

Cumulative Contents to Volume 37

Volume content 37 issue no: 1

Editorial

New year's greetings

M. Mizuguchi (Japan)

1

Review Article

Pacemaker in complicated and refractory breath-holding spells: When to think about it?

S. Sartori, M. Nosadini, L. Leoni, L. de Palma, I. Toldo, O. Milanese, A. Cerutti, A. Suppiej (Italy)

2

Original Articles

Manifestation of both emetic seizures and sylvian seizures in the same patients with benign partial epilepsy

H. Yoshinaga, K. Kobayashi, T. Shibata, T. Inoue, M. Oka, T. Akiyama (Japan)

13

Ketogenic diet therapy can improve ACTH-resistant West syndrome in Japan

Y. Hirano, H. Oguni, M. Shiota, A. Nishikawa, M. Osawa (Japan)

18

Efficacy and tolerability of high-dose prednisone in Chinese children with infantile spasms

Z. Yi, H. Wu, X. Yu, Y. Chen, J. Zhong (China)

23

Localization of epileptogenic zones in Lennox–Gastaut syndrome (LGS) using graph theoretical analysis of ictal intracranial EEG: A preliminary investigation

J.-Y. Kim, H.-C. Kang, K. Kim, H.D. Kim, C.-H. Im (South Korea)

29

Clinical spectrum of epileptic spasms in children

Y.-J. Lee, A.T. Berg, D.R. Nordli Jr. (South Korea, USA)

37

Study of epileptic drop attacks in symptomatic epilepsy of early childhood – Differences from those in myoclonic-astatic epilepsy

Y. Itoh, H. Oguni, Y. Hirano, M. Osawa (Japan)

49

Asymmetrical generalized paroxysmal fast activities in children with intractable localization-related epilepsy

M. Mohammadi, T. Okanishi, K. Okanari, S. Baba, H. Sumiyoshi, S. Sakuma, A. Ochi, E. Widjaja, C.Y. Go, O.C. Snead III, H. Otsubo (Canada, Iran)

59

Prognostic significance of failure of the initial antiepileptic drug in children with benign childhood epilepsy with centrotemporal spikes

F. Incecik, S. Altunbasak, O.M. Herguner, G. Mert, D. Sahan (Turkey)

66

Benign neonatal sleep myoclonus: Our experience of 15 Japanese cases

Y. Suzuki, H. Toshikawa, T. Kimizu, S. Kimura, T. Ikeda, Y. Mogami, K. Yanagihara (Japan)

71

Improved prefrontal activity in AD/HD children treated with atomoxetine: A NIRS study

A. Araki, M. Ikegami, A. Okayama, N. Matsumoto, S. Takahashi, H. Azuma, M. Takahashi (Japan)

76

Maternal viral infection during pregnancy impairs development of fetal serotonergic neurons

T. Ohkawara, T. Katsuyama, M. Ida-Eto, N. Narita, M. Narita (Japan)

88

Carnitine in severely disabled patients: Relation to anthropometric, biochemical variables, and nutritional intake

Y. Takeda, M. Kubota, H. Sato, A. Nagai, Y. Higashiyama, H. Kin, C. Kawaguchi, K. Tomiwa (Japan)

94

Correlation of augmented startle reflex with brainstem electrophysiological responses in Tay–Sachs disease

S. Nakamura, Y. Saito, A. Ishiyama, K. Sugai, T. Iso, M. Inagaki, M. Sasaki (Japan)

101

Malonyl-CoA decarboxylase deficiency: Long-term follow-up of a patient new clinical features and novel mutations

P.P. Polinati, L. Valanne, T. Tyni (Finland)

107

Standard values for the urine HVA/VMA ratio in neonates as a screen for Menkes disease

T. Lee, M. Yagi, N. Kusunoki, M. Nagasaka, T. Koda, K. Matsuo, T. Yokota, A. Miwa, A. Shibata, I. Morioka, H. Kodama, Y. Takeshima, K. Iijima (Japan)

114

Neurologic manifestations and complications of pandemic influenza A H1N1 in Malaysian children: What have we learnt from the ordeal?

H.I. Muhammad Ismail, C.M. Teh, Y.L. Lee, and on behalf of National Paediatric H1N1 Study Group (Malaysia)

120

Regional differences in post-traumatic stress symptoms among children after the 2011 tsunami in Higashi-Matsushima, Japan

H. Kuwabara, T. Araki, S. Yamasaki, S. Ando, Y. Kano, K. Kasai (Japan)

130

Case Reports

Hypofibrinogenemia caused by adrenocorticotrophic hormone for infantile spasms: A case report

A. Kamei, N. Araya, M. Akasaka, K. Mizuma, M. Asami, S. Tanifuji, S. Chida (Japan)

137

Successful treatment for West syndrome with severe combined immunodeficiency M. Motobayashi, Y. Inaba, T. Fukuyama, T. Kurata, T. Niimi, S. Saito, N. Shiba, T. Nishimura, T. Shigemura, Y. Nakazawa, N. Kobayashi, K. Sakashita, K. Agematsu, M. Ichikawa, K. Koike (Japan)	140
Anti-myelin oligodendrocyte glycoprotein (MOG) antibodies in a Japanese boy with recurrent optic neuritis R.S. Tsuburaya, N. Miki, K. Tanaka, T. Kageyama, K. Irahara, S. Mukaida, K. Shiraiishi, M. Tanaka (Japan)	145
Aquaporin-4 autoimmunity in a child without optic neuritis and myelitis Y. Numata, M. Uematsu, S. Suzuki, T. Miyabayashi, T. Oyama, S. Kubota, T. Itoh, N. Hino-Fukuyo, T. Takahashi, S. Kure (Japan)	149
Postencephalitic parkinsonism and selective involvement of substantia nigra in childhood I. Rebai, H. Ben Rhouma, I. Kraoua, H. Klaa, A. Rouissi, I. Ben Youssef-Turki, N. Gouider-Khouja (Tunisia)	153
Brain magnetic resonance imaging findings and auditory brainstem response in a child with spastic paraplegia 2 due to a <i>PLP1</i> splice site mutation K. Kubota, Y. Saito, C. Ohba, H. Saito, T. Fukuyama, A. Ishiyama, T. Saito, H. Komaki, E. Nakagawa, K. Sugai, M. Sasaki, N. Matsumoto (Japan)	158
The first Chinese case report of hereditary folate malabsorption with a novel mutation on <i>SLC46A1</i> Q. Wang, X. Li, Y. Ding, Y. Liu, Y. Qin, Y. Yang (China)	163
Severe scoliosis in a patient with severe methylenetetrahydrofolate reductase deficiency T. Munoz, J. Patel, R. Badilla-Porras, J. Kronick, S. Mercimek-Mahmutoglu (Canada)	168
A case of pontine tegmental cap dysplasia with comorbidity of oculoauriculovertebral spectrum P.F. Chong, K. Haraguchi, M. Torio, M. Kirino, R. Ogata, M. Matsukura, Y. Sakai, Y. Ishizaki, T. Yamamoto, R. Kira (Japan)	171
Complex regional pain syndrome in a 15-year-old girl successfully treated with continuous epidural anesthesia Y. Saito, S. Baba, A. Takahashi, D. Sone, N. Akashi, R. Koichihara, A. Ishiyama, T. Saito, H. Komaki, E. Nakagawa, K. Sugai, M. Sasaki, T. Otsuki (Japan)	175

Letter to the Editor

Optic perineuritis: A further case of visual loss and disc edema in children. Intracranial hypertension as alternative hypothesis A. Ranieri, R. De Simone (Italy)	179
---	-----

Announcements and Reports

I

Volume content 37 issue no: 2*Review Article*

Preoperative somatostatin analogs treatment in acromegalic patients with macroadenomas. A meta-analysis L. Zhang, X. Wu, Y. Yan, J. Qian, Y. Lu, C. Luo (China)	181
--	-----

Original Articles

Prognostic factors for acute encephalopathy with bright tree appearance J. Azuma, S. Nabatame, S. Nakano, Y. Iwatani, Y. Kitai, K. Tominaga, K. Kagitani-Shimono, T. Okinaga, T. Yamamoto, T. Nagai, K. Ozono (Japan)	191
Retrospective diagnosis of congenital cytomegalovirus infection in children with autism spectrum disorder but no other major neurologic deficit A. Sakamoto, H. Moriuchi, J. Matsuzaki, K. Motoyama, M. Moriuchi (Japan)	200
Ontogeny of endothelin receptors in the brain, heart, and kidneys of neonatal rats B. Puppala, I. Awana, S. Briyal, O. Mbachu, M. Leonard, A. Gulati (USA)	206
Episodic tremors representing cortical myoclonus are characteristic in Angelman syndrome due to <i>UBE3A</i> mutations M. Goto, Y. Saito, R. Honda, T. Saito, K. Sugai, Y. Matsuda, C. Miyatake, E. Takeshita, A. Ishiyama, H. Komaki, E. Nakagawa, M. Sasaki, C. Uto, K. Kikuchi, T. Motoki, S. Saitoh (Japan)	216
Menkes disease in Korea: <i>ATP7A</i> mutation and epilepsy phenotype J.S. Lee, B.C. Lim, K.J. Kim, Y.S. Hwang, J.-E. Cheon, I.-O. Kim, M.-W. Seong, S.S. Park, J.-H. Chae (South Korea)	223
High-frequency EEG activity in epileptic encephalopathy with suppression-burst Y. Toda, K. Kobayashi, Y. Hayashi, T. Inoue, M. Oka, F. Endo, H. Yoshinaga, Y. Ohtsuka (Japan)	230
Advantageous information provided by magnetoencephalography for patients with neocortical epilepsy T. Ito, H. Otsubo, H. Shiraiishi, K. Yagyu, Y. Takahashi, Y. Ueda, F. Takeuchi, K. Takahashi, S. Nakane, S. Kohsaka, S. Saitoh (Japan, Canada)	237
Effect of CYP2C19 polymorphisms on stiripentol administration in Japanese cases of Dravet syndrome T. Kouga, H. Shimbo, M. Iai, S. Yamashita, A. Ishii, Y. Ihara, S. Hirose, K. Yamakawa, H. Osaka (Japan)	243
Electrical status epilepticus during sleep: A study of 22 patients A. Değerliyurt, D. Yalınzoğlu, E.E. Bakar, M. Topçu, G. Turanlı (Turkey)	250

Case Reports

Hypoxic ischemic encephalopathy in a case of intranuclear rod myopathy without any prenatal sentinel event K. Kawase, I. Nishino, M. Sugimoto, M. Kouwaki, N. Koyama, K. Yokochi (Japan)	265
Downbeat nystagmus as the presenting symptom of infantile neuroaxonal dystrophy: A case report D. Frattini, N. Nardocci, R. Pascarella, C. Panteghini, B. Garavaglia, C. Fusco (Italy)	270

Announcements and reports / Obituary: Dr. Masaya Segawa

I

Volume content 37 issue no: 3*Review Article*

Mutations in α - and β -tubulin encoding genes: Implications in brain malformations R. Romaniello, F. Arrigoni, M.T. Bassi, R. Borgatti (Italy)	273
---	-----

Original Articles

- A de novo *TUBB4A* mutation in a patient with hypomyelination mimicking Pelizaeus–Merzbacher disease
K. Shimojima, A. Okumura, M. Ikeno, A. Nishimura, A. Saito, H. Saitsu, N. Matsumoto, T. Yamamoto (Japan) 281
- First Chinese case of successful pregnancy with combined methylmalonic aciduria and homocystinuria, cblC type
Y. Liu, Q. Wang, X. Li, Y. Ding, J. Song, Y. Yang (China) 286
- New TRPM6 mutation and management of hypomagnesaemia with secondary hypocalcaemia
K. Katayama, N. Povalko, S. Yatsuga, J. Nishioka, T. Kakuma, T. Matsuishi, Y. Koga (Japan) 292
- Characteristics of brain magnetic resonance images at symptom onset in children with moyamoya disease
M.Y. Jung, Y.O. Kim, W. Yoon, S.-P. Joo, Y.J. Woo (Republic of Korea) 299
- Seizure occurrence during pediatric short-term EEG
E. Heyman, E. Lahat, R. Gandelman-Marton (Israel) 307
- First-drug treatment failures in children with typical absence epilepsy
F. Incecik, S. Altunbasak, O.M. Herguner (Turkey) 311
- Predictors of unprovoked seizure after febrile seizure: Short-term outcomes
G. Hwang, H.S. Kang, S.Y. Park, K.H. Han, S.H. Kim (Republic of Korea) 315
- A severity score for acute necrotizing encephalopathy
H. Yamamoto, A. Okumura, J. Natsume, S. Kojima, M. Mizuguchi (Japan) 322
- Targeted temperature management of acute encephalopathy without AST elevation
M. Nishiyama, T. Tanaka, K. Fujita, A. Maruyama, H. Nagase (Japan) 328

Case Reports

- Overlapping MERS and mild AESD caused by HHV-6 infection
M. Hatanaka, M. Kashiwagi, T. Tanabe, H. Nakahara, K. Ohta, H. Tamai (Japan) 334
- Anti-aquaporin 4 antibody-positive acute disseminated encephalomyelitis
A. Okumura, M. Nakazawa, A. Igarashi, S. Abe, M. Ikeno, E. Nakahara, Y. Yamashiro, T. Shimizu, T. Takahashi (Japan) 339
- A case report on reversible Pelger–Huët anomaly depending on serum free fraction of valproic acid
K. Suzuki, A. Hiramoto, T. Okumura (Japan) 344
- Psychomotor development following early treatment of severe infantile vitamin B12 deficiency and West syndrome – Is everything fine? A case report and review of literature
K. Glaser, H.J. Girschick, C. Schropp, C.P. Speer (Germany) 347
- Bilateral agenesis of arcuate fasciculus demonstrated by fiber tractography in congenital bilateral perisylvian syndrome
O. Kilinc, G. Ekinci, E. Demirkol, K. Agan (Turkey) 352
- Gómez–López–Hernández syndrome in a Japanese patient: A case report
Y. Kobayashi, H. Kawashima, S. Magara, N. Akasaka, J. Tohyama (Japan) 356
- A novel missense mutation in *GCHI* gene in a Korean family with Segawa disease
J.-I. Kim, J.K. Choi, J.-W. Lee, J. Kim, C.-S. Ki, J.Y. Hong (South Korea) 359
- Myoclonic axial jerks for diagnosing atypical evolution of ataxia telangiectasia
T. Nakayama, Y. Sato, M. Uematsu, M. Takagi, S. Hasegawa, S. Kumada, A. Kikuchi, N. Hino-Fukuyo, Y. Sasahara, K. Haginoya, S. Kure (Japan) 362

Announcements and reports

I

Acknowledgments to Anonymous Reviewers in 2014

V

Volume content 37 issue no: 4*Editorial*

- 2014: Passing of the guard in International Child Neurology
I. Rapin (USA) 367

Original Articles

- Novel diffusion tensor imaging technique reveals developmental streamline volume changes in the corticospinal tract associated with leg motor control
D.O. Kamson, C. Juhász, H.T. Chugani, J.-W. Jeong (United States) 370
- Intraperitoneal and intravenous deliveries are not comparable in terms of drug efficacy and cell distribution in neonatal mice with hypoxia–ischemia
M. Ohshima, A. Taguchi, H. Tsuda, Y. Sato, K. Yamahara, M. Harada-Shiba, M. Miyazato, T. Ikeda, H. Iida, M. Tsuji (Japan) 376
- Effect of early intervention on premature infants' general movements
L. Ma, B. Yang, L. Meng, B. Wang, C. Zheng, A. Cao (China) 387
- Preterm small-for-gestational age children: Predictive role of gestational age for mental development at the age of 2 years
S.C. Nögel, L. Deiters, M. Stemmler, W. Rascher, R. Trollmann (Germany) 394
- Clinical and mutational spectrum in Korean patients with Rubinstein–Taybi syndrome: The spectrum of brain MRI abnormalities
J.S. Lee, C.K. Byun, H. Kim, B.C. Lim, H. Hwang, J.E. Choi, Y.S. Hwang, M.-W. Seong, S.S. Park, K.J. Kim, J.-H. Chae (Republic of Korea) 402
- EEG activation by neuropsychological tasks in idiopathic generalized epilepsy of adolescence
G. Gelžinienė, M. Endzinienė, G. Jurkevičienė (Lithuania) 409
- Efficacy and safety of fosphenytoin for acute encephalopathy in children
M. Nakazawa, M. Akasaka, T. Hasegawa, T. Suzuki, T. Shima, J. Takanashi, A. Yamamoto, Y. Ishidou, K. Kikuchi, S. Niijima, T. Shimizu, A. Okumura (Japan) 418
- Diffusion-weighted MRI for early diagnosis of neonatal herpes simplex encephalitis
T. Okanishi, H. Yamamoto, T. Hosokawa, N. Ando, Y. Nagayama, Y. Hashimoto, T. Maihara, T. Goto, T. Kubota, C. Kawaguchi, H. Yoshida, K. Sugiura, S. Itomi, K. Ohno, J. Takanashi, M. Hayakawa, H. Otsubo, A. Okumura (Japan, Canada) 423

- The natural course of clinically isolated syndrome in pediatric patients
C.G. Lee, B. Lee, J. Lee, M. Lee (Republic of Korea) 432

Case Reports

- Striatal hemihypoplasia: An early embryonic variant of cerebral hemiatrophy
F. Ueda, H. Aburano, Y. Yoshie, O. Matsui, T. Gabata (Japan) 439
- Seizure recurrence following pyridoxine withdrawal in a patient with pyridoxine-dependent epilepsy
M. Tamaura, H. Shimbo, M. Iai, S. Yamashita, H. Osaka (Japan) 442
- CDKL5 variant in a boy with Infantile Epileptic Encephalopathy: Case report
V.C.-N. Wong, A.K.-Y. Kwong (Hong Kong) 446
- Efficacy of long term weekly ACTH therapy for intractable epilepsy
T. Inui, T. Kobayashi, S. Kobayashi, R. Sato, W. Endo, A. Kikuchi, T. Nakayama, M. Uematsu, M. Takayanagi, M. Kato, H. Saito, N. Matsumoto, S. Kure, K. Haginoya (Japan) 449
- A novel *PLP1* frameshift mutation causing a milder form of Pelizaeus–Merzbacher disease
T. Shiihara, M. Watanabe, K. Moriyama, M. Uematsu, K. Sameshima (Japan) 455
- Ophthalmoplegia in congenital neuromuscular disease with uniform type 1 fiber
O. Sanmaneechai, S. Likasitwattanukul, T. Sangruchi, I. Nishino (Thailand, Japan) 459

Announcements and reports

I

Volume content 37 issue no: 5

Original Articles

- Clinical and genetic features of acute encephalopathy in children taking theophylline
M. Saitoh, M. Shinohara, A. Ishii, Y. Ihara, S. Hirose, M. Shiomi, H. Kawawaki, M. Kubota, T. Yamagata, A. Miyamoto, G. Yamanaka, K. Amemiya, K. Kikuchi, A. Kamei, M. Akasaka, Y. Anzai, M. Mizuguchi (Japan) 463
- Effect of levetiracetam in acute encephalitis with refractory, repetitive partial seizures during acute and chronic phase
R. Ueda, Y. Saito, K. Ohno, K. Maruta, K. Matsunami, Y. Saiki, T. Sokota, S. Sugihara, Y. Nishimura, A. Tamasaki, A. Narita, A. Imamura, Y. Maegaki (Japan) 471
- Early predictors of status epilepticus-associated mortality and morbidity in children
Y. Maegaki, Y. Kurozawa, A. Tamasaki, M. Togawa, A. Tamura, M. Hirao, A. Nagao, T. Kouda, T. Okada, H. Hayashibara, Y. Harada, M. Urushibara, C. Sugiura, H. Sejima, Y. Tanaka, H. Matsuda-Ohtahara, T. Kasai, K. Kishi, S. Kaji, M. Toyoshima, S. Kanzaki, K. Ohno, the Status Epilepticus Study Group (Japan) 478
- Trend figures assist with untrained emergency electroencephalogram interpretation
K. Kobayashi, K. Yunoki, K. Zensho, T. Akiyama, M. Oka, H. Yoshinaga (Japan) 487
- Assessment of sedated pediatric brain with 3D-FLAIR sequence at 3T MRI
U.A. Ozcan, U. Isik, A. Ozpinar, N. Baykan, A. Dincer (Turkey, USA) 495
- Psychometric properties of the parent and teacher forms of the Japanese version of the Strengths and Difficulties Questionnaire
Y. Shibata, K. Okada, R. Fukumoto, K. Nomura (Japan) 501
- Assessment of feeding and swallowing in children: Validity and reliability of the Ability for Basic Feeding and Swallowing Scale for Children (ABFS-C)
A. Kamide, K. Hashimoto, K. Miyamura, M. Honda (Japan) 508
- Microarray analysis of 50 patients reveals the critical chromosomal regions responsible for 1p36 deletion syndrome-related complications
S. Shimada, K. Shimojima, N. Okamoto, N. Sangu, K. Hirasawa, M. Matsuo, M. Ikeuchi, S. Shimakawa, K. Shimizu, S. Mizuno, M. Kubota, M. Adachi, Y. Saito, K. Tomiwa, K. Haginoya, H. Numabe, Y. Kako, A. Hayashi, H. Sakamoto, Y. Hiraki, K. Minami, K. Takemoto, K. Watanabe, K. Miura, T. Chiyonobu, T. Kumada, K. Imai, Y. Maegaki, S. Nagata, K. Kosaki, T. Izumi, T. Nagai, T. Yamamoto (Japan) 515
- Coffin–Siris and Nicolaides–Baraitser syndromes are a common well recognizable cause of intellectual disability
F. Mari, A. Marozza, M.A. Mencarelli, C. Lo Rizzo, C. Fallerini, L. Dosa, C. Di Marco, G. Carignani, M. Baldassarri, P. Cianci, R. Vivarelli, M. Vascotto, S. Grosso, P. Rubegni, C. Caffarelli, E. Pretegianni, M. Fimiani, L. Garavelli, F. Cristofoli, J.R. Vermeesch, R. Nuti, M.T. Dotti, P. Balestri, J. Hayek, A. Selicorni, A. Renieri (Italy, Belgium) 527
- Clinical characteristics of three subtypes of spinal muscular atrophy in children
P. Yuan, L. Jiang (China) 537

Case Reports

- Patient with spinal muscular atrophy with respiratory distress type 1 presenting initially with hypertonia
C. Han, J. Mai, T. Tian, Y. He, J. Liao, F. Wen, X. Yi, Y. Yang (China) 542
- MRS features during encephalopathic crisis period in 11 years old case with GA-1
S. Kurtcan, B. Aksu, A. Alkan, S. Guler, A. Iscan (Turkey) 546

Announcements and reports

I

Volume content 37 issue no: 6

Review Article

- Infantile tauopathies: Hemimegalencephaly; tuberous sclerosis complex; focal cortical dysplasia 2; ganglioglioma
H.B. Sarnat, L. Flores-Sarnat (Canada) 553

Original Articles

- Alterations of proliferation and differentiation of hippocampal cells in prenatally stressed rats
H. Sun, Q. Su, H. Zhang, W. Liu, H. Zhang, D. Ding, Z. Zhu, H. Li (PR China) 563

Poor toddler-age sleep schedules predict school-age behavioral disorders in a longitudinal survey K. Kobayashi, T. Yorifuji, M. Yamakawa, M. Oka, S. Inoue, H. Yoshinaga, H. Doi (Japan)	572
Investigation of basic cognitive predictors of reading and spelling abilities in Tunisian third-grade primary school children S. Batnini, A. Uno (Japan)	579
Diagnosis, treatment and follow-up of patients with tetrahydrobiopterin deficiency in Shandong province, China B. Han, H. Zou, B. Han, W. Zhu, Z. Cao, Y. Liu (China)	592
Electroencephalographic features of patients with SCN1A-positive Dravet syndrome H.-F. Lee, C.-S. Chi, C.-R. Tsai, C.-H. Chen, C.-C. Wang (Taiwan)	599
Prognosis and demographic characteristics of SSPE patients in Istanbul, Turkey S. Guler, M. Kucukkoc, A. Iscan (Turkey)	612
Differential diagnosis of delirious behavior in children with influenza M. Kashiwagi, T. Tanabe, C. Ooba, M. Masuda, S. Shigehara, S. Murata, A. Ashida, A. Shirasu, K. Inoue, K. Okasora, H. Tamai (Japan)	618
Incidence of benign convulsions with mild gastroenteritis after introduction of rotavirus vaccine S.H. Park, Y.O. Kim, H.K. Kim, H.S. Kim, B.Y. Kim, K.R. Cheon, M.J. Kim, S.H. Kim, J.K. Chung, Y.J. Woo (Republic of Korea)	625
<i>Case Reports</i>	
A case of recurrent encephalopathy with <i>SCN2A</i> missense mutation T. Fukasawa, T. Kubota, T. Negoro, M. Saitoh, M. Mizuguchi, Y. Ihara, A. Ishii, S. Hirose (Japan)	631
A unilateral optic perineuritis in a teenager – A case report A. Ameilia, I. Shatriah, W.H. Wan-Hitam, R. Yunus (Malaysia)	635
A Japanese girl with an early-infantile onset vanishing white matter disease resembling Cree leukoencephalopathy K. Takano, Y. Tsuyusaki, M. Sato, M. Takagi, R. Anzai, M. Okuda, M. Iai, S. Yamashita, T. Okabe, N. Aida, Y. Tsurusaki, H. Saitsu, N. Matsumoto, H. Osaka (Japan)	638
Dopa-Responsive Dystonia and gait analysis: A case study of levodopa therapeutic effects R. Rebour, L. Delporte, P. Revol, L. Arsenault, K. Mizuno, E. Broussolle, J. Luauté, Y. Rossetti (France, Japan)	643
<i>Announcements and reports</i>	I

Volume content 37 issue no: 7*Review Articles*

Tourette Syndrome: Update M. Hallett (USA)	651
---	-----

Original Articles

A nationwide survey of opsoclonus–myoclonus syndrome in Japanese children S. Hasegawa, T. Matsushige, M. Kajimoto, H. Inoue, H. Momonaka, M. Oka, S. Ohga, T. Ichiyama, Japanese Society for Pediatric Immune-mediated Brain Diseases (Japan)	656
Resveratrol enhances splicing of insulin receptor exon 11 in myotonic dystrophy type 1 fibroblasts T. Takarada, A. Nishida, A. Takeuchi, T. Lee, Y. Takeshima, M. Matsuo (Japan)	661
Trinucleotide insertion in the <i>SMN2</i> promoter may not be related to the clinical phenotype of SMA N.I.F. Harahap, A. Takeuchi, S. Yusoff, K. Tominaga, T. Okinaga, Y. Kitai, T. Takarada, Y. Kubo, K. Saito, N. Sa'adah, D.K. Nurputra, N. Nishimura, T. Saito, H. Nishio (Japan, Malaysia)	669
Development of a practical <i>NF1</i> genetic testing method through the pilot analysis of five Japanese families with neurofibromatosis type 1 A. Okumura, M. Ozaki, Y. Niida (Japan)	677
Auditory agnosia as a clinical symptom of childhood adrenoleukodystrophy W. Furushima, M. Kaga, M. Nakamura, A. Gunji, M. Inagaki (Japan)	690
Carnitine–acylcarnitine translocase deficiency: Two neonatal cases with common splicing mutation and <i>in vitro</i> bezafibrate response N. Vatanavicharn, K. Yamada, Y. Aoyama, T. Fukao, N. Densupsoontorn, P. Jirapinyo, A. Sathienkijanchai, S. Yamaguchi, P. Wasant (Thailand, Japan)	698
Epileptic spasms and early-onset photosensitive epilepsy in Patau syndrome: An EEG study C. Spagnoli, U. Kugathasan, H. Brittain, S.G. Boyd (UK)	704

Case Reports

Holoprosencephaly with cerebellar vermis hypoplasia in 13q deletion syndrome: Critical region for cerebellar dysgenesis within 13q32.2q34 M. Mimaki, T. Shiihara, M. Watanabe, K. Hirakata, S. Sakazume, A. Ishiguro, K. Shimojima, T. Yamamoto, A. Oka, M. Mizuguchi (Japan)	714
Myocerebrohepatopathy spectrum disorder due to <i>POLG</i> mutations: A clinicopathological report H. Montassir, Y. Maegaki, K. Murayama, T. Yamazaki, M. Kohda, A. Ohtake, H. Iwasa, Y. Yatsuka, Y. Okazaki, C. Sugiura, I. Nagata, M. Toyoshima, Y. Saito, M. Itoh, I. Nishino, K. Ohno (Japan, Egypt)	719
Rub epilepsy in an infant with Turner syndrome S. Magara, H. Kawashima, Y. Kobayashi, N. Akasaka, S. Yamazaki, J. Tohyama (Japan)	725
<i>SCN2A</i> mutation in a Chinese boy with infantile spasm - response to Modified Atkins Diet V.C.N. Wong, C.W. Fung, A.K.Y. Kwong (China)	729
ACTH therapy on intractable epilepsy in Hemiconvulsion–Hemiplegia–Epilepsy syndrome S. Shimakawa, S. Nomura, M. Ogino, M. Fukui, M. Kashiwagi, T. Tanabe, H. Tamai (Japan)	733

Announcements and reports

I

Volume content 37 issue no: 8*Original Articles*

- Alterations of neurotransmitter norepinephrine and gamma-aminobutyric acid correlate with murine behavioral perturbations related to bisphenol A exposure
H. Ogi, K. Itoh, H. Ikegaya, S. Fushiki (Japan) 739
- Cerebral hypoxia–ischemia increases toll-like receptor 2 and 4 expression in the hippocampus of neonatal rats
P. Zhang, G. Cheng, L. Chen, W. Zhou, J. Sun (China) 747
- Serum unbound bilirubin as a predictor for clinical kernicterus in extremely low birth weight infants at a late age in the neonatal intensive care unit
I. Morioka, H. Nakamura, T. Koda, H. Sakai, D. Kurokawa, M. Yonetani, T. Morisawa, Y. Katayama, H. Wada, M. Funato, A. Takatera, A. Okumura, I. Sato, S. Kawano, K. Iijima (Japan) 753
- Cerebellar injury in preterm children with cerebral palsy after intraventricular hemorrhage: Prevalence and relationship to functional outcomes
Y. Kitai, S. Hirai, K. Ohmura, K. Ogura, H. Arai (Japan) 758
- Phase-locked theta activity evoked in patients with severe motor and intellectual disabilities upon hearing own names
K. Tamura, C. Karube, T. Mizuba, M. Matsufuji, S. Takashima, K. Iramina (Japan) 764
- The efficacy of levetiracetam for focal seizures and its blood levels in children
T. Iwasaki, T. Toki, Y. Nonoda, M. Ishii (Japan) 773
- Nationwide survey of glucose transporter-1 deficiency syndrome (GLUT-1DS) in Japan
Y. Ito, S. Takahashi, K. Kagitani-Shimono, J. Natsume, K. Yanagihara, T. Fujii, H. Oguni (Japan) 780
- Carnitine deficiency: Risk factors and incidence in children with epilepsy
M. Fukuda, M. Kawabe, M. Takehara, S. Iwano, K. Kuwabara, C. Kikuchi, H. Wakamoto, T. Morimoto, Y. Suzuki, E. Ishii (Japan) 790
- Identification and functional study of novel *PLP1* mutations in Chinese patients with Pelizaeus–Merzbacher disease
H. Xie, H. Feng, J. Ji, Y. Wu, L. Kou, D. Li, H. Ji, X. Wu, Z. Niu, J. Wang, Y. Jiang (China) 797
- Giant axonal disease: Report of eight cases
F. Incecik, O.M. Herguner, S. Ceylaner, S. Zorludemir, S. Altunbasak (Turkey) 803
- Reduction in peripheral regulatory T cell population in childhood ocular type myasthenia gravis
T. Nishimura, Y. Inaba, Y. Nakazawa, T. Omata, M. Akasaka, I. Shirai, M. Ichikawa (Japan) 808

Case Reports

- Evolution of a symptomatic diffuse developmental venous anomaly with progressive cerebral atrophy in an atypical case of Sturge–Weber syndrome
K. Ohno, Y. Saito, M. Togawa, Y. Shinohara, T. Ito, H. Sugano, S. Itamura, Y. Nishimura, A. Tamasaki, Y. Maegaki (Japan) 817
- Early onset of moyamoya syndrome in a Down syndrome patient with the genetic variant *RNF213* p.R4810K
P.F. Chong, R. Ogata, H. Kobayashi, A. Koizumi, R. Kira (Japan) 822
- A granulocytosis associated with rufinamide: A case report
M. Ide, T. Kato, M. Nakata, K. Saito, T. Yoshida, T. Awaya, T. Heike (Japan) 825
- Human herpesvirus-6 infection-associated acute encephalopathy without skin rash
S. Yamamoto, S. Takahashi, R. Tanaka, A. Okayama, A. Araki, H. Katano, K. Tanaka-Taya, H. Azuma (Japan) 829

JSCN Best Paper Awards

I

Announcements and reports / Obituary: Dr. Jean Aicardi

II

Call for papers

VI

Volume content 37 issue no: 9*Review Article*

- Paroxysmal nonepileptic motor phenomena in newborn
S. Orivoli, C. Facini, F. Pisani (Italy) 833

Original Articles

- Developmental trajectories for attention and working memory in healthy Japanese school-aged children
C. Egami, Y. Yamashita, Y. Tada, C. Anai, A. Mukasa, K. Yuge, S. Nagamitsu, T. Matsuiishi (Japan) 840
- Clinical features and long-term outcome of a group of Japanese children with inflammatory central nervous system disorders and seropositivity to myelin-oligodendrocyte glycoprotein antibodies
N. Hino-Fukuyo, K. Haginoya, I. Nakashima, D.K. Sato, T. Takahashi, T. Misu, K. Fujihara, M. Hirose, Y. Kakisaka, M. Uematsu, T. Kobayashi, S. Kure (Japan) 849
- Relationship between stature and tibial length for children with moderate-to-severe cerebral palsy
K. Kihara, Y. Kawasaki, M. Yagi, S. Takada (Japan) 853
- The neurological outcomes of cerebellar injury in premature infants
S. Kobayashi, K. Wakusawa, T. Inui, S. Tanaka, Y. Kobayashi, A. Onuma, K. Haginoya (Japan) 858
- Efficacy and safety of fosphenytoin for benign convulsions with mild gastroenteritis
M. Nakazawa, S. Toda, S. Abe, M. Ikeno, A. Igarashi, E. Nakahara, S. Yamashita, S. Nijima, T. Shimizu, A. Okumura (Japan) 864
- Predictive value of paroxysmal EEG abnormalities for future epilepsy in focal febrile seizures
P. Gradisnik, B. Zagradisnik, M. Palfy, N. Kokalj-Vokac, N. Marcun-Varda (Slovenia) 868
- Three patients manifesting early infantile epileptic spasms associated with 2q24.3 microduplications
S. Yoshitomi, Y. Takahashi, M. Ishizuka, T. Yamaguchi, A. Watanabe, H. Nasu, Y. Ueda, H. Ohtani, H. Ikeda, K. Imai, H. Shigematsu, Y. Inoue, Y. Tanahashi, K. Aiba, H. Ohta, S. Shimada, T. Yamamoto (Japan) 874
- Founder mutation causes classical Fukuyama congenital muscular dystrophy (FCMD) in Chinese patients
H. Yang, K. Kobayashi, S. Wang, H. Jiao, J. Xiao, T. Toda, X. Wu, H. Xiong (China, Japan) 880

Case Reports

Nemaline myopathy with <i>KLHL40</i> mutation presenting as congenital totally locked-in state K. Kawase, I. Nishino, M. Sugimoto, T. Togawa, T. Sugiura, M. Kouwaki, T. Kibe, N. Koyama, K. Yokochi (Japan)	887
New phenotype and neonatal onset of sodium channel myotonia in a child with a novel mutation of <i>SCN4A</i> gene C. Fusco, D. Frattini, G.G. Salerno, E. Canali, P. Bernasconi, L. Maggi (Italy)	891
Characteristic MRI features of chronic inflammatory demyelinating polyradiculoneuropathy Y. Abe, H. Terashima, H. Hoshino, K. Sassa, T. Sakai, A. Ohtake, M. Kubota, H. Yamanouchi (Japan)	894
Successful control of radicular pain in a pediatric patient with Guillain–Barré syndrome M. Kajimoto, M. Koga, H. Narumi, H. Inoue, T. Matsushige, S. Ohga (Japan)	897
Subacute sclerosing panencephalitis with parkinsonian features in a child: A case report G. Bozlu, M. Cobanogullari Direk, C. Okuyaz (Turkey)	901
Mixed movements disorders as an initial feature of pediatric lupus S. Mrabet, H. Benrhouma, I. Kraoua, A. Naas, N.B. Achour, H. Klaa, I. Turki (Tunisia)	904
<i>ATPIA3</i> mutation in a Chinese girl with alternating hemiplegia of childhood – Potential target of treatment? V.C.N. Wong, A.K.Y. Kwong (China)	907
Somatic mosaicism of a <i>CDKL5</i> mutation identified by next-generation sequencing T. Kato, N. Morisada, H. Nagase, M. Nishiyama, D. Toyoshima, T. Nakagawa, A. Maruyama, X.J. Fu, K. Nozu, H. Wada, S. Takada, K. Iijima (Japan)	911
Surgical treatment for medically refractory focal epilepsy in a patient with fragile X syndrome C. Kenmuir, M. Richardson, G. Ghearing (USA)	916
Late-onset epileptic spasms in a female patient with a <i>CASK</i> mutation T. Nakajiri, K. Kobayashi, N. Okamoto, M. Oka, F. Miya, K. Kosaki, H. Yoshinaga (Japan)	919

Announcements and reports

I

Call for papers

V

Volume content 37 issue no: 10*Original Articles*

Simultaneous measurement of cerebral hemoglobin oxygen saturation and blood volume in asphyxiated neonates by near-infrared time-resolved spectroscopy S. Nakamura, K. Koyano, W. Jinnai, S. Hamano, S. Yasuda, Y. Konishi, T. Kuboi, K. Kanenishi, T. Nishida, T. Kusaka (Japan)	925
Verification of the reliability and validity of a Japanese version of the Quality of Life in Childhood Epilepsy Questionnaire (QOLCE-J) E. Moriguchi, M. Ito, T. Nagai (Japan)	933
Childhood CIDP: Study of 31 patients and comparison between slow and rapid-onset groups S. Cabasson, M. Tardieu, A. Meunier, M.-F. Rouanet-Larriviere, C. Boulay, J.-M. Pedespan (France)	943
Five Chinese patients with 5-oxoprolinuria due to glutathione synthetase and 5-oxoprolinase deficiencies X. Li, Y. Ding, Y. Liu, Y. Ma, J. Song, Q. Wang, Y. Yang (China)	952
Mutations in the genes encoding eukaryotic translation initiation factor 2B in Japanese patients with vanishing white matter disease S. Shimada, K. Shimojima, N. Sangu, A. Hoshino, Y. Hachiya, T. Ohto, Y. Hashi, K. Nishida, M. Mitani, S. Kinjo, Y. Tsurusaki, N. Matsumoto, M. Morimoto, T. Yamamoto (Japan)	960
Age-related changes of susceptibility-weighted imaging in subependymal nodules of neonates and children with tuberous sclerosis complex T. Niwa, N. Aida, Y. Fujii, K. Nozawa, Y. Imai (Japan)	967

Case Reports

Hereditary Hemorrhagic Telangiectasia presenting as migraine: A case report C. Facini, E. Pavlidis, E.C. Turco, F. Pisani (Italy)	974
Epilepsy phenotypes in siblings with Norrie disease A. Okumura, E. Arai, Y. Kitamura, S. Abe, M. Ikeno, T. Fujimaki, T. Yamamoto, T. Shimizu (Japan)	978
Acute abdominal pain as the only symptom of a thoracic demyelinating lesion in multiple sclerosis S. Nomura, S. Shimakawa, M. Kashiwagi, T. Tanabe, M. Fukui, H. Tamai (Japan)	983

Letter to the Editor

Comment on “Delayed myelination is not a constant feature of Allan–Herndon–Dudley syndrome: Report of a new case and review of the literature” by Azzolini S et al. <i>Brain & Development</i> 2014;36:716–720 T. Yamamoto, J. Takanashi, K. Kurosawa, K. Deguchi, H. Osaka, K. Inoue (Japan)	988
--	-----

Cumulative Contents to Volume 37

I

Author Index to Volume 37

VIII

Subject Index to Volume 37

XXI

Announcements and reports

XXVII

Call for papers

XXXI

Guide for Authors

XXXII