-036  SSEP N20 and developmental outcome after hemispherotomy in Ohtahara syndrome with hemimegalencephaly
Kenji Sugai, Ryoko Honda, Takashi Saito, Yuho Motohashi-Shinozaki, Eri Takeshita, Hirofumi Komaki, Eiji Nakagawa, Masayuki Sasaki, Akio Takahashi, Takamobu Kaido, Yuu Kaneko, Taisuke Otsuki
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E-037  Focal Epilepsy in children with periventricular leukomalacia  
Michihiko Takasu1, Akihisa Okumura1, Hirokazu Kurahasi1, Tetsuo Kubota2, Toru Kato3  
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E-038  Diagnostic Performance and Utility of the Child Behavior Checklist DSM-Oriented Scales in Epilepsy  
Mayu Fujikawa1  
1.Department of Epileptology, Tohoku University Hospital, Sendai, Japan

E-039  An encephalopathy with Dravet syndrome which may be caused by use of thiopental with stiripentol  
Atsuro Daidai, Mina Yokoyama1, Masaaki Ogiwara1  
1.St. Luke's International Hospital

E-040  Eye symptom and epileptic spasm in West syndrome  
Yosuke Kakisaka1,2, Naomi Hino-Fukuyo2, Mitsugu Uematsu2, Mayu Fujikawa1  
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E-041  A case of glossopharyngeal neuralgia with recurrent bradycardia attacks  
Shiro Ozasa, Hirofumi Kosuge1, Keiko Nomura1, Shigeni Kimura1, Fumio Endo1  
1.Pediatrics, University of Kumamoto, Kumamoto, Japan

E-042  High prevalence of the mutation R326Q in 30 children with b-ureidopropionase deficiency in East Asia  
Yoko Nakajima1, Judith Meijer1, Chunhua Zhang1, Yoriko Watanabe2, Tomoko Lee5, Hiroshi Matsubuchi6  
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E-043  One female case with AADC deficiency  
Karim Kojima1, Hitoshi Osaka1, Chihiro Ohba3, Rie Anzai2, Tomohide Goto2, Ayumi Matsumoto1, Sachie Nakamura1, Akihiko Miyayuchi1, Hirotomo Saito3, Naomichi Matsumoto3, Takenori Yamagata1  
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E-044  The first Japanese case of Leigh encephalopathy without cardiomyopathy due to mutations in GTPBP3  
Fuyu Miyake1, Takahito Wada1,2, Mizue Iai3, Sumimasa Yamashita1, Hitoshi Osaka1, Tomohide Goto1, Noriko Aida2, Kei Murayama3, Akira Otake4  
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E-045  Novel mutation of PLA2G6 gene in homozygote twins with INAD (infantile neuroaxonal dystrophy)  
Kyoko Hoshino1, Genkiichi Izumi1, Kishin Koh2, Yoshihisa Takiyama2  
1.The Department of Pediatrics, Minami Wakayama Medical Center, Wakayama, Japan  2.Department of Neurology, University of Yamanashi

E-046  The first case of Japanese limb-girdle muscular dystrophy 2f with a novel FKRP mutation  
Hiroyuki Awan1, Masahiro Nishiyama1, Tomoko Lee2, Mariko Yagi3, Yasuhiro Takeshima2, Kanako Goto0, Satomi Mitsushashi1, Ichizo Nishino0, Masafumi Matsuo1, Kazumoto Iijima1  
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E-047  Dystrophinopathy and pregnancy: Do the carriers have obstetric risks?  
Yuko Motohashi1, Akihiko Ishiyama1, Eri Takeshita1, Hirofumi Komaki1, Takashi Saito1, Eiji Nakagawa1, Kenji Sugai1, Masayuki Sasaki1  
1.Department of Child Neurology, National Center of Neurology and Psychiatry
Oral Presentation

O-001  LD survey of the case of the Shizuoka developmentally disabled person support center consultation
Keiko Maeda 1, Sueda Keitaro 2, Keiko Morioka 3, Sachio Hayakawa 4, Izumi Hara 5
1. Shizuoka city developmentally disabled person support center 2. Shizuoka Aoyama-Fukketsu center, department of neuro pediatrics, Shizuoka city, Japan 3. Shizuoka Saiseikai General Hospital, department of pediatrics, Shizuoka city, Japan

O-002  Topographical cognition in a patient with visual insufficiency measured by a test using CAVE
Eiji Wakamiya 1, Tomohito Okumura 2, Hiroshi Watanabe 3, Hiroshi Tamai 4
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O-003  Decoding and Reading Comprehension Skills in children with reading and writing difficulties
Mekumi Mizuta 1, Tomohito Okumura 1, Makoto Nakanishi 2, Tomoko Miura 1, 2, Naoko Kurimoto 1, Takashi Takeshita 1, Akihiro Kawasaki 1, Eiji Wakamiya 1, Hiroshi Tamai 4
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O-004  A study of pathogenesis of children with reading difficulty through by RTI
Tatsuya Koeda 1, Ayumi Seki 2, Hisakazu Yanaka 3, Hitoshi Uchiyama 4
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O-005  A dyslexic girl complicated by specific language impairment
Kazuyori Yagyu 1, Ryusaku Hashimoto 2, Michiru Iwata 3, Atsushi Shimojo 2, Harumitsu Murohashi 3
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O-006  The relationship between dioxins in the breast milk and academic achievement in junior high schools
Yohane Miyata 1, Makiko Shimazaki 1, Yukiko Nakamura 1, Kunimasa Yan 1, Akira Oka 1
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O-007  Clinical features and long term outcome of Japanese children with seropositivity to MOG antibodies
Naomi Fukuyo 1, Kazuhiro Haginoya 1, Yuya Hashimura 1, Ichiro Nakashima 2, Douglas Kazutoshi Sato 1, Toshiyuki Takahashi 2, Tatsuro Misu 2, Kazuo Fujihara 2, Mieko Hirose 1, Yosuke Kakisaka 1, Mitsugu Uematsu 1, Tomoko Kobayashi 1, Shigeo Kure 1
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O-008  Would The Long Term Prognosis of Retrolubar Optic Neuritis be Different in Autoantibodies?
Fuyu Miyake 1, Masayuki Shimono 1, Yuriyo Matsuda 1, Tomofumi Fukuda 1, Masahiro Ishii 1, Ayako Senju 1, Shiof Takano 1, Kouichi Kusuha 1
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O-009  A case of neuromyelitis optica with myelin-oligodendrocyte glycoprotein antibody
Ruka Nomura 1, Yoh Okitsuka 1, Yuya Hashimura 1, Hikaru Kitahara 1, Atsuko Harada 1, Takumi Yamanaka 2, Syuichi Shimakawa 1, Miho Fukui 1, Hitotsuna Utsunomiya 4, Toshiyuki Takahashi 5, Shinsaku Hayashi 1, Mami Yamasaki 2, Hirotaka Minami 1
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O-010  Four cases of multiple sclerosis diagnosed in infancy
Masahiro Nishiyama 1, Hiroaki Nagase 2, Tsukasa Tanaka 2, Azusa Maruyama 2, Daisaku Toyoshima 1, Taku Nakagawa 1, Naoya Morisada 2, Yoshinobu Oyazato 1, Keisuke Saeki 2, Satoshi Takada 1, Kazumoto Iijima 1
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O-011 Cognitive functioning with acute disseminated encephalomyelitis and clinical isolated syndrome
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O-012 Radiographic review to distinguish inflammatory demyelinating diseases of the CNS from brain tumor.
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O-013 The clinical analysis of AEFCSE under intensive management conditions after early seizure
Masataka Fukuoka1, Hisashi Kawakami1, Ichiro Kuki1, Yuka Hattori1, Hitomi Tsuji1, Asako Horino3, Megumi Nukui1, Shin Okazaki1, Junichi Ishikawa2, Kiyoko Amoui2, Masao Togawa2, Kouji Rinka3, Kiyotaka Tomiwa1,4, Masashi Shiomi5
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O-014 The utility of quantitative EEG for diagnosis of febrile seizure and pediatric acute encephalopathy
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O-015 Dose underlying diseases affect the clinical course in hemiconvulsion-hemiplegia-epilepsy syndrome?
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O-016 Acute encephalitis with refractory, repetitive partial seizures ketogenic diet was effective.
Yu Oka1, Jun Natsume1, Tiko Ogawa1, Yuji Ito1, Hiroyuki Kidokoro1, Naoko Ishihara1, Yosiki Azuma1, Tomoya Takeuti1, Seturi Yokoi1, Masayuki Yamamoto1, Kiyokuni Miura1, Tamiko Negoro1, Kazuyoshi Watanabe1
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O-017 The case of clinico-electrical dissociation of encephalopathy
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O-018 Electroencephalography of MERS
Masaharu Ohfu1, Hayato Fukuza1, Masato Hiyane1, Tsuyoshi Matsuoka1
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O-019 Retrospective study on 8 cases of brain hypothermia therapy for acute encephalopathy in childhood.
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O-020 Assessment of energy expenditure in two child cases treated with hypothermia
Yoshihiro Watanabe1, Yu Fujiwara1, Hirotaka Moto1, Saoko Takeshita1
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O-020  Assessment of energy expenditure in two child cases treated with hypothermia
Yoshihiro Watanabe1, Yu Fujiwara1, Hirotaka Motoi1, Saoko Takeshita1
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O-021  Effectiveness of dexamethasone for Human Parechovirus-3 encephalitis
Kiyohiro Kim1, Hisashi Kawakami1, Ichirou Kuki1, Masataka Fukuo1, Yuka Hattori1, Hitomi Tsuji1, Asako Horino3, Megumi Nukui1, Shin Okazaki1
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O-022  Recurrent encephalopathy in patients with Sotos syndrome
Marie Kuwajima1, Masako Nagashima1, Yuko Nakano2, Yukihumi Monden1, Hitoshi Osaka1, Takanori Yamagata1
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O-023  Rotavirus associated acute encephalopathy: Report of 11 cases
Chizu Oba1, Mitsuru Kashiwagi1, Takuya Tanabe2, Sousuke Yoshikawa3, Ryogeu Miyamoto1, Miho Hukui5, Shuichi Shimakawa5, Kouji Azumakawa5, Eiji Wakamiya7, Hiroshi Tamai5

O-024  Three cases of acute encephalopathy with bilateral basal ganglia lesions
Ikumi Hor1, Yuki Ito2, Yutaka Negishi1, Ayako Hattori1, Takeshi Tsuji3, Naoki Ando1, Tetsuo Kubota4, Hiroshi Sakuma5, Akihisa Okumura6, Jun Natsume2, Shinji Saitoh1
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O-025  A case of acute cerebellitis presented with diplopia
Yosuke Kusugi2, Rumiko Takayama1, Tosihide Watanabe1
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O-026  Four cases with central nerve system symptoms after human papillomavirus vaccination
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O-027  Influenza vaccines for individuals with severe motor and intellectual disabilities
Takashi Ichiyama1, Naoko Ishikawa1, Hironori Matsufuji1, Hiroshi Isumi1, Yoshitugu Sugio1
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O-028  Activation of kynurenine pathway in subacute sclerosing panencephalitis
Takeshi Matsushige1, Hirofumi Inoue1, Madoka Kajimoto1, Momoko Oka1, Shunji Hasegawa1, Hiromitsu Ohmori2, Arato Okuno1, Osamu Takikawa1, Shouichi Ohga1
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O-029  Listeria monocytogenes meningitis that it passed gradual clinical course, and LZD was effective
Eisuke Kondo1, Hiroto Akaike1, Atsushi Kato1, Mina Kouno1
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O-030  The epidemiology and prognostic factors of bacterial meningitis in childhood
Yukihiko Kawasaki1, Yuichi Suzuki1, Assako Kato1, Hiroki Tsukada1, Mitsuaki Hosoya1
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O-031  A case of ICCA syndrome in which PRRT2 gene sequencing was useful for diagnosis
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O-032  A case of benign hereditary chorea with neonatal respiratory failure and congenital hypothyroidism
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O-033  Myoclonic movements in ataxia-telangiectasia
Shumpei Uchino1, Satoko Kumada1, Setsuko Hasegawa2, Takatoshi Hosokawa3, Tojo Nakayama4, Mitsugu Uematsu4, Akio Fujino5, Yukihiko Konishi6, Atsushi Sato1, Ikuko Shirai1, Yasuo Hachiya1, Eiji Kurihara1
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O-034  An effective case of GPi-DBS to posttraumatic facio-oral dystonia
Ikuko Shirai1,2, Satoko Kumada1, Manabu Yoshihashi1, Shumpei Uchino1, Atsushi Sato1, Yasuo Hachiya1, Eiji Kurihara1, Makoto Taniyuchi2, Fusako Yokochi4
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O-035  Pathophysiology of dyskinesia in 2 patients with PKD by MRCP
Masaya Kubota1, Hiroshi Terashima1, Mariko Kasai1, Yuu Watanabe2, Mai Anzai1, Satoshi Takenaka1, Tadayuki Kumagai1
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O-036  Paroxysmal non-kineticogenic dyskinesia with abnormal eye movement; a case report
Chihiro Yone1, Mayumi Matsuji1, Nozomi Sano1, Yusei Baba2, Hisashi Tsuru1, Sumi Inoue2, Shinsuke Maruyama3, Kazuyuki Yotsumata2, Satoru Takahashi1
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O-037  Sagittal suture synostosis without scaphocephalic deformation.
Kazuaki Shimoji1, Osamu Akiyama1, Takaoki Kimura2, Takeyoshi Shimoji3, Masakazu Miyajima1, Hajime Arai1
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O-038  Two cases of schizencephaly who underwent cerebrospinal fluid shunt in early infancy.
Yoshifumi Miyagi1, Takeshi Miyamoto2, Kiyoko Kuroda2, Teiji Nakayama1, Hitotoshi Ishigaki1, Miki Asahina1, Tomoko Matsuyasashi1, Tokiko Fukuda1
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O-039  The clinical features and development of 12 cases for Abusive Head Trauma
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O-040  A case with developmental venous anomaly complicated with recurrent venous flow-related mechanisms
Hirofumi Inoue1, Momoko Oka1, Madoka Kajimoto1, Takeshi Matsushige1, Shunji Hasegawa2, Yoshiro Nose2, Ryoo Kadoya2, Shouichi Ohga1
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O-041  Hyperventilation-induced Hemorrhagic Stroke in a Reversible Cerebral Vasocostriction Syndrome
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O-042  Comparison of MRI with the score of neuro-psychological tests in child patients with moyamoya disease
Kana Komatsu, Yasuo Aihara, Kouji Yamaguchi, Yoshikazu Okada
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O-043  A case of ASNS deficiency with congenital microcephaly and progressive cerebellar atrophy
Wakaba Endo, Takehiko Inui, Yukiune Okubo, Tomoko Kobayashi, Hirotom Raitsu, Naomichi Matsumoto, Kazuhiro Hagiwara
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O-044  Niemann-Pick disease type C associated with peripheral neuropathy: Two case reports.
Yoshihiko Mizobe, Yu Tsuyusaki, Hiroshi Shinbo, Keiko Watanabe, Mutsumi Sato, Rie Anzai, Kazushi Ichikawa, Mizue Iai, Sumimasa Yamashita, Tomohide Goto
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O-045  Characteristic findings of skeletal muscle imaging in Japanese patients with Pompe disease
Keiko Ishigaki, Hiroshi Kobayashi, Hideo Sugie, Tokiko Fukuda, Aya Narita, Kaoru Eto, Satoru Nagata, Makiko Osawa, Yoshikatsu Eto, Ikuya Nonaka
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O-046  Type of genetic abnormality in IDS gene in MPS II severe form and the therapeutic efficacy on brain
Akemi Tanaka, Takashi Hamazaki, Torayuki Okuyama, Norio Sakai, Michiko Shinpo, Tomo Sawada, Yasuyuki Suzuki, Hideo Mugishima
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O-047  A case of Aromatic L-amino acid decarboxylase deficiency
Tetsuo Kubota, Takeshi Suzuki, Tatsuya Fukasawa, Tamiko Negoro, Motomasa Suzuki, Mitsuhiro Kato
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4. Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

O-048  Hepato-cerebral type of Wilson disease patient with leukopenia and thrombocytopenia
Hiroki Hoshino, Norikazu Shimizu, Syoko Nakazawa, Noriko Mishima, Takashi Sekine, Tugutoshi Aoki
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O-049  Clinical features of Wilson disease patients with neurological symptoms, data analysis of MC-Bank
Norikazu Shimizu, Ayako Ogawa, Noriko Mishima, Hiroe Konishi, Joohyun Seo, Torayuki Okuyama, Tsugutoshi Aoki
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O-050  Development of novel amphiphilic pharmacological chaperones for Fabry disease
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**O-051**  
**GDF-15 and FGF-21: correlation with severity of mitochondrial disorders**  
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**O-052**  
**GDF-15: a more reliable biomarker for mitochondrial disorders**  
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**O-053**  
**The efficacy of intravenous alendronate on osteoporosis in severe motor intellectual disabilities**  
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**O-054**  
**A study on factors affecting growth of tibial length for children with severe cerebral palsy**  
Kenji Kihara¹,², Yoko Kawasaki³, Mariko Yagi¹, Mio Nishimura¹, Yoko Matsumoto¹, Satoshi Takada¹  
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**O-055**  
**Clinical usefulness of KL-6 for detecting chronic aspiration in severely disabled children.**  
Hiroyuki Wakamot¹, Chiya Kikuchi¹, Yuka Suzuki¹, Takehiko Morimoto¹  
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**O-056**  
**Investigation of hospitalization for home care at our hospital for 7 years**  
Takaaki Sawada¹, Tomoyuki Shimazu¹, Hiroe Ueno¹, Chizuru Nisizato¹  
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**O-057**  
**A survey of the short-term stay service for patients with severe and intellectual disabilities**  
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**O-058**  
**Views of physicians about the situation of severely handicapped in the emergency and terminal period**  
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**O-059**  
**Trends in unilateral spastic cerebral palsy in Okinawa**  
Mayumi Touyama¹, Jun Toyama², Youko Kinjyo¹  
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**O-060**  
**Daily mobile function among schoolage children with cerebral palsy from periventricular leukomalacia**  
Yukihiro Kitai¹, Satori Hirai¹, Kayo Ohmura¹, Kaeko Ogura¹, Hiroshi Arai¹  
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**O-061 Prognosis of cerebral palsy with periventricular leukomalacia**  
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**O-062 The influence of cerebellar atrophy on development in extremely low birth weight children.**  
Satori Hanai¹, Hiroshi Araiba², Yukihiro Kitai³, Kayo Oomura¹, Kaeko Ogura¹  
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**O-063 Motor function of symptomatic congenital cytomegalovirus infection in relation to cortical dysplasia**  
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**O-064 The experiences of scoliosis in elderly inpatients with motor and intellectual disabilities**  
Yoko Matsumoto¹,², Mariko Yagi¹,², Mio Nishinura³, Yoko Kawasaki¹,²  
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**O-065 MicroRNAs as serum biomarkers in Fukuyama type congenital muscular dystrophy**  
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**O-066 Evaluation of development and growth by bioelectrical impedance analyses in FCMD**  
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**O-067 The gross motor function measure is a valid measure for Fukuyama congenital muscular dystrophy**  
Takatoshi Sato¹, Keiko Ishigaki¹, Michiru Adachi², Masaya Zushi², Mina Akiduki², Keisuke Goto², Kumiko Ishiguro¹, Minobu Shichijii¹, Terumi Murakami¹, Kayoko Saito¹,³, Makiko Osawa¹, Tetsuo Ikai², Izumi Kondo, Satoru Nagata¹  
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**O-068 Natural history of motor function in Fukuyama congenital muscular dystrophy**  
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**O-069 The effect of oral steroid therapy for Fukuyama type congenital muscular dystrophy**  
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**O-070 Perinatal complications in the patients with congenital myotonic dystrophy**  
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**O-071 A case of myosclerosis caused by compound heterozygous mutations in COL6A2**

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**O-072 Clinical diversity of collagen VI-related myopathy**

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**O-073 Adductor longus and semimembranosus muscles are preserved in spinal muscular atrophy**

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**O-074 The present state of Spinal muscular atrophy (SMA) type 1 in Kagoshima prefecture**

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**O-075 The effect of BCV for acute respiratory failure in the patients with neuromuscular diseases**

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**O-076 A case of JDM complicated dayphagia and dysarthria**

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**O-077 Identification of electroencephalogram-epileptiform activity in a patient with KCNH2 mutation**

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**O-078 Missence mutaiin in KCNT1 with early onset epileptic encephalopathy(EOEE)**

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**O-079 two cases of mild Dravet syndrome with truncating mutation of SCN1A.**

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**O-080 The cases with epilepsy with SCN1A microdeletions identified by MLPA**

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O-081 Two cases of epileptic encephalopathy caused by recurrent EEF1A2 mutations.
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O-082 De novo SCN8A Mutation in a boy with Malignant Migrating Partial Seizures in Infancy
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O-083 Functional articulation disorder in autism spectrum.
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O-084 TIMELESS mutation in a patient with autism spectrum disorder (ASD) and circadian rhythm disorder.
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O-085 The behavioral characteristics of developmental disorder evaluated by checklist for ASD
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O-086 Clinical Study of Obsessive-compulsive Symptoms of ASD Patients with ASD Person Concerned
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O-087 Temporal change of intellectual ability in autistic spectrum disorder children
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O-088 The role of language function to solve a theory of mind task
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O-089 Group psychotherapy using portable game for child and adolescent
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O-090 Evaluation of Social Interaction(ESI) for children with developmental disorders
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O-091 Clinical effects of ADHD therapy for both parents and their children with ADHD accompanied with ASD
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O-092 Musictherapy for Attention-Deficit Hyperactivity Disorder
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O-093 A follow-up study of school children with developmental disorders in habilitation center
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O-094 EEG characteristics predict subsequent epilepsy in children with first unprovoked seizure
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O-095 Clinical characteristics in the children presenting with transient loss of consciousness
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O-096 Analysis for psychogenic non-epileptic seizures by using video-EEG monitoring
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O-097 Transient reduced diffusion in the cortex in children with prolonged febrile seizures
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O-098 EEG-fMRI analysis in structural/metabolic epilepsy with focal seizures
Yuji Ito 1, Satoshi Maezawa 2, Epifanio Bagarinao 2, Yoko Sakaguchi 1, Chikako Ogawa 1, Tomoya Takeuchi 1, Setsuri Yokoi 3, Yoshiteru Azuma 1, Hiroyuki Kidokoro 1, Kiyokuni Miura 1, Tamiko Negoro 1, Kazuyoshi Watanabe 1, Jun Natsume 1
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O-099 Transient reduced diffusion in the hippocampus after prolonged febrile seizure
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O-100 West syndrome: etiology, clinical aspect, seizures and mental development in 50 patients.
Michiko Torio 1, Yasunari Sakai 1, Masafumi Sanefuji 2, Momoko Sasazuki 1, Yoshiito Ishizaki 1, Hiroyuki Torisu 3, Toshiro Hara 1
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O-101  A study of outcome in patients with Infantile spasms  
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O-102  Serum cytokine responses to ACTH in patients with West syndrome  
Natsumi Morishira1, Gaku Yamanaka1, Mika Takeshita1, Shinichiro Morichi1, Yu Ishida1, Kazunori Suzuki1, Shingo Oana1, Hisashi Kawashima3  
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O-103  CMV reactivation provoked by ACTH therapy in the patients with congenital CMV infection  
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O-104  Efficacy and safety of high-dose intravenous immunoglobin therapy in West syndrome  
R M12, Shin-Ichiro Hamano1,2, Yuko Hirata0, Yuki Kumagai1, Atsuko Oba1, Kenjiro Kikuchi1, Manabu Tanaka3, Motoyuki Minamitani1  
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O-105  Efficacy of new anti-AEDs (TPM, LTG, LEV) in epileptic patients with epileptic spasms  
Motoyuki Minamitani123, Schin-Ichiro Hamano123, Manabu Tanaka12, Kenjiro Kikuchi123, Atsuko Oba0, Yuko Hirata0, Yuki Kumagai1, Reiko Koichihi12, Hiroyuki Ida3  
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O-106  Effect of sleep behaviors of twins babies on those of their mothers'  
Chie Kondo1, Satoshi Takada1  
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O-107  A clinical study of childhood anorexia nervosa patients with Refeeding edema  
Ryoko Otani1, Akari Arakari2, Takeshi Inoue7, Atsuko Ayabe2, Keiichi Shimamura2, Ryoichi Sakuta1  
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O-108  Chronological changes of tics in Tourette syndrome (TS)-importance of age of initial intervention  
Kazue Kimura1, Yuri Nagao1, Kei Hachmori1, Yoshiko Nomura1, Masaya Segawa1  
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O-109  The effect of drug therapy on AD/HD with Oppositional Defiant Disorder  
Kazunori Motoyama1, Akiko Fujii1, Mutsuko Miyazaki1, Tamao Nagaoka1, Mitsuhiro Matsuo1  
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O-110  A case of autism with drug-induced dropped head syndrome treated successfully with low dose L-DOPA.  
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O-111  The current status and issues of transition in pediatric patients with neurological disorders
Kenjiro Kikuchi 1,2, Shin-Ichiro Hamano 1,3, Motoyuki Minamitani 1, Manbu Tanaka 1, Reiko Koichihara 3
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O-112  Assessment of clinical course in 10 children with brain death in our hospital
Yusuke Goto 1, Tomoko Tando 1, Tetsuo Ooyama 1, Fumikazu Sano 1,5, Sayaka Kamei 1, Yoshimi Kaga 2, Sayaka Ishii 2, Kosuke Nakamura 2, Yuuko Kamiya 2, Kanji Sugita 3, Masao Aihara 3
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O-113  Training program of children and people with severe motor and intellectual disabilities
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O-114  The report of Seminar "Sedation Essence in Children Under Regulated Environment course"
Shuji Kuga 1, Nobuaki Inoue 1, Isao Kusakawas 1, Hirokazu Sakias 1,5

O-115  Developmental Consultation and Support at Kids Support Center, Sakai
Mariko Nakashis 1,2, Yoshiko Iwatapis 2, Ikuo Mohris 1, Masako Taniikes 1,2
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O-116  Emotional autonomic responses during Wisconsin Card Sorting Test in children with ADHD
Tetsuo Ohyamas 1, Yusuke Gotos 1, Yoshimi Kagas 1, Kakuroo Aoyagis 1, Sayaka Ishis 1, Hideaki Kanemuras 1, Kanji Sugitas 1, Masao Aiharas 2
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O-117  Nationwide survey and establishing clinical database of Rett syndrome
Sayuri Sukigaras 1, Sae Hanais 1, Toyoojiro Matsuishi 2, Shin Nabatames 1, Satoru Takahashis 2, Tetsuji Taniokas 1, Toshiharu Ikenagas 1, Senri Hirayamas 1, Hisateru Tachimoris 1, Masayuki Iths 1

O-118  Evaluation of EEG findings in pre-school children with developmental disorders
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O-119  Support for Parents of Children with Developmental Disabilities Based on 401 Mothers' Experiences
Tomoka Kobayashis 1,2, Kouta Suzuki 1, Makiko Kagas 1, Masumi Inagakis 1, Yushio Yamashitas 1, Michio Hiratanis 5, Takashi Hayashis 6, Eiji Nakagawas 7, Kyouta Watanbes 8
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O-120  The study of course to the first visit of school age children with pervasive developmental disorder
Taishi Miyachis 1, Hiroko Tanaiis 1, Tomoko Asais 1
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**O-121** Establishment of an electroporation and an live-imaging methods for analyses of hippocampal neurons  
Koh-Ichi Nagata 1, Rika Morishita 1, Ikuko Iwamoto 1, Hidenori Ito 1  
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**O-122** Study for development of lexicon-concept link by a match-mismatch method -2-  
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**O-123** Study on EEG basal activity in adolescent students with developmental disorders  
Yoshiko Nomura 1, Kaoru Amemiya 1, Youko Kishimoto 1, Yuri Ozawa 1, Hiroshi Ozawa 1  
1. SHIMADA RYOIKU CENTER HACHIOUJI

**O-124** Pathophysiological basis of developmental disorders associated with Scn1a mutation in rats  
Iori Ohmori 1, Mamoru Ouchida 2  
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**O-125** Analysis of facial expression processing using near-infrared spectroscopy  
Kenji Mori 1, Hiromichi Ito 2, Yoshitomo Toda 2, Masahito Miyazaki 2  
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**O-126** Dose the Ghrelin improve some symptoms of Rett syndrome?  
Kotaro Yuge 1, Tomoko Saikusa 1, Rumiko Hirata 1, Yuuki Nakamura 1, Naomasa Okamura 2, Munetsugu Hara 2, Takashi Ohya 1, Shinichiro Nagamitsu 1, Yushiro Yamashita 1, Masayasu Kojima 1, Masayuki Ito 1, Totojiro Matsuishi 1,2  
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**O-127** Successful treatment of rituximab in a case with recurrent autoimmune cerebellar ataxia  
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**O-128** A case of anti VGKC-complex antibody associated disorder presenting with psychomotor regression.  
Hiroe Ueno 1, Chizuru Nishizato 1, Takaaki Sawada 1, Tomoyuki Shimazu 1, Tomoyuki Mizukami 2, Takateru Ishitsu 1, Yuko Matsuda 1, Masayuki Sasaki 1, Yukitoshi Takahashi 1,2  
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**O-129** A case of focal encephalitis with antibodies to glutamate receptors, starting with left claudication  
Yuko Yamamoto 1, Hiroko Matsushita 1, Sozo Okano 1, Yukitoshi Takahashi 2  
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**O-130** Three cases that psychosomatic disorder was suspected but were GluR antibody positive  
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O-131  Anti-NMDA receptor encephalitis associated mumps, successfully treated with cyclophosphamide
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O-132  Progress of antibodies to the NMDA-type GluRs in a case of Nonherpetic acute limbic encephalitis
Kensuke Yoneda, Toshio Osamura, Satoshi Inoue, Hiroshi Kubo, Noriko Fujii, Tadaki Oomae, Yukitoshi Takahashi
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O-133  Distribution of Brain Lesions in Neonatal Herpes Simplex Encephalitis
Hiroyuki Kidokoro¹, Akihisa Okumuka ², Takeshi Tsuji ³, Tetsuo Kubota ⁴, Naoki Ando ⁵, Yuji Ito ¹, Chikako Ogawa², Toru Kato ¹, Shinji Saitoh ², Jun Natsume ¹
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O-134  Symptoms and MR imaging of Human herpesvirus 6 encephalitis after transplantation in children.
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O-135  Central nervous system infections of human parechovirus
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O-136  Clinical analysis of 7 children with congenital cytomegalovirus infection
Yu Ishida¹, Mika Takeshita¹, Natsumi Morishita¹, Shinichiro Morichi¹, Yasuyuki Morishima¹, Shingo Oana¹, Gaku Yamanaka², Tasuku Miyajima³, Hisashi Kawashima¹
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O-137  Three cases of congenital cytomegalovirus infection diagnosed at the school-age
Hiotoshi Satō¹, Miyaoko Wada ², Nobuhiro Okamoto ³, Kanju Ikeno ³, Chisato Akita¹, Hiroshi Kimura², Tsuneyuki Nakamura¹, Yutaka Saikawa¹
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O-138  Examination of the effect of admitting of a child with its parent for dysphagia
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O-139  Lifestyle intervention among adolescents and young adult with cerebral palsy
Kazuyo Saito¹,²,³, Yukie Watanabe², Sumiko Koike⁴, Noriko Hashidume⁵, Sayaka Inazawa³, Naomi Hanzawa⁴
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O-140  Successful coordination between botulinum toxin and surgical treatments in legs of cerebral palsy
Atsuo Nezu¹, Harukiko Aoyama¹, Kumiko Karasawa¹, Yuri Tikumar¹, Kaori Kaneko², Makiko Kurosawa¹, Yuka Masuda³, Mitsuko Okuda¹
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The 57th Annual Meeting of the Japanese Society of Child Neurology

O-141  Effect of Valproate and Lamotrigine for stimulus sensitive hypertonus in neurological disabled child
Tomohiro Nakayama1, Hitomi Maeda1, Yumi Tada1, Tatsuo Itou1, Junko Nakayama1, Nobuaki Iwasaki1
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O-142  A poor control case of persistent generalized muscle contraction after intrathecal baclofen therapy
Sayaka Katori1, Rumiko Takayama1, Yumi Takahashi1, Toshihide Watanabe1, Akiko Tsuzuki1
1.Hokkaido Medical Center for Child Health and Rehabilitation

O-143  The efficacy of thong sandals type outfit for walking disturbance due to lower spinal cord dysplasia
Shigeru Hanaoka1
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O-144  Electric stimulation therapy of the peripheral nerves in idiopathic acute transverse myelitis
Yukio Sawaishi1, Miyuki Toyono1, Rena Oguma1, Yasuhiro Watanabe1
1.Akita Prefectural Center on Development and Disability

O-145  Genetic heterogeneity of hypomyelinating leukodystrophies
Mitsugu Uematsu1, Natsuko Ichino1, Ryo Sato1, Yurika Uematsu1, Atsuo Kikuchi1, Naomi Fukuyo1, Kazuhiro Haginoya2, Shigeo Kure1
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O-146  Microarray analysis of 50 patients reveals the critical regions responsible for del 1p36 syndrome
Shino Shimada1, Keiko Shimojima2, Kyoko Hirasawa3, Satoru Nagata4, Toshiyuki Yamamoto5
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O-147  Clinical features of persylvian syndrome in Japan
Hiroyuki Torisu1,2, Kaeko Ogura3, Hiroshi Arai4, Hideaki Shiraishi4, Jun Tohyama5, Takashi Kawamura6, Toshiro Hara1, Mitsuhito Kato1
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O-148  Efficient method for the diagnosis of pediatric neurological disorders by next generation sequencing
Chihiro Hatano1, Takayuki Yokoi1, Keiko Watanabe2, Yu Tsuyusaki3, Hiroko Shimbo3, Yumi Enomoto1, Takuya Naruto1, Ikuko Ohashi1, Yukiko Kuroda1, Tomohide Goto2, Kenji Kurosawa1,3
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O-149  Prenatal diagnosis in Tottori University
Kaori Adachi1, Eiji Nanba1,2,3
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O-150  Medical research using iPSC of developmental disorder due to genomic rearrangements
Toshiyuki Yamamoto1, Keiko Shimojima1,2, Hiroyuki Kaneko1, Nobuhiro Okamoto1, Megumu Saito4, Yasuji Kitabatake1,2, Koh-Ichi Nagata1,2, Toshihiko Yada1, Hitoshi Osaka1, Takanori Yamagata1
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7.Division of Integrative Physiology, Department of Physiology, Jichi Medical University, Shimotsuke, Japan  8.Department of Pediatrics, Jichi Medical University, Shimotsuke, Japan
O-151  A two-year-boy having CBL mutation with cortical dysplasia and macrocephaly
Shino Taniguchi1, Toshiyuki Seto1, Kanako Yamashita2, Takao Hoshina1, Taeka Hattori1, Satoru Sakuma1, Haruo Shintaku1, Yoshifumi Suzuki3, Yoshinori Tsursuki2, Naomichi Matsumoto2
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O-152  A family complicated lower limb muscle atrophy and brain malformation with novel DYNC1H1 mutation
Tomoko Kobayashi1,2, Kazuhiro Haginoya1,3, Mitsugu Uematsu2, Tojo Nakayama2, Naomichi Fukuyo2, Yuuko Sato2, Yuki Kubota2, Satoko Miyatake2, Hiroto Katsura4, Naomichi Matsumoto4, Shigeo Kure1,2
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O-153  Brothers of Cockayne syndrome which led to a diagnosis from short stature and mental retardation
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O-154  Regression of Social and Communication Skills in a 14-year-old boy with Down syndrome
Riyo Ueda1, Yoshiaki Saito1, Akiko Tamasaki1, Koyo Ohno1, Tatsuro Kondo2, Katsutoshi Yokoyama3, Takahiro Satake1, Yukitoshi Takahashi4, Yoshihiro Maegaki1
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O-155  Hearing impairment in a girl with interstitial deletion of 2q24.1q24.3
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O-156  Two cases of Coffin-Lowry syndrome associated with cervical myelopathy
Shunsuke Ogaya1, Naoko Kurashashi1, Ayako Umemura1, Keitaro Yamada1, Koichi Maruyama1
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O-157  Clinical features of Childhood Myasthenia Gravis and Congenital Myasthenic syndrome
Yuri Nagao1, Yoshiko Nomura1, Kazue Kimura1, Kei Hachimori1, Masaya Segawa1
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O-158  Efficacy of tacrolimus in 4 myasthenia gravis children
Noboru Yosida1, Tomoyuki Nakazawa1, Mitsuru Ikeno1, Shinpei Abe1, Shinichi Niijima3, Toshiaki Shimizu1
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O-159  Effectiveness of intravenous immunoglobulin therapy in myasthenia gravis
Atsuko Oba1, Shin-Ichiro Hamano1,2, Yuko Hirata1, Yuji Kumagai1, Kenjiro Kikuchi1, Manabu Tanaka2, Motoyuki Minamitani1, Reiko Koichihara
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O-160  Prompt analgesic effects of prednisolone on radicular pain in a patient with Guillain-Barre syndrome
Madoka Kajimoto1, Michiaki Koga2, Hiroko Narumi1, Hirofumi Inoue1, Takeshi Matsushige1, Shouichi Ohga1
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O-161 Bilateral striatal necrosis and Guillain-Barré syndrome associated with Influenza virus infection
Kei Iwata,1 Toshihiko Koji,1 Eiko Sato1, Maho Umehara1, Mari Okada1, Keiko Onda1, Masako Imai1, Natsuko Suzuki1, Masuhiro Shimoda1, Akihiro Oshiba1
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O-162 Efficacy of mycophenolate mofetil against child-onset CIDP
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O-163 A novel PRPS1 mutation in a family with Arts syndrome
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O-164 A girl of giant axonal neuropathy caused by a compound heterozygous mutation in the GAN
Takahito Inoue1,2, Fusako Sasaki1, Yoko Kitano1, Hitomi Hayashi1, Noriko Nakamura2, Kazuho Yoshimura1, Akihiro Hashiguchi1, Hiroshi Takashima1, Saw Yasonumoto1, Shinichi Hirose1, Atsushi Ogawa2
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O-165 A case of HMSN associated with hip dysplasia
Yoshiki Oitani1, Keiko Suzuki1, Haruka Tada1, Asako Ara1, Satoru Ueda1, Ryouzi Umetu1, Kayoko Saito2, Shigetaka Sugihara1
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O-166 A case of left oculomotor nerve paralysis with elevated anti-galactocerebroside antibody in serum
Tsuyoshi Matsuoka1, Hayato Fukuzato1, Masato Hiyane1, Masaharu Ohfu1
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O-167 A case of facial diplegia with elevated anti-GM2 IgM antibody in serum
Hayato Fukuzato1, Tsuyoshi Matsuoka1, Masato Hiyane1, Masaharu Ohfu1
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O-168 Quantitative analysis of surface electromyogram for pediatric neuromuscular disorders
Akihiko Ishiyama1, Mana Higashiura2, Masahiro Sonoo3, Yu Nagashima4, Haruo Uesugi5, Madoka Mori6, Miho Murata1
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O-169 A female infant with beta-propeller protein-associated neurodegeneration (BPAN)
Kyoko Takano1,2, Naoko Shiba3, Mitsuo Motobayashi1, Yuji Inaba1, Yoshimitsu Fukushima1
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O-170 Susceptibility-weighting imaged can detect early brain lesion of BPAN: case reports of two siblings
Yu Tsuyusaki1, Kyoko Takano1,2, Mutsumi Sato1, Keiko Watanabe1, Kazushi Ichikawa1, Mizue Iai1, Sumimasa Yamashita1, Tomohide Goto1, Noriko Aida3, Hitoshi Osaka4, Mitsuko Nakashima5, Hiroto Saito5, Naomichi Matsumoto5
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O-171 An adult case of beta-propeller protein-associated neurodegeneration with L-dopa-induced dyskinesia.
Itaru Moriimoto1, Priyanthi Mangali1, Ayako Nishizawa1, Heng Li2, Yurika Numata1, Shoko Nakamura1, Toshifumi Morimura1, Hideyuki Saya2, Yu-Ichi Goto1
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O-172 Seeking drugs for Pelizaeus-Merzbacher disease using drug repositioning approach
Ken Inoue1, Priyanthi Mangali1, Ayako Nishizawa1, Heng Li2, Yurika Numata1, Shoko Nakamura1, Toshifumi Morimura1, Hideyuki Saya2, Yu-Ichi Goto1
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O-173 Decreased tonic inhibition in the cerebellum causes ataxia in a model mice of Angelman Syndrome.
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O-174 Molecular and phenotype analysis of transgenic mice of Angelman syndrome gene, Ube3a
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O-175 A specific mutation in MECP2 gene causes Angelman syndrome-like phenotype.
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O-176 A de novo TRIM8 mutation and its genetic modifier in a boy with infantile seizures
Yasunari Sakai1, Satoshi Akamine1, Masafumi Sanelufi1, Michiko Torio2, Yoshito Ishizaki1, Hirotomo Saito2, Hiroyuki Torisu1, Naomichi Matsumoto2, Toshiro Harai1
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O-177 A boy case of episodic ataxia type 2 and absence epilepsy with SCN1A gene mutation.
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O-178 A case of developmental regression and chorea athetosis identified a de novo mutation in GNAO1.
Saori Sakamoto1, Yukifumi Monden1, Ryoko Hukai2, Noriko Miyake2, Hiroshi Saito1, Hitoshi Osaka1, Masako Nagashima1, Naomichi Matsumoto2, Takanori Yamagata1
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O-179 Long-term follow up of sibling cases of Dravet syndrome with SCN1A mutation
Hiroshi Maeda1, Masashi Zuki1, Satoshi Kidowaki1, Satoshi Yamasita1, Tomohiro Chiyonobu1, Masafumi Morimoto1
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O-180 A case of epilepsy patient with paralysis of left upper extremity
Mari Hatanaka1, Shuichi Shimakawa1, Shohei Nomura1, Miho Fukui1, Hiroshi Tamai1
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O-181 A new disease case of persistent tremor, action myoclonus, epilepsy and intellectual disability
Mizuki Kobayashi1, Akihiko Miyauchi1, Hitoshi Osaka1, Takanori Yamagata1
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O-182 A case of neck myoclonia with absence seizures associated with cortical dysplasia
Sawai Yasuko1, Nakagawa Eiji1, Ishiyama Akihiko1, Takeshita Eri1, Motohashi Yuko1, Saito Takashi1, Komaki Hirofumi1, Sugai Kenji1, Sasaki Masayuki1
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O-183 The sibling of Lafora disease with a mutation on the NHLRC1 gene detected by whole-exome sequencing
Nami Araya1, Yukitoshi Takahashi1, Hiroki Nasu1, Shinsaku Yoshitomi1, Kazuki Tsukamoto1, Tatsuo Morii1, Tokito Yamaguchi1, Hideyuki Ohtani1, Hiroko Ikeda1, Katsumi Imai1, Hideo Shigematsu1, Yushi Inoue1, Masahiro Ishii1, Masayuki Shimono2, Mitsuihiro Kato3
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O-184 A case of cryptogenic localization-related epilepsy of neonatal onset
Yoshiteru Tamura1, Hiroshi Matsumoto1, Kiyotaka Zaha1, Yasuko Nakamura1, Yasuko Sawai2, Kenji Sugai2
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O-186 Attitude survey about epilepsy in teachers of schools for special needs education.
Yuri Narita1, Shin-Ichiro Hamano1, Kenjiro Kikuchi2, Mai Kuroda1, Daishi Hirano3
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O-187 Attention problems in epilepsy cases detected by ADHD Rating Scale and DN-CAS
Mitsuru Kashiwagi1, Takuya Tanabe2, Chizu Ooba1, Sousuke Yoshikawa3, Ryoei Miyamoto4, Syuichi Shimakawa5, Kouji Azumakawa6, Eiji Wakamiya1, Hiroshi Tamai3
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7. Aino University

O-188 Effects of valproate on serum cystatin C
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O-189 Total carnitine values and factors affecting the results
Toshihide Watanabe1, Masashi Ogasawara1, Rumiko Takayama1
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O-190 Toll-like receptor 3 activation enhances hyperthermia-induced seizures in immature rats
Mitsumasa Fukuda1, Masanori Ito1, Yoshiaki Yano1, Hiroshi Sakuma2, Masaharu Hayashi2
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2. Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan
O-191  Features of pediatric patients with epilepsy who underwent epilepsy surgery
Ayataka  Fujimoto1, Toru Okanishi1, Takuya Yokota1, Hideo Enoki2, Takamichi Yamamoto1
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O-192  Comprehensive Epilepsy Care and Open Brain Surgery for Children in Seirei-Hamamatsu General Hospital
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O-193  Vagus nerve stimulation in 9 pediatric patients with refractory epilepsy
Yoshiyuki  Kobayashi1, Yuji Fujii1, Nobutsune Ishikawa1
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O-194  Subacute progressive encephalitis involving bilateral hemispheres with epilepsia partialis continua
Norimichi  Higurashi1, Tomotaka Oritsu 1,2, Yukioshi Takahashi3, Hiroshi Sakuma4, Shinichiro Hamano5, Hiroyuki Ida1
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O-195  Stereotactic radiofrequency thermocoagulation of 100 consecutive cases with hypothalamic hamartoma
Hiroshi  Shirozu1,2, Hiroshi Masuda1,2, Yosuke Ito1,2, Masaki Sonoda1,2, Shigeki Kameyama1
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O-196  Clinical backgrounds and prognoses after corpus callosotomy in 16 drug-resistant epilepsy children
Tohru  Okanishi1,2, Takuya Yokota1, Hideo Enoki2, Ayataka Fujimoto2, Takamichi Yamamoto2
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O-197  A case of epilepsy with CDKL-5 mutation which could transfer valproate mono therapy.
Tatsuhiko  Shike1
1. Yokohama Municipal Citizens Hospital

O-198  Pyridoxal phosphate is effective therapy for patient with SCN1A missense mutation.
Nobusuke  Kimura1, Yoshihisa Higuchi1, Daisuke Jyouuen1, Kenji Inoue1, Naoko Nishimura1, Makiko Nakamoto1, Hiroshi Nihira1, Tsuyoshi Imai1, Tsuneo Hirota2, Yukihiro Ikeda1, Kenji Nakamura1, Toshiyuki Yamamoto2, Eri Imagawa3, Noriko Miyake4, Naomichi Matsumoto3
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O-199  Case report on the effectiveness of Ethosuximide for intractable epilepsy
Yumiko  Hayashi1, Yoshinori Kobayashi1, Makio Oka4, Katsuhiro Kobayashi1, Harumi Yoshibaga1
1. Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan

O-200  Effectiveness and side effects of levetiracetam treatment
Yuko  Nakano1, Takahiro Ikeda 1,2, Akihiko Miyauchi1, Masako Nagashima1, Yukifumi Monden1, Mari Kuwajima1, Hitoshi Osaka1, Takamori Yamagata1
1. Department of Pediatrics, Jichi Medical University, Tochigi, Japan  2. Rehabilitation Center, International University of Health and Welfare
O-201  Changes on psycogenesis and behavior by levetiracetam-mainly on Autistic Spectrum Disorders-
Michiko Sugama, Asayo Ishizaki
1. Oji Clinic, Division of Medicine, The Japanese Association on Intellectual and Developmental Disabilities, Tokyo, Japan

O-202  Efficacy of the intravenous anticonvulsant drug trial when exchanging oral antiepileptic drugs
Masahiro Ishii, Masayuki Shimono, Yumeko Matsuda, Tomofumi Fukuda, Ayako Senju, Shiho Takano, Naoki Shiota, Koichi Kusuhara
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O-203  Low glycemic index treatment vs modified Atkins diet in intractable epilepsy
Tomohiro Kumada, Minoru Shibata, Fumihito Nozaki, Ikako Hiejima, Anri Hayashi, Atsushi Yokoyama, Kanako Maizuru, Mioko Mori, Tatsuya Fujii
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O-204  Efficacy and safety of fosphenytoin for neonatal seizure.
Mika Nakazawa, Mitsuru Ikeo, Shinpei Abe, Taiki Shima, Shintaro Yamashita, Shinichi Niijima, Toshiaki Shimizu, Akihisa Okumura
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O-205  A case of good course childhood occipital epilepsy of Gastaut with levetiracetam monotherapy
Yuji Hashimoto
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O-206  long term efficasy of rufinamide in the treatment of Lennox-Gastaut syndrome
Shin Okazaki, Ichiro Kuki, Hisashi Kawakami, Kiyohiro Kim, Masatake Fukuda, Yuka Hattori, Hitomo Fuji, Asako Horino, Megumi Nukui, Kiyotaka Tomiwa
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O-207  Steroid Pulse Therapy for a Case of Nonconvulsive Status Epilepticus
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O-208  Efficacy of Saikokaryukotsuboreito for Epilepsy in Children, 3rd Report
Eiji Kurihara
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O-209  Punctate white matter lesions in term/late-preterm infants with neonatal encephalopathy
Toru Kato, Takeshi Tsuji, Fumio Hayakawa
1. Department of Pediatrics, Okayama City Hospital, Okayama, Japan

O-210  Outcome of neonates following perinatal asphyxia
Tatsuya Fukasawa, Takeshi Suzuki, Tetsuo Kubota, Tamiko Negoro
1. Department of Pediatrics, Anjo Kosei Hospital, Aichi, Japan 2. Department of Clinical Psychology, Faculty of Child Development, Nihon Fukushi University, Aichi, Japan
O-211 Serum unbound bilirubin and clinical kernicterus in extremely low birth weight infants
Ichiro Morio1, Hajime Nakamura1, Tsubasa Koda1, Hitomi Sakai2, Daisuke Kirokawa1, Masahiko Yonetani3, Takeshi Morisawa1, Yoshinori Katayama4, Hiroshi Wada5, Masahisa Funato5, Akihiro Takatera6, Akihisa Okumura7, Kazumoto Iijima1
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O-212 Trial of Autologous Cord Blood Stem Cell Therapy for Neonatal Hypoxic-Ischemic-Encephalopathy
Makoto Nabetani1, Haruo Shintaku2, Masahiro Tsuji2, Akira Oka3, Masahiro Hayakawa4, Masanori Tamura5, Yoshiaki Satou5, Shinich Watabe5, Hiroki Ichiya5, Takashi Hamasaki6,7
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O-213 Effect of aminophylline on neonatal behavior
Tomoki Maeda1, Kazuhiro Sekiguchi1, Kazuo Okanari1, Shinichi Uchiyama1
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O-214 Intraventricular hemorrhage was considered as a cause of the fever in the 16-day-old neonate
Motoko Ogino1, Mitsuru Kashiwagi2, Takuya Tanabe1, Shuichi Shimakawa4, Chizu Oba1, Hiroshi Tamai2
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O-215 Body height and endocrine disease in developmental disorder
Yasuko Kobayashi1, Mieko Shimamura2,3, Kumiko Onodera1, Makie Sasaki1, Toshiaki Sadayuki4, Yoshiko Yamaguchi5, Kiyoshi Omura1
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O-216 Developmental profile of the children with periventricular leukomalacia
Kenji Ikeda1, Hiroshi Ozawa2, Ushio Ootaki1, Kayoko Takahashi1, Akiko Kamiishi1, Kiyoshi Arimoto1, Satoshi Kimiya1
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O-217 Public impact of SGA birth on neurodevelopment in infancy: a nationwide population-based study
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O-218 Visual Information Processing Skill in School Children with Spina Bifida
Tomohito Okumura1, Tomoko Miura2, Akihiro Kawasaki3, Makoto Nakanishi4, Shuichi Shimakawa5, Eiji Wakiyama5, Hiroshi Tamai5
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O-219 M-CHAT analysis for very low birth weight infants at the corrected age of 18 months
Keiko Hirabaru1,2, Muneaki Matsuo3, Toshimitsu Takayanagi2
1.Saga-Ken Medical Centre Koureiikan,Saga City,Saga,Japan 2.National Hospital Organization Saga National Hospital,Saga City,Saga,Japan 3.Saga University Hospital,Saga City,Saga,Japan

O-220 Deafness, psychomotor retardation, and white matter lesion associated with mtDNA A8296G mutation
Mayu Tahara1,2, Norimichi Higurashi1, Masatoshi Iijima1, Daishi Hirano1, Hiroshi Kobayashi1, Shin-Ichiro Hamano2, Hiroki Ida1
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O-221 Utility of long-term video-EEG monitoring for paroxysmal events in infancy  
Susumu Ito 1, Hirokazu Oguni 2, Aiko Nishikawa 1, Satoru Nagata 3  
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O-222 The characteristics of temporal lobe epilepsy in infants and children.  
Ryoko Honda 1, Hiroshi Baba 2, Keisuke Toda 2, Tomonori Ono 2, Shigeki Tanaka 1, Tadateru Yasu 1  
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O-223 Developmental and epilepsy outcome in childhood epilepsies with onset in the first year of life.  
Ayuko Igarashi 1, Shinpei Abe 1, Mitsuru Ikeno 1, Shinichi Nijjima 2, Tomoyuki Nakazawa 1, Toshiaki Shimizu 1  
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3. Department of Pediatrics, Juntendo Urayasu Hospital, Tokyo, Japan

O-224 Two cases of benign familial infantile epilepsy with PRRT2 mutation  
Kiyotaka Zaha 1, Hiroshi Matsumoto 1, Yoshiteru Tamura 1, Yasuko Nakamura 2, Atushi Ishii 1, Shinichi Hirose 3  
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2. Japan Self Defense Force Maishuru Hospital, Kyoto, Japan  
3. Department of Pediatrics, University of Fukuoka, Fukuoka, Japan

O-225 Clinico-electroencephalographical study of four cases with repetitive sleep starts  
Yuki Maki 1, Hiroyuki Kidokoro 1, Hiroyuki Yamamoto 2, Akihisa Okumura 1, Yoko Sakaguchi 1, Yuji Ito 1, Chikako Ogawa 1, Tamiko Negoro 1, Kazuyoshi Watanabe 1, Jun Natsume 1  
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O-226 Abnormal movement during sleep in a boy with alternating hemiplegia of childhood  
Sadami Kimura 1, Hiromitsu Toshikawa 1, Tomokazu Kimizu 1, Tae Ikeda 1, Yukiko Mogami 1, Keiko Yanagihara 1, Atushi Ishii 2, Shininchi Hirose 2, Yasuhiro Suzuki 3  
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O-227 Non-Epileptic Twilight State with Convulsive Manifestations on outcome prediction of febrile seizure  
Tetsuhiro Fukuyama 1, Yuuko Takei 1, Jiu Okuno 1, Tukasa Higuchi 2, Noboru Fueki 1, Shinichi Hirabayashi 1  
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3. Division of Rehabilitation, Nagano Children's Hospital

O-228 Blood tests within 6 hours of onset that predict fulminant acute encephalopathy  
Tsukasa Tanaka 1, Masahiro Nishiyama 2, Kyoko Fujita 1, Azusa Maruyama 1, Hiroaki Nagase 1  
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O-229 Clinical and neuroimaging features of acute encephalopathy  
Nozomi Hirai 1, Jun-Ichi Takanashi 1, Satoko Harada 1, Kitami Hayashi 1  
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O-230 Adenosine receptor signaling negatively regulates interleukin-1beta production from murine microglia  
Tomonori Suzuki 1, Hiroshi Sakuma 1, Masaharu Hayashi 1  
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2. Department of Pediatrics, Tokyo Medical Dental University, Tokyo, Japan

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O-231  Upregulation of cerebrospinal fluid macrophage migration inhibitory factor in AERRPS
Tomoko Mizuno1,2, Hiroshi Sakuma2, Tomonori Suzuki0, Masaharu Hayashi2
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O-232  Underlying neurologic disorders in Acute Encephalopathy
Yoshimichi Hirayama1, Yoshihiro Maegaki2
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O-233  1H-MRS in AD/HD -left cerebellum-
Hiromichi Ito1, Kenji Mori2, Masafumi Harada3, Yoshihiro Toda1, Tatsuori Mori1, Aya Goji1, Masahito Miyazaki1, Shoji KAGAMI1
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O-234  Silent MRI in pediatric patients. Radiological evaluation; comparison with conventional MRI
Yoshiyuki Watanabe1, Chisato Matsuo1, Shin Nabatame2, Sayaka Nakano3, Noriyuki Tomiyama1
1.Department of Radiology, Osaka University Graduate School of Medicine 2.Division of Pediatrics Osaka University Graduate School of Medicine

O-235  Development of the human oculomotor nuclear complex: A computerized 3D reconstruction study
Katsuyuki Yamaguchi1
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O-236  Regional cerebral blood flow change in childhood by the quantitative evaluation of 123I-IMP SPECT
Yuko Hirata1, Shin-Ichirou Hamano1,2, Athuko Oba1, Yuji Kumaga1, Kenjiro Kikuchi0, Manabu Tanaka3, Reiko Koicchiara1, Motoyuki Minamitani1
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O-237  Diffusion tensor imaging and hippocampal volumetry in Dravet syndrome
Jun Natsume1, Chikako Ogawa1, Hiroyuki Yamamoto1, Yuji Ito1, Tomoya Takeuchi1, Setsuri Yokoi1, Yoko Sakaguchi1, Yoshiuteru Azuma1, Naoko Ishihara1, Hiroyuki Kidokoro1, Kiyokuni Miura1, Tamiko Negoro1, Kazuoyoshi Watanabe1
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O-238  Diffusion kurtosis imaging of brain in term equivalent preterm infants
Mitsuru Ikeno1, Akihisa Okumura3, Ayuko Igarashi1, Shinpei Abe1, Shinichi Niijima3, Toshiaki Shimizu1
1.Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan 2.Department of Pediatrics, Aichi Medical University, Aichi, Japan 3.Department of Pediatrics, Juntendo University Nerima Hospital, Tokyo, Japan

O-239  Clinical features and brain images of stroke-like episode in patients with Sturge-Weber syndrome
Tomokazu Kinizu1, Hiromi Toshikawa1, Sadami Kimura1, Tae Ikeda1, YUKI Mogami1, Reiko Yanagihara1, Yasuhiro Suzuki1
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O-240  MRI findings of primary central nervous system lymphoma mimicking ADEM
Mutsuini Morishita1, Shin-Ichiro Hamano1,2, Atsuko Oba1, Yuji Kumagai1, Yuko Hirata1, Manabu Tanaka1, Yuki Arakawa1, Katsuyoshi Ko1
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O-241  An adolescent case of respiratory management in congenital central hypoventilation syndrome
Tomohito Fujisaka1, Hitomi Hino1,2
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2. Pediatrics, Teikyo University School of Medicine, Tokyo, Japan
3. Faculty of Health Sciences Department of Occupational Therapy, Mejiro University, Tokyo, Japan

O-242  Two classmates with fainting episodes of OD which occurred simultaneously
Kana Atsumi1, Setsuko Hasegawa1, Rie Miyata1
1. Tokyo kita medical center, Tokyo, Japan

O-243  Cyclic vomiting syndrome treated by sodium valproate
Toshiyuki Hikita1, Kaori Ogita1, Kaori Amakata1, Sono Kaneko1, Natsue Nakamoto0, Hiroko Kodama1
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O-244  Three cases of sleep-related laryngospasm
Shigeyuki Matsuzawa1, Sanae Yamazaki2, Sayaka Nakano2, Shin Nabatame2, Keiichi Osono2, Masako Taniike0
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2. Department of Pediatrics, Osaka University, Osaka, Japan

O-245  Translational research for establishing exon skipping therapy of Duchenne muscular dystrophy
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2. Department of Pediatrics, Graduate School of Medicine, Kobe University

Hirofumi Komaki1,2, Tetsuya Nagata4, Takashi Saito4,2, Eri Takeshita1, Hisateru Tachimori1, Reiko Shimizu3, Maki Ohata1, Akemi Tamaura1, Koichi Fukuda1, Maiko Suzuki3, Harumasa Nakamura2,3, Masayuki Sasaki1,2, Shin-Ichi Takeda1,2,3
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O-247  Trends with steroid therapy for Duchenne muscular dystrophy in Japan.
Fumi Takeuchi2, Hirofumi Komaki2,3, Harumasa Nakamura0, Naohiro Yonemoto4, Kousuke Kashiwabara0, En Kimura1, Shin-Ichi Takeda1,2,3
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6. Department of Biostatistics, School of Public Health, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan
7. Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

O-248  Analysis of urinary prostaglandin metabolite in patients with Duchenne muscular dystrophy
Eri Takeshita1, Hirofumi Komaki1,2, Ryoko Tsuno2, Hisateru Tachimori3, Kazuhisa Miyoshi1, Ikuo Yamamiya4, Yuko Motohashi1, Akihiko Ishiyama1, Takashi Saito1, Eiji Nakagawa1, Kenji Sugai1, Masayuki Sasaki1
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3. Department of Dental Health and Policy, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan
4. Taiho Pharmaceutical Co. Ltd.

O-249  Case report of a brother of Duchenne muscular dystrophy with deletion of all dystrophin gene
Shigemi Kimura1, Shiro Ozasa4, Keiko Nomumura1, Hirofumi Kosuge1
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O-250  Deterioration of renal function in adolescent patients with Duchenne muscular dystrophy.
Takahiro Motoki1, Hirofumi Komaki1, Madoka Mori2, Yasushi Oya1, Eri Takeshita1, Yuko Motohashi1, Akihiko Ishiyama1, Takashi Saito1, Eiji Nakagawa1, Kenji Sugai1, Masayuki Sasaki1, Miho Murata1
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2. Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
O-251 Three cases of Becker muscular dystrophy without muscle symptoms
Hiroto Kobayashi1, Mina Kono1, Eisuke Kondo1, Atsushi Kato2
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O-252 Evaluating methods to assess ADHD tendency in patients with DMD/BMD: A preliminary study
Honoka Shingaki1, Kiyoka Enomoto1, Osamu Imura1, Haruo Fujino1, Tsuyoshi Matsumura2, Toshio Saito2, Harutoshi Fujimura2
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O-253 Serum ALT/AST ratio in Duchenne/Becker muscular dystrophy and dermatomyositis
Tomoko Lee1, Hideki Shimomura1, Hiroyuki Awano2, Mariko Yagi1, Kazumoto Iijima1, Masafumi Matsuo4, Yasuhiro Takeshima1
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O-254 Studies of the reasons for visiting hospital on the patients of child neuromuscular diseases.
Yusaku Miyamoto1,2, Hisako Yamamoto1,2, Masaaki Ikoma1, Hirofumi Komaki2, Hitoshi Yamamoto2
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O-255 A case of Ullrich muscular dystrophy diagnosed in adulthood
Yoko Nishimura1, Shizuka Matsuoka2, Wataru Matsumura1, Ichizo Nishino3, Yoshiaki Saito1, Yoshihiro Maega1
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O-256 Effect of early scoliosis surgery in respiratory function of Ullrich congenital muscular dystrophy
Kosuke Kohashi1, Akihiko Ishiyama1, Akihiko Yonekawa1, Eri Takeshita1, Yuko Motohashi1, Takashi Saitou1, Eiji Nakagawa1, Hirohumi Komaki1, Kenji Sugai1, Masaya Nonaka1, Ichizo Nishino2, Wataru Saito1, Masashi Talaso3, Masayuki Sasaki1
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O-257 A case of tuberous sclerosis with Beckwith Wiedemann Syndrome.
Misako Kinoshita1, Kenjiro Kikuchi2, Shin-ichiro Hamano2
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O-258 Follow-up of various organ lesions in tuberous sclerosis
Harumi Yoshinaga1, Fumiko Endoh1, Takashi Shibata1, Takushi Inoue2, Katsuhiko Kobayashi2
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O-259 Efficacy of everolimus in a TSC patient with rapidly growing subependymal giant cell astrocytoma.
Naoko Ishihara1, Jun Natsume2, Masazumi Fujii1, Tamiko Negro2, Kazuyoshi Watanabe2, Seiji Kojima2
1. Department of Pediatrics, Fujita Health University School of Medicine, Toyoake, Japan 2. Nagoya University Graduate School of Medicine, Nagoya, Japan

O-260 17 cases of tuberous sclerosis made the Vigabatrin administration against intractable epilepsy.
Sato Suzuki1, Hiroki Sato1, Yuko Sato1, Yurika Uematsu1, Tojo Nakayama1, Yuki Kubota1, Naomi Hino-Fukuyo1, Tomoko Kobayashi1, Mitsugu Uematsu1, Shigeo Kure1
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**O-261** effectiveness of vigabatrin and ketogenic diet: two infantile spasms with tuberous sclerosis

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**O-262** Clinical findings of megalencephaly with mutations in PI3K-AKT-mTOR pathway

Atsuko Harada¹, Yonehiro Kanemura ², Fuyuki Miya ³, Hirotomo Saito⁴, Takehumi Yamanaka¹, Masahiro Nonaka⁵, Kenichi Nishiyama⁶, Nobuhiko Okamoto⁴, Hidetsuna Utsunomiya ⁸, Mitsuhiko Kato ⁹, Shinji Saito ¹⁰, Tatsuhiko Tsunoda ³, Yukihiro Fujii ⁶, Naomichi Matsumoto ⁴, Mami Yamasaki ³

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**Poster Presentation**

**P-001** Risperidone usage in preschool age with Autistic spectrum disorder.
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**P-002** Neural Mechanisms of ASD with Apraxia of Speech; DTI and VBM study
Keisuke Wakasawa¹, Hiroyuki Yokoyama ², Chieko Nara ³, Yuki Kubota¹, Shigeo Kure³
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**P-003** The cross-sectional examination of autistic spectrum properties in all kindergartner of Komatsu city
Sachi Otsuki¹, Yoshiki Ueno ¹, Yukiko Koba ¹, Akio Otsuki¹
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**P-004** The link between selective eating and sensory issues in preschoolers with autism spectrum disorder
Miho Shizawa¹, Junko Matsuizaki ², Moe Eto ², Aika Tatsumi³, Tomoka Yamamoto¹, Arika Yoshizaki³, Saeko Sakai², Ikuko Hirata³, Ikuko Mohri ², Masako Taniike²
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**P-005** Differential responses of mismatch field in autism spectrum disorder with auditory hypersensitivity
Junko Matsuzaki¹,², Kuriko Shimono¹,²,³, Ikuko Hirata³, Ryuji Hanajie², Fumiyu Nagatani², Tomoka Yamamoto², Masaya Tachibana², Koji Tominaga⁰, Masayuki Hirata³, Ikuko Mohri¹,²,³, Masako Taniike¹,²,³
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**P-006** Intellectual changes of toddlers with autism spectrum disorders
Hiroyuki Satake¹
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**P-007** Evaluation of sleep and effectiveness of low dose l-dopa in ASD by Sleep Research Support System.
Kyoko Hoshino¹,², Kazue Kimura¹, Yuri Nagao¹, Kei Hachimori¹, Yoshiko Nomura¹, Masaya Segawa¹
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**P-008** Scurvy in a 2 year-old ASD with unbalanced diet; A case report.
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**P-009** Impact of ABA Intervention in the Development of Verbal Communication Skills in Children with ASD
Keitaro Sueda¹, Keiko Morihoka¹, Izumi Hara³, Sachio Hayakawa¹, Keiko Maeda¹
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**P-010** Effects of very low-dose aripiprazole in children with high-functioning autism spectrum disorders
Ikumi Kimura¹,², Yukiko Isono¹, Akira Yoneyama¹, Masutomo Miyado²
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P-011  What does the Synthetic House-Tree-Person Test reveal on individuals with autism spectrum disorder?
Koichi Aizaki, Fuyumi Aizaki, Joyce Lum, Rachel Aiello, Ruth Fuller, Catherine Kochman, Dorothy Mcnee
1. The University of North Carolina TEACCH Autism Program, Charlotte Center, North Carolina, USA

P-012  The qualitative scores of the Boston Qualitative Scoring System and executive functions in childhood
Kosuke Nakano, Tatsuya Ogino, Kiyoko Watanabe, Makio Oka, Yoko Ohtsuka
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5. Asahigawasou Rehabilitation and Medical Center, Okayama, Japan

P-013  How old can children realize self-estimation about school?
Hiroshi Ozawa, Yoko Kishimoto, Yoshiko Nomura, Kaoru Amemiya, Yuri Ozawa
1. Department of Child Neurology, Shimada Ryusyu Center, Hachioji

P-014  Writing and reading difficulty in a boy with fronto lobe injury
Miho Fukui, Shuichi Shimakawa, Mari Hatanaka, Shohei Nomura, Naoko Kurimoto, Mekumi Mizuta, Takashi Takeshita, Tomohito Okumura, Eiji Wakamiya, Hiroshi Tamai
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3. Department of Nursing, Faculty of Nursing and Rehabilitations, Aino University, Furari, Osaka, Japan

P-015  Retrospective study of developmental features in children with hearing disturbances
Syoko Yamauchi, Yuji Inaba, Yoichiro Kawasaki, Mituo Motobayashi, Naoko Shibay
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2. Shishi University, Nagano, Japan

P-016  Study of handwriting behavior using a pen-type simple brush pressure gauge with ASD
Yusuke Watanabe, Taro Ohtoshi, Satoshi Takada
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P-017  Neurophysiological study of frontal functions in a girl with Williams syndrome
Sayaka Ishii, Yoshimi Kaga, Tomoko Tando, Kakuro Aoyagi, Hideaki Kanemura, Takaya Nakane, Kanji Sugita, Masao Aihara
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3. Department of Health Science and Community, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan

P-018  The relationship between sensory processing and behaviors in children with Williams Syndrome
Kanae Matsushima, Keiko Saito, Tomonari Awaya, Takeo Kato, Toshihiro Heike, Kiyotaka Tomiwa, Toshihiro Kato
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2. Kyoto University Graduate School of Medicine, Department of Pediatrics
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P-019  Hyperacusis, fears, and behavior problems in persons with Williams syndrome
Takeo Kato, Masatoshi Nakata, Minako Ide, Takeshi Yoshida, Keiko Saito, Kanae Matsushima, Tomonari Awaya, Toshihiro Kato, Toshiro Heike, Kiyotaka Tomiwa
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P-020  Study of qualitative differences of word and non-word reading in identical schoolage children
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P-021  Analysis of gaze point in young children by Gazefinder  
Koji Mori1, Kenji Tsuchiya2, Taiichi Katayama1, Toshisaburo Nagai1  
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P-022  Emergent Management of acute encephalitis/encephalopathy in standard general hospital.  
Hiroshi Shiraku1, Masayasu Ohta1  
1.JA Toride General Medical Center, Ibaraki Prefecture, Japan

P-023  Genetic background in Japanese acute necrotizing encephalopathy: Cytokine gene polymorphism analysis  
Ai Hoshino1,2, Makiko Saitoh1, Masaya Kubota3, Jun-Ichi Takanashi3, Akira Oka3, Masashi Mizuguchi1  
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P-024  A case of acute encephalopathy treated with delayed targeted temperature management  
Kazumi Tomioka1, Tsukasa Tanaka1, Azusa Maruyama1, Hiroaki Nagase1  
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P-025  3 cases of acute encephalitis suffering from apneic seizures, on which MDL had prominent effect  
Kentaro Shirai1, Haruna Yokoyama1, Akiko Haibara1, Atuko Yamamoto1, Akimitu Watanabe1  
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P-026  A case of AESD with MMA after the liver transplantation.  
Kazuhiko Hashimoto1, Takuya Hayashida1, Tarou Kanbe1, Muneichirou Sumi1, Tatsuharu Sato2, Hiroyuki Moriuchi2  
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P-027  A case of acute encephalitis with refractory, repetitive partial seizures with well treated epilepsy  
Shuei Watanabe1, Sato Suzuki2, Noriko Togashi1  
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P-028  The case of AERRPS that presented a cerebral infarction-like change in Brain MRI.  
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P-029  Efficacy of cyclophosphamide pulse therapy in AERRPS  
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P-030  A case of acute encephalitis with refractory, repetitive partial seizures with myoclonic seizures  
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P-031  A retrospective review of 3 AERRPS children hospitalized from 2012 to 2014 at our hospital
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P-032  A five cases of Lung abscess with severe motor and developmental disabilities
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P-033  A case report of newborn GBS meningitis which measured MEPM concentration in blood and CSF
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P-034  Two cases diagnosed as autism spectrum disorder in courses of post-bacterial meningitis
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P-035  A case of Toxic Shock Syndrome after burn injury treated with multimodality therapy
Yoshitsugu Okawa1, Mitsugu Uematsu1, Atsuo Kikuchi1, Tojo Nakayama1, Takaaki Kigoshi1, Naomi Fukuyo1, Shigeo Kure1
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P-036  Sepsis-associated encephalopathy in 4 patients with digestive disorder during TPN
Tae Ikeda1, Hiromi Toshikawa1, Sadami Kimura1, Yuichi Kimiz1, Yukiko Mogami1, Keiko Yanagihara1, Yasuhiro Suzuki1
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P-037  Retrospective investigation of congenital cytomegalovirus infection in children with hearing loss
Nishiki Makioka1, Tomomi Ogata1, Noriko Sawaura1, Kazuhiro Muramatu1, Kyoko Hazama1, Keiko Tomita1, Kuniko Ida1, Miho Kobayashi1, Tosino Motojima2, Hirokazu Arakawa1
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P-038  Monitor of plasma and cord spinal fluid CMV DNA is useful for treatment of congenital CMV infection
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P-039  13-year-old patient presenting facial pain and vestibular disorders cause of reactivated VZV
Hisashi Tsuru1, Kenji Watanabae1, Yuusui Baba1, Kazuyuki Yotsumata1
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P-040  Characteristics and Developmental Prognosis of Human Parechovirus Type 3 Infection
Satoshi Takenaka1, Tadayuki Kumagai1,2, Mai Anzai1, Mariho Kasai1, Yu Watanabe1, Hiroshi Terashima1, Masaya Kubota1
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P-041 Two Pediatric Cases of group A Coxsackievirus Associated Encephalopathy

Michiko Yamada 1, Chikako Arakawa 1, Sonoko Kubota 1, Emiko Momoki 1, Yuki Kawamura 1, Wakako Ishii 1, Ayumi Fukuda 1, Ryutaro Kohira 1, Yukihiko Fujita 1, Tatsuo Fuchigami 1, Hiroshi Ushijima 2, Thikim Ngan Pham 2, Syori Takehashi 1

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P-042 The procedure to take 13 trisomy & 18 trisomy infants from NICU care to home care

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P-043 Actual condition survey of welfare service for persons with disabilities

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P-044 Situation of high school students in the disaster area from the viewpoint of their teachers.

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P-045 Accessibility of Child Neurology Specialists' Information: An Online Study

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P-046 Awareness of mothers, childcare workers and pediatricians regarding two-year-old child's daily habit

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P-047 Survey of the folic acid administration for the female patients with epilepsy.

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P-048 Survival rate in severely disables and clinical features of death in less than 24 hours

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P-049 Nocturnal catheterization for recurrent urinary tract infection in profoundly disabled children

Keitaro Yamada 1, Shunsuke Ogaya 1, Naoko Kurashashi 1, Ayako Umemura 1, Koichi Maruyama 1, Kozaburo Aso 2

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P-050 Presence of otoacoustic emissions in severe hypoxic-ischemic-encephalopathy with absence of ABR

Akiko Yamamoto 1, Toshihiro Suzuki 1, Yuji Tachioka 1, Yuki Inage 1, Hitomi Noguchi 1, Shihou Honzawa 1, Hideomi Oota 1, Yasuhiko Araki 1, Tatsuo Masuyama 1, Yuji Iwasaki 1, Kaori Murata 1,2, Makiko Kaga 1

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**P-051**  Body composition using DXA for nutritional management in children with severe hypoxic brain damage  
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**P-052**  Using experiences of the new small gastrostomy button for Severely Handicapped Children (Persons)  
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**P-053**  The clinical feature of acute pancreatitis in children with SMID  
Shuji Matsui 1, Yumino Oono 1, Michiko Makino 1, Keiko Wada 1, Mitsunobu Matsuda 1, Keiko Akahoshi 1, Masuko Funahashi 1, Toshihide Shiki 1  
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**P-054**  Trial of speaking valve use for preventing aspiration in two patients with tracheostomy  
Azusa Oshiro 1, Sadao Nakamura 1, Kunihiro Tamashiro 1  
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**P-055**  Management of laryngotracheal separation without cannula to prevent tracheoinnominate artery fistula  
Yoshiko Tanaka 1, Naobumi Endo 1, Chiyoko Nagano 1, Hiroshi Asada 1, Soichiro Tanaka 1, Yohji Sasahara 1, Junko Kanno 1, Ikuko Ohshima 1  
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**P-056**  The effectiveness of nasal high-flow in cerebral palsies with respiratory insufficiency  
Ikuo Hiejima 1, Tomohiro Kumada 1, Kanako Maizuru 1, Anri Hayashi 1, Humihito Nozaki 1, Atushi Yokoyama 1, Minoru Shibata 1, Tatuya Hujii 1  
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**P-057**  One case of XLAG which had trouble with nourishment management  
Hirotaka Motoi 1, Yu Fujiwara 1, Yoshihiro Watanebe 1, Saoko Takeshita 1, Mitsuhiro Kato 2  
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**P-058**  Sibling of congenital disorders of glycosylation with MAN1B1 gene mutation  
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**P-059**  A case of Zellweger syndrome with non-convulsive seizures  
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**P-060**  Central hypothyroidism with intellectual deterioration in 15 years old girl  
Shiho Honzawa 1, Toshihiro Suzuki 1, Yukiko Inage 1, Hitomi Noguchi 1, Yasuhiro Araiz 1, Hideomi Ota 1, Tatsuo Masuyama 1, Yui Iwasaki 1, Masatake Arima 1, Makiko Kaga 1  
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P-061 Clinical Research for Inherited Glycosylphosphatidylinositol Deficiency in Osaka University
Junpei Tanigawa 1,2, Kanako Kishimoto 1,2, Sanae Yazama 2, Yoshiko Iwatai 1,2,3, Kouji Tominaga 0, Kuriko Shimono 0, Shin Nabatame 0, Yoshiko Murakami 0, Taro Kinoshita 0, Toshisaburo Nagai 2, Keiichi Ozono 1,3
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P-062 Is 12-minute walk test applicable for outcomes assessment in McArdle disease?
Naoko Shiba 1, Shoko Yamauchi 1, Yoichiro Kawasaki 1, Mitsuo Motobayashi 1, Hirokazu Genno 2, Akinori Nakamura 2, Yuji Inaba 1
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P-063 Massive hemobilia in metachromatic leukodystrophy
Mondo Kuroda 1, Ayano Yokoi 1, Hiroyasu Nakagawa 2, Yusuke Mitani 1, Natsumi Inoue 3, Akira Sato 1, Yasuhiro Ikawa 1, Yo Niida 2, Akiiro Yachie 1
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P-064 Neuronal involvement in infantile-onset Pompe disease
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P-065 A first case report of CLN8 mutation in late infantile neuronal ceroid lipofuscinosis in Japan
Yu Katata 1, Mitsugu Uematsu 1, Hiroki Sato 1, Sato Suzuki 1, Tojo Nakayama 1, Yuki Kubota 1, Tomoko Kobayashi 1, Naomi Hukuyo 1, Hirotomo Saito 2, Shigeo Kure 1
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P-066 A case of Fabry disease with cervical spondylotoisis improved by enzyme replacement therapy
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P-067 Neonatal Gene Therapy of MPS VII Mice using Lentiviral Vector improved Behavior Deficits
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P-068 A Case of Segawa's Disease with CGH1 Gene mutation
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P-069 Clinical manifestation of beta-ureidopropionase deficiency patient with epilepsy and autism
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P-070 A severe respiratory distress requiring tracheostomy in infant with Pelizaeus-Merzbacher disease
Ayako Ueda 1, Yasunori Koike 1, Yukari Yada 1, Yumi Kono 1, Hiroko Shimbo 2, Hitoshi Osaka 1, Takanori Yamagata 1
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P-071  The Study of Cerebral Creatine deficiency Syndromes in Japan
Takahito Wada, Hitoshi Osaka, Noriko Aida, Tomohide Goto, Yuu Tsuyusaki, Hiroko Shimbo, Hidekazu Kato, Kyoko Takeno, Sumio Ohatsuki, Shingo Itoh, Masanori Tachikawa, Yuko Kuroswa.
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P-072  Cimetidine therapy for the intermittent fever in Aicardi-Goutieres syndrome: a case report
Ayako Kashimada, Hisako Ishiwata, Koji Takahashi, Tomohiro Nomura, Kengo Moriyama, Shimpei Baba, Keisuke Nakajima, Setsuko Hasegawa, Kei Murayama, Ryuta Nishikomori, Yugi Sugawara.
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P-073  MRI views in “Infantile-onset leukoencephalopathy with high lactate level and slow improvement”
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P-074  Efficacy and safety of verum-dose betametasone therapy in ataxia telangiectasia
Setsuko Hasegawa, Satoko Kumada, Takashi Hasegawa, Takatoshi Hosokawa, Mitsugu Uematsu, Akio Fujine, Ikuko Shirai, Hisako Ishiwata, Ayako Kashimada, Masatoshi Takagi, Yugi Sugawara.
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P-075  5 cases in patients with early childhood onset DRPLA (Dentatorubral-Pallidoluysian Atrophy)
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P-076  A family case of spinocerebellar ataxia type29.
Tatsuharu Sato, Satoshi Watanabe, Nanako Nishiguchi, Daishi Inoue, Kiyoko Watanabe, Yoshiaki Watanabe, Koh-Ichiyo Yoshitari, Hiroyuki Morichi.
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P-077  aCGH assay for 45 samples with multiple congenital anomaly and/or developmental delay.
Tomonari Awaya, Takeo Kato, Masatoshi Nakata, Keiko Saito, Takeshi Yoshida, Minako Ide, Tomotaka Komori, Toshiro Mairiha, Tomohiro Kumada, Tatsuya Fujii, Toshiro Heike.
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P-078  Diagnosis of copy number variation by array-CGH:our recent experience
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P-079  Comprehensive methylation analysis of multilocus imprinted DMRs in Beckwith-Wiedemann syndrome
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P-080  Clinical efficacy of comprehensive genomic analysis in diagnosis of cryptogenic West syndrome
Atsuo Kikuchi, Naomi Hino-Fukuyo, Natsuko Araizumi-Inai, Tetsuya Niiho, Ryo Sato, Kudo Hiroki, Yoko Sato, Tojo Nakayama, Yusuke Kakisaka, Yuki Kubota, Tomoko Kobayashi, Mitsu Uematsu, Yoko Aoki, Kazuhiro Haginoya, Shigeo Kure.
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The 57th Annual Meeting of the Japanese Society of Child Neurology

P-081 Genetic analysis in patients with intellectual disability
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P-082 Modeling genetic microcephaly with efficient cellular and zebrafish systems
Tojo Nakayama1,2, Almundher Al-Maawal1,2,3, Malak El-Quesnyny4, Klaus Schmitz-Abe1,2, R. Sean Hill5, Jennifer N. Partlow5, Michael E. Coulter5, Princess C. Elhosary0, Kyriacos Markianos0, Annapurna Poduri4, Ganeshwaran H. Mochida1,2,3
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P-083 Association of carnitine palmityltransferase 2 gene polymorphism and febrile seizuresusceptibility
Yoshito Ishitaki1, Yasunari Sakai1, Masafumi Sanefuji1, Sooyoung Lee1, Michiko Torio1, Toshiro Hara1
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P-084 The analysis of hedgehog pathway in human fibroblasts derived from Gorlin syndrome patients.
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P-085 Scintigraphy in the diagnosis of complications of intrathecal baclofen therapy: report of 3 cases
Hiroshi Terashima1, Akiko Shibata1, Mariko Kasai1, Yu Watanabe1, Hirofumi Kashi1, Natsu Sasaki2, Hideki Ogiwara2, Nobuhiyo Morota2, Masayuki Kitamura4, Masaya Kubota1
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P-086 A case of hemophiliac presented with subdural hemorrhage associated with cerebral infarction
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P-087 Different phenotypes of Moyamoya disease in a familial case with a heterozygous variant in RNF213
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P-088 Accelerated onset of moyamoya syndrome in a Down syndrome patient with RNF213 p.R4810K variant
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P-089 An infant case of Moyamoya disease with recurrent cerebral infarction.
Takao Morimune1,2, Jun Matsu1, Noriko Nishikura4, Seiichiro Yohoshioka1, Tomoyuki Takano1, Yoshihiro Takeuchi1
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P-090 One case of the Moyamoya disease of unique progress
Kuniko Ida1,2, Toshino Motojima3, Kazuhiro Muramatu2, Noriko Sawaura2, Keiko Tomita2, Nishiki Makioka2, Tomomi Ogata2, Kyouko Hazama2, Miho Kobayashi2, Hirokazu Arakawa2
1. Iesaki Municipal Hospital 2. Department of pediatric, Gunma University, Graduate School of medicine, Gunma Japan 3. Motojima General Hospital
P-091  A 5-year-old boy of reversible cerebral vasoconstriction syndrome with polycystic kidney disease
Genrei Ohta 1, Masao Kawatani 2, Hiroshi Kometani 2, Kazuhisa Watanabe 2, Yuuko Isozaki 1, Yasunori Ishihara 3, Yusei Ohshima 1
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P-092  A case of fibrocartilaginous embolism
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1. Department of Pediatrics, National Hospital Organization Minamiwakayama Medical Center, Tanabe, Japan 2. Department of Radiology, Teikyo University, Tokyo, Japan

P-093  A case report of MELAS with dilatation of middle cerebral artery in acute phase.
Atsushi Takagi 1, Miki Ueda 1, Hanako Tajima 1, Jyuri Ogawa 1, Yasuhiko Ito 1
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P-094  Desmoplastic Infantile Astrocytoma with Head-tilting and Enlarging Head Size
Tasuku Takadera 1, Yoshihiro Aoki 1, Riu Honma 1, Tatsuya Nishimura 1, Yuuichi Kubo 1, Yukie Arahata 3, Hironobu Kobayashi 1, Masayoshi Senda 1, Katsuhiko Kitazawa 1, Akihito Honda 1, Takeya Suzuki 2, Shigeru Ooya 2, Kenji Ooe 1, Yoshiro Suzuki 3, Katsunori Fujii 3
1. Department of Pediatrics, Asahi General Hospital, Chiba, Japan 2. Department of Neurosurgery, Asahi General Hospital, Chiba, Japan 3. Department of Pathology, Asahi General Hospital, Chiba, Japan

P-095  Analysis about bone density change in Duchenne muscular dystrophy
Seiko Itomi 1, Rie Suzuki 1, Souichi Mukaida 1, Kazuhiro Shiraishi 1
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P-096  Hypocarnitinemia in Duchenne muscular dystrophy
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P-097  Anti-inflammatory therapy for exacerbation of heart failure in Duchenne muscular dystrophy
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P-098  Examination of respiratory functions at NPPV initiation in patients with Becker muscular dystrophy
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P-099  Characteristics of autistic behavior in patients with dystrophinopathies
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P-100  Various Aspects of Medical Follow up in Emery-Dreifuss Muscular Dystrophy
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P-102  Severe hypocarnitinemia caused by 3 days treatment with antibiotics containing pivalic acid in FCMD
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P-103  The importance to support high school life of a girl with refractory generalized myasthenia gravis
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P-104  A case of myasthenic crisis requiring mechanical ventilation with difficulties in extubation
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P-105  Effectiveness of tacrolimus for pediatric myasthenia gravis.
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P-106  Successful treatment of 5 children with ocular myasthenia gravis using tacrolimus
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P-107  A case of myasthenia gravis presenting with bulbar paralysis as initial symptom.
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P-108  Analysis of immunological profile in childhood-onset myasthenia gravis
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P-110  An infant case of Guillain-Barre syndrome after Cytomegalovirus infection in a 3 years old boy
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P-112 Good efficacy of Stiripentol in two adolescent Dravet Syndrome
Satoko Koga, Atsushi Araki, Kazunari Kaneko, Atsushi Ishii, Shinichi Hirose
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P-113 Efficacy of Topiramate for Dravet syndrome
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P-114 Treatment of Severe Myoclonic Epilepsy of Infancy: our experiences
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P-115 Maternal somatic mosaicism of SCN1A mutation in sibling patients with Dravet syndrome.
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P-117 Clinical profile and EEG findings of four children with migrating partial seizure
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P-118 A case of migrating partial seizures in infancy with Muenke syndrome
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P-119 A case of malignant migrating partial seizures of infancy with KCNT1 mutation
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P-120 Study of early clinic-electrical features in 6 patients with PCDH19 related epilepsy
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Hidemi Kawashima, Jun Tohyama, Noriyuki Akasaka, Yu Kobayashi, Shinichi Magara, Sawako Yamazaki
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P-123 **Efficacy of Rufinamide for intractable epilepsy including Lennox-Gastaut syndrome**
Yu Watanabe, Tadayuki Kumagai, Mai Anzai, Satoshi Takenaka, Mariko Kasai, Hiroshi Terashima, Masaya Kubota
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P-124 **Prognosis associated treatment lag of infantile spasms with Down syndrome**
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Reiko Koichihara, Yugi Kumagai, Yuko Hirata, Atsuko Oba, Kenjiro Kikuchi, Manabu Tanaka, Motoyuki Minamitani, Shin-Ichiro Hamano
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P-126 **Remission of West syndrome who used tacrolimus after liver transplantation for protein C deficiency**
Mariko Kasai, Masatoshi Matsunami, Seiichiro Yoshioka, Tadayuki Kumagai, Mai Anzai, Satoshi Takenaka, Yuu Watanabe, Hiroshi Terashima, Akinari Hukuda, Mureo Kasahara, Masaya Kubota
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P-127 **Retrospective study of the prognosis of West syndrome in our hospital**
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P-128 **Vigabatrin efficacy for West syndrome in tuberous sclerosis complex: a report on three cases**
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P-129 **NMDA type GluR antibody in CSF in children with West syndrome.**
Tatsuo Mori, Yukitoshi Takahashi, Nami Araya, Daikan Oboishi, Akiro Watanabe, Kazuki Tsukamoto, Tokito Yamaguchi, Shinsaku Yoshitomi, Hirosato Nasu, Hiroko Ikeda, Hideyuki Otani, Katsumi Imai, Hideo Shigematsu, Yuji Inoue
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P-130 **Efficacy of rufinamide for Lennox-Gastaut syndrome at my hospital**
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P-132 Clinical features of post-encephalopathic epilepsy
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P-133 The study of hypercapnia and duration time of seizure in febrile convulsions
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P-136 A case of rapid-progressive bilateral Rasmussen's encephalitis
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P-137 Impact of Frequent Generalized Motor Seizures On Systemic Parameters In Children With Epilepsy
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P-138 A refractory case of Eyelid Myoclonia with Absences
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P-139 Hot water epilepsy that was developed to 11 years old boy with mental and physical disabilities
Syuji Hashimoto 1, Hisako Yamamoto 1, Miho Adachi 1, Natsuko Arai 1, Yuusaku Miyamoto 1, Noriko Udagawa 1, Hiroshi Murakami 1, Hitoshi Yamamoto 1
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P-140 A children with symptomatic focal epilepsy exhibiting forced normalization
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P-142  **Carry over cases in an outpatient clinic of psychology and development**  
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P-143  **The sensory assessment of autistic children with unbalanced diet**  
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P-144  **Report Of Questionnaire For Training Seminar To Utilize Assessments**  
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P-145  **Effects of checkup at nursery centers on early detection of children with developmental disorders**  
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P-146  **Self-recognition supports of high-function autism spectrum disorder in collaboration with education**  
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P-147  **Effective Trial For Support System For Developmental Disabilities**  
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P-148  **Effect of early intervention for children with autism spectrum disorders under 3 years old**  
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P-149  **A trend of medical support for developmental disabilities in Tottori University Hospital.**  
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P-150  **Visual function of preterm infant in early infancy**  
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P-152 Examining executive functions in children with developmental disabilities according to ages
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P-153 A study of the background factors of children who have been diagnosed with developmental dyslexia
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P-154 A longitudinal study on the development of reading/writing skills in children from the preschool age
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P-155 Cognitive Effects of long-term administration of Methylphenidate on Children with AD/HD
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P-156 A patient of frontal lobe epilepsy with ADHD symptoms
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P-157 The growth rate of ADHD children treated with stimulants
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P-159 Evaluation of the attention-deficit/hyperactivity disorder children’s height at first visit
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P-160 Cases of chief complaint for reading and writing difficulty
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P-161 Characteristics of Kanji reading skill in Japanese dyslexic children
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P-162 Examination of the medical treatment effect of the ADHD using QCD
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P-163 Sleep medical examination of junior high school students in Ota memorial sleep center
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P-164 A Comprehensive treatment approach to a girl with severe hypersomnia and anorexia
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P-165 Differences Between AASM2007 Child and Adult Respiratory Event Scoring in Japanese Children
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P-166 A case of narcolepsy with congenital left internal carotid artery deficit.
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P-167 Clinical diversity in twins with neurodevelopmental disorders
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P-168 A research on actual situation of playing video games
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P-169 Alice in wonderland syndrome treated with oriental medicine
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P-170 An Effective Case of Low Dose Levodopa Therapy of Tourette’s syndrome
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P-171 Change of IQ and behavior assessment with enzyme replacement therapy in Mucopolysaccharidosis II
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P-172 Autistic character in Congenital Insensitive to Pain
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P-173 Correlation between brain MRI findings and developmental outcome in preterm infants
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P-174 Neonatal seizure in Nagano Children's Hospital
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P-175 Treatment of intractable neonatal seizure in a case with a SCN2A mutation by using a lidocaine patch
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P-176 Chronological change of brain MRI in West syndrome patients with SPTAN1 gene mutation
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P-177 A three-month-old boy with Sturge-Weber syndrome without facial nevus
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P-178 Arterial embolization of renal angiomylipoma in patients with tuberous sclerosis complex.
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P-179 Evaluation using near-infrared spectroscopy (NIRS) until flat EEG; a case of acute encephalopathy
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P-180 A boy with CDG who suffered from HHV6 encephalitis and showed anterior commissure involvement
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P-181 Diffusion tensor image of xeroderma pigmentosum group A
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P-182 Analysis of diffusion tensor image of lissencephaly caused by LIS1 mutation
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P-183 The serial MRS study of the patients with Tuberous Sclerosis Complex
Atsushi Imamura1, Naoki Matsuo1, Emiko Kobayashi1, Eiji Matsukuma1, Kunihiro Matsunami1, Syuji Kuwabara1, Kazuhiro Hirata1, Sotarou Yuzawa1, Yutarou Ueno1
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P-184 Pathological study of a lissencephaly case who died of necrotizing enteritis following ileus
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P-185 A 9-year-old boy case with recurrent anti-NMDAR encephalitis associated with mycoplasma pneumonia.
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P-186 The boy of autoimmune limbic encephalitis presenting with painful various involuntary movement
Aya Sato1, Takao Morimune2, Jun Matsui2, Noriko Nishikura2, Seiichiro Yoshioka2, Tomoyuki Takano2, Yoshihiro Takeuchi2, Yukitoshi Takahashi2
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P-187 A case of Anti-NMDA receptor encephalitis couldn't be treated with the exception of Rituximab
Yoshihiro Takahashi1, Shinsuke Maruyama1, Kenji Watanabe2, Yuusei Baba2, Hisami Inoue2, Chihiro Yonee3, Nozomi Sano1, Kazuyuki Yotumata2, Yukitoshi Takahashi4, Yoshihumi Kawano1
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P-188 Studies on three cases of limbic encephalitis in Kakogawa West City Hospital
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P-189 A case of autoimmune encephalitis with recurrent seizures.
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P-190 A pediatric case of Hashimoto’s encephalopathy presenting with acute cerebellar ataxia
Ryoko Nakamura1, Kohei Haraguchi1, Masaru Matsukura1, Pin Fee Chong1, Ryutaro Kira1
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P-191  A case of MERS with cerebellitis during juvenile idiopathic arthritis treatment
Akiko Hiraiwa 1, Tomomi Tanaka 1, Takashi Kuramoto 1, Kazushi Miya 1, Hiromichi Taneichi 1, Yuuichi Adachi 1
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P-192  Study of 10 patients with acute encephalopathy administered drugs to treat mitochondrial disease.
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P-193  Efficacy of TRH treatment for patients with SSPE
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P-194  A neonate case of acute encephalopathy associated with RSV without bronchiolitis
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P-195  Four cases of acute disseminated encephalomyelitis proceed by unspecific symptoms
Hiroshi Shiraga 1
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P-196  Acute demyelinating encephalomyelitis after anti-venom therapy in mamushiviper bite.
Shinji Itamura 1, Kentaro Kuwabara 1, Kazunori Ogawa 1
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P-197  A case of acute disseminated encephalitis initially showing a transient reversible splenial lesion
Nobuko Moriyama 1, Natsuko Oyake 1, Takayuki Naoi 1
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P-198  A case of MS developing the only acute abdominal pain resulting from thoracic demyelinating lesion
Shohei Nomura 1, Shimakawa Shuichi 1, Mari Hatanaka 1, Miho Fukui 1, Hiroshi Tamai 1
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P-199  A case of MOG antibody-positive NMO spectrum disorders
Masato Hiyane 1, Hayato Fukuizato 1, Tsuyoshi Matsuoka 1, Masaharu Ohfu 1
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P-200  A case of anti-MOG antibody-positive optic neuritis without apparent abnormal MRI findings
Yoshihumi Murayama 1, Nobuyoshi Sugiyama 1, Mariko Iekami 1, Chinami Yamasaki 1, Shin-Ichi Matsuda 1, Yoshihiro Miyashita 1
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P-201 The efficacy of plasma exchange for a visual disorder of Neuromyelitis optica spectrum disorders
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P-202 A case of neuromyelitis optica, whose relapses were prevented by rituximab.
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P-203 Azathioprine and prednisolone for 2 patients with relapsing opsoclonus-myoclonus syndrome
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P-204 Strategy for botulinum toxin therapy in the disabled - Importance of target muscles and team approach
Tetsuro Nagasawa’, Naho Saito’, Michio Fukumizu’
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P-205 Experience of risperidone to hypertonic children with cerebral palsy
1. National Rehabilitation Center for Children with Disabilities

P-206 Urinary melatonin and total antioxidant capacity in neurological disorders in children.
Naoyuki Tanuma’, Yumi Okoshi’, Michio Fukumizu’, Rie Miyata’, Masaharu Hayashi’
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P-207 The correlation between the urinary secretion of melatonin and the clinical symptoms in SMID
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P-208 Present situation and problem of home medical support for patients with home mechanical ventilation
1. Nishinomiya-Sumagai Medical and Welfare Center, Nishinomiya, Japan

P-209 Present status and problems of medical care for the physically disabled children in school
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P-210 Coordinators meeting for children in need of medical care
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P-211 Medical Day Care: A new method of pediatric home medical care
Takuya Kobayashi
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P-212 A Study on Persons with Severe Motor and Intellectual Disabilities Applying for Care Facilities
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P-213 WPW syndrome in patients with MELAS
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P-214 An infant of cerebral infarction of bilateral posterior lobe with lactic acidosis
Noriko Nishikura1, Jun Matui1, Seichiro Yoshioka1, Tomoyuki Takano1, Yoshihiro Takeuchi1, Tatsuyuki Sokoda1, Aya Sato1, Fukuiko Ryuji1, Eiiseko Ita1
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P-215 A case of MELAS strokes after recurrent visual hallucinations and headaches
Taro Kitamura1, Yu Katata1, Toshiyuki Nishio1, Masaru Takayanagi1, Toshihiro Ohura1
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P-216 Fluctuation in eye symptom associated with mitochondrial disease (CPEO)
Toshihiro Nomura1, Tsunehiko Kurokami1, Naoto Hirayanagi1, Masayuki Shimohira1, Michio Inoue2, Akihiko Ishiyama2, Yu-Ichi Goto2
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P-217 A case of Mitochondrial disorders which was regarded as encephalopathy due to hypoxia
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P-218 Low dose steroid therapy of a case of MELAS syndrome with repeatedly recurrent stroke attacks
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P-219 Characteristics of clinical course in Leigh encephalopathy with SURF1 gene mutation: 4 case reports
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P-220 A case of POLG mutation with deficiency of complex I&IV revealed by Blue-Native PAGE (BN-PAGE)
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P-221 Siblings of severe delay and involuntary movement with MED17 mutation by whole exome sequencing
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P-222 a girl diagnosed as MIPCH who had persistent fatal vasculature
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P-223 A case with microcephaly induced by PNKP gene mutation
Tomomi Tanaka 1, Kazushi Miya 1, Syouhei Kusabiraki 1, Akiko Hiraiba 1, Yuuki Watanabe 1, Takashi Kuramoto 1, Seiko Fujiki 1, Chiaki Tanaka 1, Yuuichi Adachi 1, You Niida 1
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P-224 Patients of father and son with COL4A1 mutation who have neurological disorders
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P-225 Synergistic effects of NF1 and MAGEL2 mutations in a female with severe developmental delay
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P-226 A case of COL4A1 gene mutation that is similar to TORCH syndrome
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P-227 A case of mitochondrial disease with 10q21.3-22.1 deletion
Koji Tominaga 1, Kanako Kishimoto 1,4, Junpei Tanigawa 1, Sanae Yamazaki 1, Michiko Shinpo 1, Yuusuke Hamada 1, Yoshiko Iwatani 0, Shin Nabatame 0, Kuriko Shimono 0, Kei Murayama 2, Toshisaburo Nagai 1,3,4, Keiichi Ozono 0,4,1,3
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P-228 A case with severe form Young-Simpson syndrome by de novo KAT6B 10-base pair duplication
Yo Niida 1, Yusuke Mitani 2, Mondo Kuroda 2, Ayano Yokoi 2
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P-229 A case of hematuria and hypercemia with COL4A1 mutation.
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P-230 Concurrent PAX6 mutation and 22q34 deletion mimicking WAGR syndrome phenotype
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P-231  A case of Gomez-Lopez-Hernandez syndrome
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P-232  A pediatric case of neuroblastoma associated with 11q interstitial deletion
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P-233  Fetal alcohol syndrome in a Japanese girl: case report
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P-234  Joubert syndrome with AHI1 mutation: the clinical and radiological findings of a case
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P-235  Fetal ventriculomegaly of unknown cause: A retrospective study from a single institution.
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P-236  Angelman syndrome with 15q larger deletion showing severe developmental delay
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P-237  A case of SOX2 anophthalmia syndrome with hypoplastic olfactory nerve
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P-238  15-years old patient with Joubert syndrome who showed sleep related breathing disorders
Fumihi Nozaki¹, Tomohiro Kumada¹, Minoru Shibata¹, Anri Hayashi¹, Ikuko Hiejima¹, Mioko Mori¹, Kanako Maizuru¹, Atsushi Yokoyama¹, Tatsuya Fuji¹
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P-239  Refractory epilepsy of Kabuki syndrome with late-onset West syndrome
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P-240  Long-time survival for 2 years and 3 month in brain-dead condition due to shunt closure
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P-241  A Causative Factor of Growth Hormone Defect in Glucose Transporter 1 Deficiency Syndrome  
Shin Nabatame1,2, Kuriko Kagitani-Shimono1,2,3, Kouji Tominao2, Kanako Kishimoto2, Junpei Tanigawa1,  
Sanae Yamazaki3, Yoshiko Iwatani4, Yoko Miyoshi5, Keiko Yanagihara3, Toshisaburo Nagai4, Keiichi Ozono1,2.  
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P-242  Six cases of Glucose transporter 1 deficiency syndrome  
Taikan Oboshi1, Katumi Imai1, Akito Watanabe1, Natumi Araya1, Kazunori Tukamoto1, Sinsaku Yositomi1,  
Tatuo Mori1, Hirotsuo Nasu1, Hiroko Ikeda1, Hidenobu Otani1, Hideo Shimagata1, Yukitoshi Takahashi1,  
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P-243  De novo SCN8A mutation causes Ohtahara syndrome  
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P-244  One case with the SCN1A mutation that showed febrile convulsions frequently after 1 year old  
Taiki Shima1, Ayuko Igarashi1, Mitsuru Ikeno1, Shinpei Abe1, Tomoyuki Nakazawa2, Shinichi Niijima3,  
Yuusaku Miyamoto1, Shinichiro Hirose1, Akihisa Omura1, Toshiaki Shizuma1, , , . , .  
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P-245  A case of epileptic encephalopathy caused by STXBP1 mutation  
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P-246  Successful Treatment of EPC with Corticosteroid in a Case of SSADH Deficiency  
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P-247  Epilepsy in two cases of FOXG1-related disorders  
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P-248  A case of neonatal seizure with KCNQ2 gene containing new mutation  
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P-249  Early onset epileptic encephalopathy with mutation in QARS  
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P-250  **Characteristics of Epilepsy in Kabuki Syndrome**  

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P-251  **Effects of vagus nerve stimulation in children with epilepsy**  
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P-252  **Interpretation of intracranial EEG was difficult in a MRI negative case with intractable epilepsy**  
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P-253  **Prognostic factors of developmental outcome in children with dysembryoplastic neuroepithelial tumor.**  

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P-254  **Efficacy of ictal easy Z-score imaging system (eZIS) in identifying epileptogenic foci**  
Shimpei Baba, Kenji Sugai, Eri Takeshita, Yuko Motohashi, Akihiko Ishiyama, Takashi Saito, Hirofumi Komaki, Eiji Nakagawa, Naoki Ikegaya, Takesanobu Kaido, Yu Kaneko, Akio Takahashi, Taisuke Otsuki, Masayuki Sasaki.

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P-255  **Concordance between MRI-identifiable lesion and SISCOM in each seizure type**  
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P-256  **The association between epileptic focus estimated by MEG and cognitive function in ECSWS**  
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P-257  **Current medical care for adult patients with childhood-onset epilepsy at general hospital**  
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P-258  **The management and support to children with seizure in kindergarten and elementary school**  
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P-259  **Sudden unexpected death in epilepsy (SUDEP) in childhood: report of two cases**  
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**P-260 The progress report of European Register of Antiepileptic Drugs and Pregnancy (EURAP) in JAPAN**
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**P-261 A case of nonketotic hyperglycemia whose EEG improved by ketogenic diet**
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**P-262 Three cases of progressive cerebral white matter disorder that ketogenic diet made higher efficacy**
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**P-263 The efficacy and safety of levetiracetam and lamotrigine in child epilepsy**
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**P-264 Has the sequela of status epilepticus been exacerbated by the continuous benzoazepine injection?**
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**P-265 An infantile case of early post traumatic seizures successfully treated with fosphenytoin.**
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**P-266 Efficacy of potassium bromide for intractable epilepsy in childhood**
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**P-267 The effect of ACTH therapy for thyroid function**
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**P-268 Study on drug change from valproic acid in adolescent and adult female patient with epilepsy**
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**P-269 4 cases with secondary amenorrhea after taking valproate**
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**P-270 Two case reports of thrombocytopenic after taking carbamazepine**
Kenji Inoue, Yumi Fujihara, Shigeo Nagai, Sizuka Matuoka, Tomoko Kirino, Shoichi Endo
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P-271  A case of SMA1 who continued the comprehensive support by the multidisciplinary cooperation
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P-272  10-year-old girl Calpainopathy an admission characteristic CT findings
Yusei Bab, Kenji Watanabe, Chihiro Yonee, Hisami Inoue, Shinsuke Maruyama, Nozomi Sano, Kazuyuki Yotsumata
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P-273  A novel SEPN1 mutation in a girl with multiminicore disease
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P-274  Magnetic resonance imaging changes of leg muscles in the assessment of juvenile dermatomyositis
Ikuhiko Shibuya, Akhihiko Ishiyama, Hirohumi Komaki, Eri Takeshita, Yuuko Motohashi, Takashi Saitou, Eiji Nakagawa, Kenji Sugai, Ichizou Nishino, Nasayuki Sasaki
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P-275  Three cases with ICU-acquired weakness in pediatric intensive care unit.
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P-276  A case of annual migration myelitis
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P-277  Intravenous immunoglobulin together with methylprednisolone pulse therapy for brachial plexitis
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P-278  Pediatric autoimmune autonomic ganglionopathy: a case report
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P-279  Two suspected cases with recurrent idiopathic palsy of extra-ocular muscles
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P-280  A case of Charcot-Marie-Tooth Neuropathy X Type 5 with PRPS1 gene mutation
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P-281  Dopa-responsive dystonia simulating cerebral palsy
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P-282  A case of atypical postpump chorea associated with autoimmune antibodies
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P-283  Clinical utility of arterial spin labeled MRI in childhood and adolescence with headache
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P-284  Vestibular evoked myogenic potentials in a patient with multiple sclerosis
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P-285  Persistent abdominal pain and vomiting associated with Autoimmune Autonomic Ganglionopathy
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P-286  Efficacy of bright light therapy for orthostatic dysregulation presenting difficulty in waking up
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P-287  First case report of fever-associated confusional arousal in Japan
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