

Cumulative Contents to Volume 27

Vol. 27, No. 1

Editorial

Editor-in-Chief's Address

Y. Suzuki M.D. (Japan)

1

Founders of child neurology in Japan—Kihei Maekawa

K. Maekawa, K. Aso, K. Nihei (Japan)

3

Review article

Development of mental health dysfunction in childhood epilepsy

M. Noeker, A. Haverkamp-Krois, F. Haverkamp (Germany)

5

Original articles

Possible antenatal and perinatal related factors in development of cystic periventricular leukomalacia

Y. Murata, A. Itakura, K. Matsuzawa, A. Okumura, K. Wakai, S. Mizutani (Japan)

17

Abnormal primary somatosensory function in unilateral polymicrogyria: an MEG study

M. Ishitobi, N. Nakasato, T. Yoshimoto, K. Iinuma (Japan)

22

Transient decrease in cerebral white matter diffusivity on MR imaging in human herpes virus-6 encephalopathy

M. Akasaka, M. Sasaki, S. Ehara, A. Kamei, S. Chida (Japan)

30

Oxidative nucleotide damage and superoxide dismutase expression in the brains of xeroderma pigmentosum group A and Cockayne syndrome

M. Hayashi, S. Araki, J. Kohyama, K. Shioda, R. Fukatsu (Japan)

34

Clinical onset and prognosis of Asian children with organic acidemias, as detected by analysis of urinary organic acids using GC/MS, instead of mass screening

D. Hori, Y. Hasegawa, M. Kimura, Y. Yang, I.C. Verma, S. Yamaguchi (Japan, China, India)

39

Dipole analysis in panayiotopoulos syndrome

H. Yoshinaga, M. Koutroumanidis, A. Shirasawa, K. Kikumoto, Y. Ohtsuka, E. Oka (Japan, UK)

46

Case reports

Congenital bilateral perisylvian syndrome with partial epilepsy. Case report with long-term follow-up

M. Lucia, P. Anna, V. Patrizia, B. Maura, A. Cosma, P. Tommaso (Italy)

53

Brain stem glioblastoma with multiple large cyst formation and leptomeningeal dissemination in a 4-year-old girl

R. Kanai, M. Tasaka, H. Sejima, N. Uchida, A. Nakano, Y. Akiyama, T. Yamasaki, S. Yamaguchi (Japan)

58

Long-term follow-up of an adolescent who had bilateral striatal necrosis secondary to *Mycoplasma pneumoniae* infection

C. Termine, C. Uggetti, P. Veggiani, U. Balottin, G. Rossi, M.G. Egitto, G. Lanzi (Italy)

62

Symmetrical thalamic calcifications in a monozygotic twin: case report and literature review

B. Buldini, P. Drigo, L.D. Via, M. Calderone, A.M. Laverda (Italy)

66

Pathological study of bronchospasms/tracheomalacia in patients with severe motor and intellectual disabilities

E. Ohtsuka, M. Hayashi, K. Hamano, S. Kumada, A. Uchiyama, K. Kurata, M. Osawa (Japan)

70

Non-progressive leukoencephalopathy with bilateral anterior temporal cysts: a case report and review of the literature

S. Grosso, A. Cerase, N. De Stefano, L.D. Marco, P. Galluzzi, D. Galimberti, G. Morgese, P. Balestri (Italy)

73

Letter to the Editor

'Benign convulsions with mild gastroenteritis'—a worldwide clinical entity

N. Uemura, A. Okumura (Japan)

78

Announcements and reports

I

Notes to authors

II

Vol. 27, No. 2**Special Issue: Chromosomal Aberration and Epileptic Syndrome, Part 1***Preface*

Y. Fukuyama, M. Osawa, S. Ohtahara, K. Watanabe (Japan)

79

Review article

Angelman syndrome: is there a characteristic EEG?

L.A.E.M. Laan, A.A. Vein (The Netherlands)

80

Original articles

Neurological aspects of the Angelman syndrome

C.A. Williams (USA)

88

Relationship between severity of epilepsy and developmental outcome in Angelman syndrome

Y. Ohtsuka, K. Kobayashi, H. Yoshinaga, T. Ogino, I. Ohmori, K. Ogawa, E. Oka (Japan)

95

Electroclinical characteristics of seizures—comparing Prader-Willi syndrome with Angelman syndrome

P.-J. Wang, J.-W. Hou, W.-C. Sue, W.-T. Lee (Taiwan)

101

The movement disorders of Coffin-Lowry syndrome

J.B.P. Stephenson, M.C. Hoffman, A.J.C. Russell, J. Falconer, R.C. Beach, J.L. Tolmie, R.C. McWilliam, S.M. Zuberi (UK, USA)

108

RSK2 gene mutations in Coffin-Lowry syndrome with drop episodes

M. Nakamura, T. Yamagata, M. Mori, M.Y. Momoi (Japan)

114

Electro-clinical phenotypes of chromosome disorders associated with epilepsy in the absence of dysmorphism

S. Macleod, A. Mallik, J.L. Tolmie, J.B.P. Stephenson, M.E. O'Regan, S.M. Zuberi (UK)

118

Autonomic seizures in 18q- syndrome

J.B.P. Stephenson (UK)

125

Multi-institutional study on the correlation between chromosomal abnormalities and epilepsy

T. Kumada, M. Ito, T. Miyajima, T. Fujii, T. Okuno, T. Go, H. Hattori, M. Yoshioka, K. Kobayashi, O. Kanazawa, J. Tohyama, N. Akasaka,

127

T. Kamimura, M. Sasagawa, H. Amagane, K. Mutoh, Y. Yamori, T. Kanda, N. Yoshida, H. Hirota, R. Tanaka, Y. Hamada (Japan)

Profile of West syndrome in North Indian children

P. Singhi, M. Ray (India)

135

Program for Chinese children with developmental disabilities—the Hong Kong model

C.-W. Fung, V. Wong (China)

141

Sequential 3-D MRI frontal volume changes in subacute sclerosing panencephalitis

H. Kanemura, M. Aihara, T. Okubo, S. Nakazawa (Japan)

148

Case reports

Hereditary neuropathy with liability to pressure palsies in childhood: report of a case and a brief review

K. Ichikawa, A. Nezu (Japan)

152

Acute onset of abducens nerve palsy in a child with prior history of otitis media: a misleading sign of Gradenigo syndrome

G. Villa, M. Lattore, A. Rossi, P. Di Pietro (Italy)

155

An infant with idiopathic orbital myositis poorly responsive to steroid therapy: a case report

H. Hattori, S. Ohnishi, Y. Nakagawa, M. Ikemiya, K. Yamato, O. Matsuoka, T. Yokoyama, T. Yamano (Japan)

160

Meetings and Reports

I

Notes to authors

II

Acknowledgments to Anonymous Reviewers in 2004

III

Vol. 27, No. 3**Includes Special Section: Eponyms in Child Neurology***Preface*

From eponyms to acronyms

A. Arzimanoglou, Y. Fukuyama (Japan)

163

Review articles

Aicardi syndrome

J. Aicardi (France)

164

Benign familial infantile seizures

F. Vigevano (Italy)

172

Epilepsy with Myoclonic absences

M. Bureau, C.A. Tassinari (France, Italy)

178

Paroxysmal tonic upgaze of childhood—a review R. Ouvrier, F. Billson (Australia)	185
Coeliac disease, epilepsy and cerebral calcifications G. Gobbi (Italy)	189
Aicardi–Goutières syndrome F. Goutières	201
<i>Original articles</i>	
Absence of causative mutations and presence of autism-related allele in <i>FOXP2</i> in Japanese autistic patients H. Li, T. Yamagata, M. Mori, M.Y. Momoi (Japan)	207
Methyl-CpG binding protein 2 gene (<i>MECP2</i>) variations in Japanese patients with Rett syndrome: pathological mutations and polymorphisms T. Fukuda, Y. Yamashita, S. Nagamitsu, K. Miyamoto, J.-J. Jin, I. Ohmori, Y. Ohtsuka, K. Kuwajima, S. Endo, T. Iwai, H. Yamagata, Y. Tabara, T. Miki, T. Matsuishi, I. Kondo (Japan)	211
Benign myoclonic epilepsy in infancy: neuropsychological and behavioural outcome S. Mangano, A. Fontana, L. Cusumano (Italy)	218
Clinical course and prognosis of 27 patients with childhood onset multiple sclerosis in Japan K. Shiraishi, Y. Higuchi, K. Ozawa, Q. Hao, T. Saida (Japan)	224
Clinical experience with Topiramate to counteract neuroleptic induced weight gain in 10 individuals with autistic spectrum disorders R. Canitano (Italy)	228
Computerized version of the Wisconsin card sorting test in children with high-functioning autistic disorder or attention-deficit/hyperactivity disorder E. Tsuchiya, J. Oki, N. Yahara, K. Fujieda (Japan)	233
<i>Case report</i>	
Pachygyria in a girl with microcephalic osteodysplastic primordial short stature type II H. Ozawa, C. Takayama, A. Nishida, T. Nagai, G. Nishimura, M. Higurashi (Japan)	237
<i>Meetings and Reports</i>	
<i>Notes to authors</i>	I
<i>II</i>	II

Vol. 27, No. 4

<i>Special article</i>	
International child neurology association: current role and future perspectives P. Curatolo (Italy)	241
<i>Review article</i>	
Down syndrome, Alzheimer's disease and seizures M. Menéndez (Spain)	246
<i>Original articles</i>	
Evaluating cognitive functions with visual and auditory number assays and P300 in children with epilepsy N. Çelebisoy, A. Kisabay, F. Gökçay, A. Gökçay (Turkey)	253
Persistent neocortical astrogliosis in adult wistar rats following prenatal ethanol exposure F.A. Fakoya (Nigeria)	259
X chromosome inactivation patterns in brain in Rett syndrome: implications for the disease phenotype J.H. Gibson, S.L. Williamson, S. Arbuckle, J. Christodoulou (Australia)	266
Delirious behavior in children with influenza: its clinical features and EEG findings A. Okumura, T. Nakano, Y. Fukumoto, K. Higuchi, H. Kamiya, K. Watanabe, T. Morishima (Japan)	271
Modification of AMPA receptor properties following environmental enrichment F. Naka, N. Narita, N. Okado, M. Narita (Japan)	275
Regional cerebral blood flow in children with ADHD: changes with age Ö. Öner, P. Öner, A. Aysev, Ö. Küçük, E. İbis (Turkey)	279
Zonisamide for West syndrome: a comparison of clinical responses among different titration rate S. Yanagaki, H. Oguni, K. Yoshii, K. Hayashi, K. Imai, M. Funatsuka, M. Osawa (Japan)	286
Brain magnetic resonance image changes in a family with congenital and classic myotonic dystrophy H.-C. Kuo, K.-M. Hsiao, C.-J. Chen, Y.-C. Hsieh, C.-C. Huang (Taiwan)	291
<i>Case reports</i>	
The effects of copper-histidine therapy on brain metabolism in a patient with Menkes disease: a proton magnetic resonance spectroscopic study M. Munakata, O. Sakamoto, T. Kitamura, M. Ishitobi, H. Yokoyama, K. Haginoya, N. Togashi, H. Tamura, S. Higano, S. Takahashi, T. Ohura, Y. Kobayashi, A. Onuma, K. Iinuma (Japan)	297
Long-term follow-up of a patient with subacute sclerosing panencephalitis successfully treated with intrathecal interferon alpha M. Miyazaki, M. Nishimura, Y. Toda, T. Saijo, K. Mori, Y. Kuroda (Japan)	301
Postinfectious immune-mediated encephalitis after pediatric herpes simplex encephalitis X. De Tièye, C. De Laet, N. Mazoin, C. Christophe, L.D. Mewasingh, C. Wetzburger, B. Dan (Belgium)	304

Merosin-negative congenital muscular dystrophy: magnetic resonance spectroscopy findings M. Aslan, A. Alkan, C. Yakinci, E. Sonmezgoz, U. Bicak, S. Zorludemir (Turkey)	308
Clinical presentation, EEG studies, and novel mutations in two cases of GLUT1 deficiency syndrome in Japan Y. Ito, E. Gertsen, H. Oguni, T. Nakayama, M. Matsuo, M. Funatsuka, T. Voit, J. Klepper, M. Osawa (Japan, Germany)	311

Erratum

Erratum to "Congenital bilateral perisylvian syndrome with partial epilepsy. Case report with long-term follow-up" [Brain and Development 27(1): 53–57]
L. Margari, A. Presicci, P. Ventura, M. Buttiglione, C. Andreula, T. Perniola (Italy)

318

Meetings and Reports

I

Notes to authors

II

Vol. 27, No. 5*Regular Section**Editorials*

Good bye, Friends of Brain & Development

319

Y. Suzuki (Japan)

Greetings from the new Editor-in-Chief

320

M. Kaga (Japan)

Original articles

Mutation analysis of methyl-CpG binding protein family genes in autistic patients

321

H. Li, T. Yamagata, M. Mori, A. Yasuhara, M.Y. Momoi (Japan)

Comparison of two low dose ACTH therapies for West syndrome: their efficacy and side effect

326

Y. Kondo, A. Okumura, K. Watanabe, T. Negoro, T. Kato, T. Kubota, K. Hiroko (Japan)

Histone modifications in Rett syndrome lymphocytes: a preliminary evaluation

331

W.E. Kaufmann, M.H. Jarrar, J.S. Wang, Y.-J.M. Lee, S. Reddy, G. Bibat, S. Naidu (USA)

Differences between attention-deficit disorder with and without hyperactivity: a ¹H-magnetic resonance spectroscopy study

340

L. Sun, Z. Jin, Y.-f. Zeng, G. Liu, Y. Li, L.J. Seidman, S.V. Faraone, Y.-f. Wang (People's Republic of China, USA)

Symptoms related to ADHD observed in patients with pervasive developmental disorder

345

T. Ogino, J. Hattori, K. Abiru, K. Nakano, E. Oka, Y. Ohtsuka (Japan)

Tourette syndrome and chronic tics in a sample of children and adolescents

349

L. Saccmani, V. Fabiana, B. Manuela, R. Giambattista (Italy)

Natural history of X-linked adrenoleukodystrophy in Japan

353

Y. Suzuki, Y. Takemoto, N. Shimozawa, T. Imanaka, S. Kato, H. Furuya, M. Kaga, K. Kato, N. Hashimoto, O. Onodera, S. Tsuji (Japan)

*Special Section**Review articles*

Del 1p36 syndrome: a newly emerging clinical entity

358

A. Battaglia (Italy)

Seizure and EEG patterns in Wolf-Hirschhorn (4p-) syndrome

362

A. Battaglia, J.C. Carey (Italy, USA)

The inv dup(15) or idic(15) syndrome: A clinically recognisable neurogenetic disorder

365

A. Battaglia (Italy)

Original articles

An analysis of epilepsy with chromosomal abnormalities

370

H. Yamanouchi, G. Imataka, E. Nakagawa, A. Nitta, N. Suzuki, J.-i. Hirano, H. Suzumura, H. Watanabe, O. Arisaka, M. Eguchi (Japan)

Epilepsy and neurological findings in 11 individuals with 1p36 deletion syndrome

378

K. Kurosawa, H. Kawame, N. Okamoto, Y. Ochiai, A. Akatsuka, M. Kobayashi, M. Shimohira, S. Mizuno, K. Wada, Y. Fukushima, H. Kawawaki,

T. Yamamoto, M. Masuno, K. Imaizumi, Y. Kuroki (Japan)

Evolution of seizures and electroencephalographical findings in 23 cases of deletion type Angelman syndrome

383

N. Uemura, A. Matsumoto, M. Nakamura, K. Watanabe, T. Negoro, T. Kumagai, K. Miura, T. Ohki, S. Mizuno, A. Okumura, K. Aso, F. Hayakawa,

Y. Kondo (Japan)

Uniparental disomy and imprinting defects in Japanese patients with Angelman syndrome

389

S. Saitoh, T. Wada, M. Okajima, K. Takano, A. Sudo, N. Niikawa (Japan)

Meeting report

The 20th Annual Meeting on Pediatric Neuromuscular Diseases

392

K. Kumagai (Japan)

Announcements and Reports

I

Notes to authors

II

Vol. 27, No. 6*Original articles*

Acute respiratory distress syndrome in children with severe motor and intellectual disabilities H. Yoshikawa, S. Yamazaki, T. Abe (Japan)	395
A novel approach to identify Duchenne muscular dystrophy patients for aminoglycoside antibiotics therapy S. Kimura, K. Ito, T. Miyagi, T. Hiranuma, K. Yoshioka, S. Ozasa, M. Matsukura, M. Ikezawa, M. Matsuo, Y. Takeshima, T. Miike (Japan)	400
Assessment of local changes of cerebral perfusion and blood concentration by near infrared spectroscopy and ultrasound contrast densitometry J.H. Klaessens, J.C. Hopman, M.C. van Wijk, K.D. Liem, J.M. Thijssen (The Netherlands)	406
Coagulation system activated in Duchenne muscular dystrophy patients with cardiac dysfunction T. Saito, Y. Yamamoto, T. Matsumura, S. Nozaki, H. Fujimura, S. Shinno (Japan)	415
Lateralization of the frontal lobe functions elicited by a cognitive bias task is a fundamental process. Lesion study K. Aoyagi, M. Aihara, E. Goldberg, S. Nakazawa (Japan, USA)	419
A missense mutation in SCN1A in brothers with severe myoclonic epilepsy in infancy (SMEI) inherited from a father with febrile seizures K. Kimura, T. Sugawara, E. Mazaki-Miyazaki, K. Hoshino, Y. Nomura, A. Tateno, K. Hachimori, K. Yamakawa, M. Segawa (Japan)	424

Case reports

Immunoabsorption therapy for a child with Guillain-Barre syndrome subsequent to Mycoplasma infection: a case study H. Arakawa, Y. Yuhara, M. Todokoro, M. Kato, H. Mochizuki, K. Tokuyama, F. Kunimoto, A. Morikawa (Japan)	431
Increased cytokine levels in a cerebral mycotic aneurysm in a child with Down's syndrome H. Ozawa, M. Toba, M. Nakamoto, S. Noma, T. Ichiyama, H. Takahashi (Japan)	434
Buspirone in Rett syndrome respiratory dysfunction D.K. Andaku, M.T. Mercadante, J.S. Schwartzman (Brazil)	437
Classic Rett syndrome in a boy with R133C mutation of <i>MECP2</i> T. Masuyama, M. Matsuo, J.J. Jing, Y. Tabara, K. Kitsuki, H. Yamagata, Y. Kan, T. Miki, K. Ishii, I. Kondo (Japan)	439
Brown-Vialetto–Van Laere syndrome; variability in age at onset and disease progression highlighting the phenotypic overlap with Fazio-Londe disease S. Dipti, A.-M. Childs, J.H. Livingston, A.K. Aggarwal, M. Miller, C. Williams, Y.J. Crow (UK)	443
Severe gastrointestinal dysmotility in a patient with congenital myopathy: causal relationship to decrease of interstitial cells of Cajal M. Kubota, E. Kanda, K. Ida, Y. Sakakihara, M. Hayashi (Japan)	447
Prenatal stroke in a neonate heterozygous for factor V Leiden mutation A. Verdu, M.R. Cazorla, J.C. Moreno, L.F. Casado (Spain)	451
Reverse Shapiro's syndrome—an unusual cause of fever of unknown origin K.-L. Lin, H.-S. Wang (Taiwan, ROC)	455
Longitudinal MR findings in a patient with hemimegalencephaly associated with tuberous sclerosis H. Sakuma, O. Iwata, M. Sasaki (Japan)	458

Book review

Infections of the central nervous system, third edition G.G. Gascon (Saudi Arabia)	462
---	-----

Corrigendum

Corrigendum to "From eponyms to acronyms" [Brain and Development 27(3):163] A. Arzimanoglou, Y. Fukuyama (France, Japan)	464
---	-----

Announcements and Reports

I

Notes to authors

II

Vol. 27, No. 7*Review article*

Is the brain hormonally imprintable? G. Csaba, K. Tekes (Hungary)	465
--	-----

Original articles

Maternal ethanol administration inhibits 5-hydroxytryptamine synthesis and tryptophan hydroxylase expression in the dorsal raphe of rat offspring E.-K. Kim, M.-H. Lee, H. Kim, Y.-J. Sim, M.-S. Shin, S.-J. Lee, H.-Y. Yang, H.-K. Chang, T.-H. Lee, M.-H. Jang, M.-C. Shin, H.-H. Lee, C.-J. Kim (South Korea)	472
Laboratory characteristics of acute encephalopathy with multiple organ dysfunctions H. Morita, M. Hosoya, A. Kato, Y. Kawasaki, H. Suzuki (Japan)	477
Umbilical vein interleukin-6 levels in very low birth weight infants developing intraventricular hemorrhage R. Kassal, M. Anwar, F. Kashlan, J. Smulian, M. Hiatt, T. Hegyi (USA)	483

Intraperitoneal administration of phosphorothioate antisense oligodeoxynucleotide against splicing enhancer sequence induced exon skipping in dystrophin mRNA expressed in <i>mdx</i> skeletal muscle Y. Takeshima, M. Yagi, H. Wada, M. Matsuo (Japan)	488
Effect of Turner's syndrome and X-linked imprinting on cognitive status: analysis based on pedigree data D.Z. Loesch, Q.M. Bui, W. Kelso, R.M. Huggins, H. Slater, G. Warne, P. Bergman, C. Rodda, R.J. Mitchell, M. Prior (Australia)	494
Prognosis of Bell's palsy in children—analysis of 29 cases W.X. Chen, V. Wong (China)	504
Reduced cardiac parasympathetic activity in children with autism X. Ming, P.O.O. Julu, M. Brimacombe, S. Connor, M.L. Daniels (USA, UK)	509
Prolonged hypothermia protects neonatal rat brain against hypoxic-ischemia by reducing both apoptosis and necrosis A. Ohmura, W. Nakajima, A. Ishida, N. Yasuoka, M. Kawamura, S. Miura, G. Takada (Japan)	517
<i>Case reports</i>	
Infantile bilateral striatal necrosis associated with human herpes virus-6 (HHV-6) infection A. Murakami, M. Morimoto, S. Adachi, Y. Ishimaru, T. Sugimoto (Japan)	527
A case of acute encephalitis with refractory, repetitive partial seizures, presenting autoantibody to glutamate receptor Glu ϵ 2 H. Ito, K. Mori, Y. Toda, M. Sugimoto, Y. Takahashi, Y. Kuroda (Japan)	531
A pediatric case of critical illness polyneuropathy: clinical and pathological findings T. Ohto, N. Iwasaki, N. Ohkoshi, T. Aoki, M. Ichinohe, R. Tanaka, N. Moriyama, A. Ieshima, K. Kuwajima, A. Matsui (Japan)	535
<i>Book review</i>	
Neuropathology of Focal Epilepsies: An Atlas S. Fushiki (Japan)	539
<i>Erratum</i>	
Erratum to "An analysis of epilepsy with chromosomal abnormalities" [Brain Dev. 27 (2005) 370–377] H. Yamanouchi, G. Imataka, E. Nakagawa, A. Nitta, N. Suzuki, J.-i. Hirao, H. Suzumura, H. Watanabe, O. Arisaka, M. Eguchi (Japan)	540
<i>Announcements and Reports</i>	
	I
<i>Notes to authors</i>	
	II
Vol. 27, No. 8	
<i>Editorial</i>	
The neurology of attention deficit/hyperactivity disorder P. Curatolo (Italy)	541
<i>Original articles</i>	
Functional MRI in attention-deficit hyperactivity disorder: Evidence for hypofrontality Y.-F. Zang, Z. Jin, X.-C. Weng, L. Zhang, Y.-W. Zeng, L. Yang, Y.-F. Wang, L.J. Seidman, S.V. Faraone (China, USA)	544
Apolipoprotein E genotype analysis in Chinese Han ethnic children with Wilson's disease, with a concentration on those homozygous for R778L Y.-H. Gu, H. Kodama, S.-L. Du (Japan, China)	551
Low-dose carbamazepine therapy for benign infantile convulsions H. Matsufuji, T. Ichiyama, H. Isumi, S. Furukawa (Japan)	554
Synchronous occurrence of EEG bursts and heart rate acceleration in preterm infants K. Pfurtscheller, G.R. Müller-Putz, B. Urlesberger, J. Dax, W. Müller, G. Pfurtscheller (Austria)	558
The Rey-Osterrieth Complex Figure as a measure of executive function in childhood K. Watanabe, T. Ogino, K. Nakano, J. Hattori, Y. Kado, S. Sanada, Y. Ohtsuka (Japan)	564
L-carnitine protects against glutamate- and kainic acid-induced neurotoxicity in cerebellar granular cell culture of rats A. Tastekin, A. Gepdiremen, R. Ors, M.E. Buyukokuroglu, Z. Halici (Turkey)	570
Autonomic dysfunction in cases of spinal muscular atrophy type 1 with long survival Y. Hachiya, H. Arai, M. Hayashi, S. Kumada, W. Furushima, E. Ohtsuka, Y. Ito, A. Uchiyama, K. Kurata (Japan)	574
Voluntary control of saccadic and smooth-pursuit eye movements in children with learning disorders J. Fukushima, S. Tanaka, J.D. Williams, K. Fukushima (Japan)	579
<i>Case reports</i>	
Early onset distal muscular dystrophy with normal dysferlin expression N. Murakami, R. Sakuta, E. Takahashi, Y. Katada, T. Nagai, M. Owada, I. Nishino, I. Nonaka (Japan)	589
Vitamin B ₁₂ deficiency in infancy as a cause of developmental regression E.B. Casella, M. Valente, J.M. de Navarro, F. Kok (Brazil)	592
Serial MR imaging and ¹ H-MR spectroscopy of unidentified bright objects in a case of neurofibromatosis type 1 A. Imamura, N. Matsuo, M. Okuda, H. Morita, M. Iwata, Y. Yamazaki, Y. Takahashi (Japan)	595
Laryngeal dystonia in xeroderma pigmentosum A. Muto, A. Matsui, Y. Saito, H. Iwamoto, K. Kaneko, K. Masuko, Y. Chikumaru, K. Saito, S. Kimura (Japan)	598

Letters to the Editor

Dystonia and multiple sclerosis

B. Anlar (Turkey) 602

Reply to 'Dystonia and Multiple Sclerosis'

K. Shiraishi (Japan) 602

Cumulative Contents to Volume 27

603

Author Index to Volume 27

610

Subject Index to Volume 27

617

Announcements and Reports

I

Notes to authors

II