

PROGRAM: The 44th Annual Meeting of JSPN

23rd
June — Hall A (Main Convention Hall)
▼ 8 : 55
Opening Address President Akira Matsumura

▼ 9 : 00 — 9 : 50


English presentation



Simultaneous interpretation

Symposium 1 Treatment for spinal re-tethering

Chairs Hiroaki Date Kiminomori Rehabilitation Hospital

Nobuhito Morota Metropolitan Tokyo Children's Medical Center

S1-01 Diagnosis and treatment for re-tethered cord syndrome in spinal lipoma surgery

Toshiaki Hayashi Sendai City Hospital

S1-02 Tetherd cord syndrome in patients with postrepair myelomeningocele

Natsuki Kobayashi National Center for Child Health and Development

S1-03 Surgical strategy for terminal syringomyelia

Young Soo Park Nara Medical University

S1-04 Outcome of Untethering Procedures for Myelomeningocele or Spinal Lipoma with Retethered Cord Syndrome in Elderly Patients

Daisuke Sakamoto Takatsuki General Hospital

S1-05 Evaluation of the motion of the tension filum terminale with/without fatty tissue using pre/postoperative 3D cine MRI (4D MRI)

Toshio Matsubara Mie University

▼ 9 : 55 — 11 : 30

Symposium 2 Treatment for craniovertebral junction


Chairs Takayuki Inagaki Ibaraki Children's Hospital

Reizo Shirane Miyagi Children's Hospital

S2- Keynote

Surgery for Craniovertebral junction

Douglas Brockmeyer University of Utah/ Primary Children's Medical Center

S2-01 Pedidatric craniovertebral junction surgery: lessons learnt from 101 children

Nobuhito Morota Metropolitan Tokyo Children's Medical Center

S2-02 Craniocervical junction abnormalities in skeletal dysplasia: experience of a single institute

Ryo Ando Chiba Children's Hospital

S2-03 Surgical treatment for cervicomedullary compression among infants with achondroplasia

Atsushi Okano National Center for Child Health and Development

S2-04 Long-term result after decompression for foramen magnum stenosis in achondroplasia

Yasuhiro Matsusaka Osaka City General Hospital

S2-05 Selective expansive duraplasty and long-term outcome of Chiari malformations

Masahiro Nonaka Kansai Medical University

S2-06 Long-term morphological change of Chiari malformation type II: difference between the cases with and without hydrocephalus

Kimiaki Hashiguchi Kyushu University

▼ 11 : 30 – 12 : 20

KSPN-JSPN Joint Symposium 1 Cerebrovascular disease



Chairs **Kyu-Chang Wang** Seoul National University College of Medicine
Mami Yamasaki Takatsuki General Hospital

JS1-01 Endoarterial treatment for cerebral AVF associated with CM-AVM syndrome

Yasunari Niimi St. Luke's International Hospital

JS1-02 Posterior cerebral artery stenosis and posterior revascularization surgery in pediatric patients with moyamoya disease

Tomomi Kimiwada Miyagi Children's Hospital

JS1-03 Clinical importance of delayed posterior cerebral artery involvement in moyamoya disease: Focus on presentation and diagnosis

Ji Yeoun Lee Seoul National University Children's Hospital, Seoul National University College of Medicine

JS1-04 Characteristics and treatment strategy for young patients with moyamoya disease

Toshiaki Hayashi Sendai City Hospital

JS1-05 Association between Moyamoya Syndrome and the *RNF213* c.14576G>A Variant in Neurofibromatosis Type 1 patients

Ji Hoon Phi Seoul National University Children's Hospital, Seoul National University College of Medicine

▼ 12 : 30 – 13 : 20

Luncheon Seminar 1



Chair **Takamasa Kayama** Yamagata University Faculty of Medicine

Proton beam therapy for pediatric tumor

Hideyuki Sakurai Proton Medical Research Center, University of Tsukuba

▼ 13 : 40 – 14 : 10

Special Lecture 1

Chair **Ryo Nishikawa** Saitama Medical University International Medical Center

Epigenetic Targeting therapy for diffuse intrinsic pontine glioma

Rintaro Hashizume Northwestern University Feinberg School of Medicine

▼ 14 : 10 – 15 : 00

KSPN-JSPN Joint Symposium 2 Brain tumor



Chairs **Ki-Bum Sim** Jeju National University College of Medicine

Eiji Kohmura Kobe University School of Medicine

JS2-01 Wilms tumor 1 peptide vaccination against recurrent glioblastoma and diffuse intrinsic pontine glioma: safety and effectiveness

Naoki Kagawa Osaka University Graduate School of Medicine

- JS2-02** Diagnostic value of stereotactic biopsy for intrinsic brainstem tumors in children
 Young-shin Ra Asan Medical Center Children's Hospital, University of Ulsan
- JS2-03** PF-A ependymoma = Plastic Ependymoma?
 Akira Gomi Jichi Children's Medical Center Tochigi, Jichi Medical University
- JS2-04** (Withdrawal)
- JS2-05** Endoscopic intraventricular biopsy of isolated infundibular lesions in children
 Jung Won Choi Samsung Medical Center, Sungkyunkwan University School of Medicine

▼15 : 05 – 16 : 06

KSPN-JSPN Joint Symposium 3 Spina bifida, epilepsy etc.



Chairs Young-shin Ra Asan Medical Center Children's Hospital
 Hajime Arai Juntendo University

- JS3-01** Epileptic diagnosis and surgical therapy for patients with Sturge-Weber syndrome
 Hidenori Sugano Juntendo University
- JS3-02** Tailored frontal lobectomy after posterior quadrantectomy versus functional hemispherotomy for hemispheric pediatric epilepsy patients
 Dong seok Kim Severance Children's Hospital, Yonsei Univ. College of Medicine
- JS3-03** Proposal of an additional entity: 'probable' limited dorsal myeloschisis
 Kyu-Chang Wang Seoul National University College of Medicine
- JS3-04** Chiari II malformation model in late-stage chick embryos with surgical open neural tube defects
 Ki-Bum Sim Jeju National University College of Medicine
- JS3-05** Acute subdural hematoma of infants may cause by subarachnoid enlargement and second impact
 Ryuji Ishizaki Shizuoka Children's Hospital
- JS3-06** Clinical analysis of normal volume hydrocephalus
 Jo Sasame Kanagawa Children's Medical center
- JS3-07** Spontaneously infected neonatal cephalhematoma caused by *Escherichia coli*; Two cases
 Junbum Park Ulsan University Hospital, University of Ulsan College of Medicine

▼16 : 10 – 17 : 00

Symposium 3 Pediatric neurosurgery in the future

Chairs Michiyasu Suzuki Yamaguchi University Graduate School of Medicine
 Tatsuya Nagashima Kobe Childrens Hospital

- S3-01** Gait functional training with the wearable robot HAL for cerebral palsy patients
 Tomoyuki Ueno University of Tsukuba Hospital
- S3-02** Development of the real-time monitoring of the cerebrospinal fluid flow rate in the shunts system
 Yasuo Aihara Tokyo Women's Medical University
- S3-03** New era of pediatric neurosurgery with the full application of imaging instruments during operation
 Yuzuru Tashiro Shizuoka Children's Hospital
- S3-04** Usefulness of an electromagnetic neuronavigation system for pediatric neurosurgery
 Kazuhiko Kurozumi Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
- S3-05** Pediatric Neurosurgery in near Future—Pediatric Neurosurgery in the Community—
 Yoshio Takahashi Tomakomai Neurosurgical Hospital, Iwamizawa Neurosurgical Hospital, Ohkawara Neurosurgical Hospital

23rd June — Hall B (Convention Hall 200)

▼9 : 00 — 10 : 04

Oral presentation 1 Brain tumor 1: Glioma

- Chairs **Naoki Kagawa** Osaka University Graduate School of Medicine
Yukihiko Fujii Brain Research Institute, University of Niigata
- O1-01** Diagnostic and decompressive operation for optic pathway pilocytic astrocytoma using extended transsphenoidal surgery; a case report
Tadateru Fukami Shiga University of Medical Science
- O1-02** Treatment strategy of brain stem pilocytic astrocytoma
Keisuke Miyake Kagawa University Faculty of Medicine
- O1-03** Treatment experience of optico-hypothalamic gliomas at Hiroshima University Hospital
Fumiyuki Yamasaki Graduate School of Biomedical and Health Sciences, Hiroshima University
- O1-04** Analysis of optic pathway/hypothalamic glioma
Hirofumi Oguma Jichi Medical University
- O1-05** Longterm clinical outcome and QOL in the children with Pilocytic astrocytoma
Hideo Nakamura Graduate School of Life Sciences, Kumamoto University
- O1-06** Histopathological and genetical characteristic as a predictor of clinical outcome; review of 16 cases of pediatric pilocytic astrocytoma at our institute
Kentaro Chiba Tokyo Women's Medical University
- O1-07** Pediatric brainstem glioma
Yasuyoshi Chiba Osaka Medical Center and Research Institute for Maternal and Child Health
- O1-08** Radiation chemotherapy for a pediatric patient in terminal stage
Mayu Takahashi University of Occupational and Environmental Health

▼10 : 05 — 11 : 25

Oral presentation 2 Brain tumor 2: Embryonic tumor, molecular, radiation

- Chairs **Yasuo Aihara** Tokyo Women's Medical University
Nobuhito Saito Faculty of Medicine, The University of Tokyo
- O2-01** The pediatric glioblastoma case that chemotherapy with ICE was remarkably effective
Yoshihiro Omura Tokyo Women's Medical University
- O2-02** Case report: chemotherapy for 2 cases of recurrent medulloblastoma
Michihiro Kurimoto Nagoya University
- O2-03** Study of germ cell tumor three cases placental alkaline phosphatase in the cerebrospinal fluid (PLAP) was useful in the diagnosis
Yuichi Oda Tokyo Women's Medical University
- O2-04** The advantage of advanced MR imaging for the diagnosis of germinoma
Fumiyuki Yamasaki Graduate School of Biomedical and Health Sciences, Hiroshima University
- O2-05** Long term follow up of the children with intracranial germ cell tumor
Daisuke Kuga Graduate School of Medical Sciences, Kyushu University
- O2-06** A case report of pediatric epithelioid glioblastoma with BRAF-V600E mutation
Yasunori Nagai Kitano Hospital The Tazuke Kofukai Medical Research Institute

- O2-07 Clinical and Molecular characteristics of congenital glioblastoma**
 Tomotsugu Ichikawa Okayama University Graduate School of Medicine, Dentistry, and
 Pharmaceutical Sciences
- O2-08 Molecular classification of ependymomas in a Japanese Pediatric Molecular Neuro-Oncology
 Group (JPMNG) series**
 Kohei Fukuoka National Cancer Center Research Institute
- O2-09 The experience of proton beam therapy to pediatric brain and spinal tumor in Kobe Children's
 Hospital with Hyogo Ion beam Medical Center**
 Atsufumi Kawamura Kobe Childrens Hospital
- O2-10 Proton therapy: Role in the treatment for pediatric brain tumors**
 Tetsuya Yamamoto University of Tsukuba

▼11 : 30 – 12 : 26

Oral presentation 3 Epilepsy, functional neurosurgery

- Chairs** Hiroyuki Nakase Nara Medical University
 Takamichi Yamamoto Seirei Hamamatsu General Hospital, Comprehensive Epilepsy Center
- O3-01 Successful Hemispherotomy for a Patient with Intractable Epilepsy Secondary to Bilateral
 Congenital Brain Malformation with Lateralized Pyramidal Tract of Diffusion Tensor Image
 Tractography**
 Ayataka Fujimoto Seirei Hamamatsu General Hospital, Comprehensive Epilepsy Center
- O3-02 Surgery outcome of glioneuronal tumor with the irritative zone**
 Madoka Nakajima Juntendo University
- O3-03 Surgical outcome and technique of transylvian selective amygdalohippocampectomy for
 intractable temporal lobe epilepsy of childhood**
 Michiharu Morino Tokyo Metropolitan Neurological Hospital
- O3-04 Neuroradiological diagnosis for the surgical treatment of pediatric drug resistant epilepsy (DRE)**
 Satoko Ochi Sapporo Medical University, School of Medicine
- O3-05 Neurotransmitter concentrations and the changes by focal brain cooling in patients with
 intractable epilepsy: analysis with intraoperative microdialysis**
 Sadahiro Nomura Yamaguchi University School of Medicine
- O3-06 Postoperative evaluation of Functional Posterior Rhizotomy for childhood spasticity**
 Yoshinori Omori Tokyo Metropolitan Children's Medical Center
- O3-07 Deep brain stimulation for generalized dystonia in a child: a case report**
 Shinya Okita Institute of Biomedical Sciences, Tokushima University Graduate School

▼12 : 30 – 13 : 10

Luncheon Seminar 2

- Chair** Jun Kurihara Saitama Children's Medical Center
Application of Sugery-Support instruments in Pediatric Neurosurgery
 Mayu Takahashi University of Occupational and Environmental Health

▼13 : 10 – 13 : 40

Hands-on

▼14 : 10 – 15 : 14

Oral presentation 4 Shunt

- Chairs Masakazu Miyajima Juntendo University
 Kazuhisa Yoshifuji Hokkaido Medical Center for Child Health and Rehabilitation
- O4-01 The efficiency of laparoscopic surgery in VP shunt revision**
 Eisaku Sadakata University of Nagasaki
- O4-02 Development of non-intermediate incision VP shunt procedure for the treatment of infant with hydrocephalus**
 Shuji Hamauchi Hokkaido University School of Medicine
- O4-03 Prophylactic antibiotic agents of CSF shunt surgery in infants**
 Yutaka Otsubo Metropolitan Ohtsuka Hospital
- O4-04 Treatment of shunt infection—Analysis of our experience—**
 Chiaki Ito Chiba Children's Hospital
- O4-05 Little Perioperative Infection Rate of Pediatric Neurosurgical Team in Nagoya University**
 Goro Kondo Nagoya University
- O4-06 Review of the treatment for hydrocephalus in neonate and infant at Seirei Hamamatsu General Hospital**
 Hirokazu Nakatogawa Seirei Hamamatsu General Hospital
- O4-07 Importance of long-term follow up for pediatric hydrocephalus patients with shunt operations**
 Keishi Makino Kumamoto University
- O4-08 Study of V-P shunt ventricular catheter dysfunction in newborn and infants**
 Yosuke Miyairi Nagano Children's Hospital

▼15 : 15 – 16 : 03

Oral presentation 5 Cyst

- Chairs Chiaki Ito Chiba Children's Hospital
 Yuzuru Tashiro Shizuoka Children's Hospital
- O5-01 Treatment experiences of the congenital suprasellar cysts**
 Jun Sakuma Fukushima Medical University
- O5-02 Delayed appearance of postoperative subdural hematoma associated with endoscopic cystcisternostomy for middle fossa arachnoid cyst**
 Masahiro Oishi Kanazawa University
- O5-03 The feasibility of navigated endoscopic surgery for intractable multiloculated infantile hydrocephalus**
 Koji Fujita School of Medicine, Wakayama Medical University
- O5-04 Surgically treated congenital cystic lesions of CNS**
 Kazuhisa Yoshifuji Hokkaido Medical Center for Child Health and Rehabilitation
- O5-05 Development of symptoms in arachnoid cysts**
 Yasuhiko Hayashi Kanazawa University
- O5-06 Endoscopic treatment for cystic lesions in pediatric patients**
 Kazuhito Takeuchi Graduate school of medicine, Nagoya university

▼16 : 05—17 : 30

Oral presentation 6 Hydrocephalus

- Chairs **Kenichi Nishiyama** Niigata Medical Center
Masahiro Nonaka Kansai Medical University
- O6-01** Neuroendoscopic irrigation for the treatment of post intraventricular hemorrhage hydrocephalus in neonates
Takaoki Kimura Juntendo Shizuoka Hospital
- O6-02** Characteristics and surgical effect on intracranial cerebrospinal fluid collections in sagittal suture synostosis
Kenichi Usami Craniofacial Unit, Necker-Enfants Malades Hospital
- O6-03** Hydrocephalus treatment in syndromic craniosynostosis children
 —pros and cons to be considered—
Ryo Ando Chiba Children's Hospital
- O6-04** Fetal diagnosis and management for CNS malformation
Shigeki Nishino Hiroshima City Hiroshima Citizens Hospital
- O6-05** Role of Primary Cilia in the Developing Chick
Takayuki Inagaki Ibaraki Children's Hospital
- O6-06** Gene analysis of congenital aqueduct stenosis in the H-Tx rat
Masakazu Miyajima Juntendo University
- O6-07** Follow up Strategy in Carry Over Patients in Central Nervous Disorders who treated neonatal period
Yoshio Takahashi Tomakomai Neurosurgical Hospital, Iwamizawa Neurosurgical Hospital, Ohkawara Neurosurgical Hospital

Oral 06–Keynote

- Chair **Shinya Yamada** Toshiba Rinkan Hospital
- Using MRI to Establish Patency between Adjacent CSF compartments**
J. Gordon McComb Children's Hospital Los Angeles

23rd June —Room C (Conference room 202)

▼13 : 45—14 : 33

Co-medical Session 1

- Chairs **Takao Tsurubuchi** University of Tsukuba
Yuko Yoshimoto Miyagi Children's Hospital
- CO1-01** A case of congenital dermal sinus associated with meningitis
Yukie Muraoka Takatsuki General Hospital
- CO1-02** Parents' role in the pediatric intensive care
Megumi Amiya Takatsuki General Hospital
- CO1-03** Post-operative developmental care—A case of pfeiffer syndrome—
Saori Tominaga Saitama Children's Medical Center
- CO1-04** A cohort study for skin trouble occurred during untethering of spinal cord
Sae Yano Matsudo City Hospital

CO1-05 The Spina bifida clinic at Ibaraki Children's Hospital: Problem and future perspective

Ayasa Yoshizawa Ibaraki Children's Hospital

CO1-06 The comedical supports for long-term treatments of the Basilar impression boy

Tetsuya Azuma Hyogo Prefectural Kobe Children's Hospital

▼14 : 35 – 15 : 23

Co-medical Session 2

Chairs **Mihoko Kato** Aichi Children's Health and Medical Center

Ayasa Yoshizawa Ibaraki Children's Hospital

CO2-01 A questionnaire survey to nursery schools about the acceptance of infants who need medical cares

Ayaka Endo Miyagi Children's Hospital

CO2-02 Successful early intervention of rehabilitation in a 2-years-old girl with cerebral infarction

Aya Hirose Takatsuki General Hospital

CO2-03 On occupational therapy as a family support for a case with medulloblastoma and Pervasive developmental disorder

Hiroataka Matsushita Takatsuki General Hospital

CO2-04 Distraction for the Distraction

Yuko Hirano Aichi Children's Health and Medical Center

CO2-05 Support for pediatric patients with brain tumor in palliative care

Mayuri Seto Tokyo Metropolitan Children's Medical Center

CO2-06 A successful regional support for terminal care of the pediatric patient with diffuse pontine glioma: A case report

Hitomi Kimura Ibaraki Children's Hospital

▼15 : 30 – 16 : 26

Co-medical Session 3 Multi disciplinary care for child abuse

Chairs **Tamotsu Miki** Tokyo Medical University

Megumi Tamura University of Tsukuba Hospital

CO3-01 Trend in child abuse experienced in Miyagi Children's Hospital

Yoshimi Kimura Miyagi Children's Hospital

CO3-02 Our Prevention System for Shaken Baby Syndrome by Midwife and Nurse

Naomi Hashikura Takatsuki General Hospital

CO3-03 Team approach of abuse

Yosiko Maruyama Kanagawa Childrens Medical Center

CO3-04 Our child abuse prevention system for patients caused by unclear mechanism of injury

Makiko Taguchi Takatsuki General Hospital

CO3-05 Management of child abuse in the children's hospital

Yuko Kikuchi Tokyo Metropolitan Children's Medical Center

CO3-06 Present Environment of Hospitalization Associated with Child Abuse

Yusaku Kikuchi Aichi Childrens Health and Medical Center

CO3-07 Involvement of the Family support team for the family of a suspected abusive head trauma

Akari Ueno Matsudo City Hospital

▼16 : 30 – 17 : 26

Oral presentation 7 Abuse, Trauma
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Chairs **Yuichiro Nonaka** Jikei University School of Medicine
Young-Soo Park Nara Medical University

- O7-01** Infant traumatic intracranial hemorrhage that required a craniotomy by an injury in the home: three cases that were struggling to determine whether abuse or accident
Yasutaka Yokoi Kanagawa Children's Medical Center
- O7-02** Future challenges in abused children with head trauma
Ayumi Narisawa Sendai City Hospital
- O7-03** Analysis of abusive head trauma in infant
Osamu Numata Chiba Children's Hospital
- O7-04** What makes differences between Abusive Head Trauma and non-Abusive Head Trauma?
 —A cohort study using text mining—
Tadashi Miyagawa Children's Medical Center, Matsudo City Hospital
- O7-05** What makes differences between Abusive Head Trauma and non-Abusive Head Trauma?
 —A cohort study searching predictors—
Tadashi Miyagawa Children's Medical Center, Matsudo City Hospital
- O7-06** Head Trauma in Infants
Yasuyoshi Chiba Osaka Medical Center and Research Institute for Maternal and Child Health
- O7-07** Clinical analysis of cerebrospinal fluid hypovolemia in childhood and adolescence
Koichi Takahashi Sanno Hospital



June — Poster session (Multi-purpose Hall)

▼17 : 40 – 18 : 10

Poster 1 Tumor 1

Chair **Mayu Takahashi** University of Occupational and Environmental Health

- P1-01** A case of resectable infantile immature teratoma following chemotherapy
Maya Kono Keio university
- P1-02** Multiple recurrence of central germinoma
Katsuo Shoin Kanazawa Medical Center
- P1-03** Two cases of medulloblastoma that development in infancy
Masaaki Nemoto Toho University
- P1-04** A case of extrarenal-extracranial malignant rhabdoid tumor in cervical spine
Takuma Nishimoto Yamaguchi University School of Medicine
- P1-05** Two cases of atypical teratoid/rhabdoid tumor arising from lateral ventricle
Keishi Horiguchi Gunma University
- P1-06** Use of Broviac catheter placement for pediatric brain tumor patients
Jun-Ichiro Kuroda Kumamoto University

▼17 : 40 – 18 : 10

Poster 3 Tumor 3

Chair Junichi Yoshimura Brain Research Institute, University of Niigata

P3-01 Organic central precocious puberty: diagnosis and treatment

Shingo Takano University of Tsukuba

P3-02 An infant craniopharyngioma whose perioperative management of water balance was difficult

Yuya Furukawa Fukushima Medical University

P3-03 A case of progressive symptomatic intra-orbital dermoid cyst in infant

Taro Yanagawa Saitama Children's Medical Center

P3-04 A case of pediatric tumefactive demyelination requiring biopsy to confirm the diagnosis

Kenichi Wakabayashi Toyohashi Municipal Hospital

P3-05 A case of pediatric spinal meningioma with gait disturbance

Hirotake Eda Shimane University

P3-06 A case of pediatric cauda equina tumor

Yukari Kawasaki Oita University

▼17 : 40 – 18 : 10

Poster 5 Cerebrovascular disease 1

Chair Shigeki Ono Kawasaki Medical School

P5-01 Clinical feature and selection and timing of surgery in pediatric moyamoya disease with poor outcome

Shunsuke Nomura Tokyo Women's Medical University

P5-02 Our result of bypass surgery for pediatric Moyamoya disease

Kensuke Suzuki Dokkyo Medical University Koshigaya Hospital

P5-03 Pitfalls of the acute management of moyamoya disease in infant

Tomomi Ishikawa Tokyo Women's Medical University

P5-04 Bilateral internal cerebral artery stenosis in children with ACTA2 mutation

Ai Muroi University of Tsukuba

P5-05 A case of subcortical hematoma treated intensively with IABP and PCPS

Osamu Hayashida Yamaguchi Grand Medical Center

▼17 : 40 – 18 : 10

Poster 7 Trauma 1

Chair Yosuke Miyairi Nagano Children's Hospital

P7-01 A case of good outcome from severe railway accident in children with intensive management

Maki Inaba Kameda Medical Center

P7-02 8 -year-old girl with severe head trauma who underwent brain protective therapy

Satoshi Ohnishi Takatsuki General Hospital

P7-03 Acute subdural hematoma in judo player with repeated head injuries

Hiroshi Yokota Nara Medical University

P7-04 What makes differences between Abusive Head Trauma and non-Abusive Head Trauma?

—Cohort study using Decision Tree Analysis and quantification methods type II—

Tadashi Miyagawa Children's Medical Center, Matsudo City Hospital

P7-05 Decompressive craniectomy for severe traumatic brain injury in pediatric patients

Kenichi Usami Necker Enfants-Malades Hospital

▼17 : 40 – 18 : 10

Poster 9 Spine

Chair **Hirokatsu Osawa** Aichi Children's Health and Medical Center

P9-01 A fixation surgery of atlanto-axial rotatory subluxation after foramen magnum decompression of Chiari malformation

Hitoshi Aiyama Kameda Medical Center

P9-02 A case of adult Chiari malformation type 1 with hydrocephalus

Hiroyuki Yamamoto Kyoto Second Red Cross Hospital

P9-03 Composite type of split cord malformation, a case report

Homare Nakamura St. Marianna University School of Medicine Yokohama City Seibu Hospital

P9-04 A case of increase dermoid cyst following operation of spinal intradural abscess with dermal sinus tract

Keishi Tsunoda Nagasaki University Hospital

P9-05 A case of spina bifida occulta with neuroepithelial cells-lined sinus tract

Hideo Mure Tokushima University

▼18 : 10 – 18 : 40

Poster 2 Tumor 2

Chair **Atsufumi Kawamura** Kobe Childrens Hospital

P2-01 Malignant transformation of a desmoplastic infantile astrocytoma; review of two pediatric cases

Kentaro Chiba Tokyo Women's Medical University

P2-02 A Case of Definitely Congenital Brain tumor decreasing spontaneously

Hidehiro Kohzuki University of Tsukuba

P2-03 A case of gliomatosis cerebri coexisting with leptomeningeal lesions in childhood

Joji Ishida Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences

P2-04 A case of leptomeningeal gliomatosis

Kei Nakai University of Tsukuba

P2-05 treatment for intracranial schwannoma in pediatric patients

Nobuyuki Nakajima Tokyo Medical University

P2-06 The case of frontal lobectomy for epileptic spasm

Tsukasa Hirano Sapporo Medical University

▼18 : 10 – 18 : 40

Poster 4 Hydrocephalus, cyst

Chair **Atsuko Harada** Takatsuki General Hospital

P4-01 A case of posttraumatic tension subdural hygroma due to arachnoid cyst

Tomoshi Koyama Takatsuki General Hospital

P4-02 Elevated intracranial pressure after arachnoid cyst fenestration

Jonsu Chu University of Nagoya

P4-03 A case of refractory hydrocephalus treated by long-term external ventricular drainage

Tsutomu Tokuyama Hamamatsu University School of Medicine

P4-04 Modified reservoir tube for prevention of the acute occlusion after ETV

Hiroki Yoshioka University of Tottori

- P4-05** Endoscopic treatment of posthemorrhagic hydrocephalus — Combination method of intraoperative navigation and cone beam CT—
Tetsuzou Tomosugi Kagoshima City Hospital
- P4-06** A case report of successful endoscopic third ventriculostomy for ventriculo-peritoneal shunt malfunction after the treatment of germ cell tumor
Ryosuke Matsuda Nara Medical University

▼18 : 10 — 18 : 40

Poster 6 Cerebrovascular disease 2

Chair Wataro Tsuruta University of Tsukuba

- P6-01** Safety and efficacy of endovascular therapy for pediatric cerebro and spinal vascular diseases
Goichiro Tamura Tokyo Metropolitan Children's Medical Center
- P6-02** Surgical treatment of pial arteriovenous fistula with ICG videoangiography
Nobuyuki Akutsu Kobe Children's Hospital
- P6-03** A consecutive combined endovascular and surgical treatment of arterio-venous malformation (AVM) in an infant under Hybrid OR
Motoharu Fujii St. Luke's International Hospital
- P6-04** A case of endovascular treatment for infantile pial AVF
Shinsuke Sato St. Luke's International Hospital
- P6-05** A case of ruptured distal posterior inferior cerebellar artery fusiform aneurysm in a 8- month-old boy treated endovascularily
Sangnyon Kim Obihiro Kosei General Hospital
- P6-06** Unusual presentations of pediatric skull cavernous angiomas: report of two cases
Takumi Yamanaka Kyoto Prefectural University of Medicine

▼18 : 10 — 18 : 40

Poster 8 Trauma 2

Chair Tomomi Kimiwada Miyagi Children's Hospital

- P8-01** endoscopic endonasal repiar for post traumatic cerebrospinal fluid rhinorrhea in a child
Yasuo Sasagawa Kanazawa University
- P8-02** Surgical procedure for acute epidural hematoma in neonate with Strip-Bending osteoplastic craniotomy with neuroendoscope and prognosis for acute epidural hematoma in neonate
Naoto Kuroda Seirei Hamamatsu General Hospital
- P8-03** Utilization of resorbable plate for comminuted depressed skull fracture; a technical note
Ikkei Tamada Tokyo Metropolitan Children's Medical Center
- P8-04** Pediatric sigmoid sinus thrombosis after mild head injury resulted in good outcome under observation: a case report
Masaru Oga Tokyo Metropolitan Ohtsuka Hospital
- P8-05** Abnormal signal in the bilateral cerebellar tonsils after posterior fossa trauma junior child
Miki Taniguchi Kawasaki Medical School Hospital
- P8-06** A case of distractor breakage in distraction osteogenesis for lambdoid synostosis
Sachiko Kato Aichi Children's Health and Medical Center

▼18 : 10 – 18 : 40

Poster 10 Spina bifida

Chair **Ryuji Ishizaki** Shizuoka Children's Hospital

P10-01 The outcome of pediatric tethered cord syndrome

Toshitaka Seki Hokkaido University Graduate School of Medicine

P10-02 Two cases of lipomyelomeningocele that was diagnosed meningocele at neonate

Ryuta Kajimoto Saitama Childrens Medical Center

P10-03 CODAS syndrome suspected by spine CT in a case of filum lipoma

Yuuki Inoue Tokyo Metropolitan Children's Medical Center

P10-04 Tethered cord associated with extended filum terminale into the meningocele : a case report

Masahiro Joko Aichi Medical University

P10-05 A case of occipital pseudomeningocele with haphalgisia

Koichi Yoshida Nagasaki University Hospital

P10-06 Right parietal cephalocele associated with ipsilateral anomalies of the scalp and face and schizencephaly as well as vertical embryonic positioning of the straight sinus

Nobuya Murakami Fukuoka Children's Hospital

24th June — Hall A (Main Convention Hall)

▼7 : 30 — 8 : 15

Morning Seminar

Chair **Eiichi Ishikawa** University of Tsukuba

What's "ATARIMAE" for Pediatric brain tumor?

Yasuo Aihara Tokyo Women's Medical University

▼8 : 20 — 9 : 40

Symposium 4 Optimal timing of Treatment for craniosynostosis

Chairs **Susumu Ito** Kanagawa Children's Medical Center

Akira Gomi Jichi Children's Medical Center Tochigi, Jichi Medical University

S4-01 Optimal timing and optimal procedure of surgery for patients with craniosynostosis

Akira Gomi Jichi Children's Medical Center Tochigi, Jichi Medical University

S4-02 Suturectomies with postoperative helmet therapy for craniosynostosis in early infant

Susumu Ito Kanagawa Children's Medical Center

S4-03 Long-term assessment of distraction method for syndromic craniosynostosis in infancy

Yasuhiro Matsusaka Osaka city general hospital

S4-04 A dual institutional cohort study of mild trigonocephaly with clinical symptoms

Kazuaki Shimoji Juntendo University School of Medicine

S4-05 Suturectomy/Craniectomy for infants with syndromic craniosynostosis

Tomomi Kimiwada Miyagi Children's Hospital

S4-06 Clinical features of late diagnosed craniosynostosis

Satoshi Ihara Tokyo Metropolitan Children's Medical Center

S4-07 The chronological change of age of diagnosis and operation in patients with non-syndromic craniosynostosis

Takuya Akai Toyama University

S4-08 Surgical strategy for syndromic craniosynostosis: analysis from synostosis progression and skull deformity

Hiroaki Shigeta Nagano Children's Hospital

▼9 : 45 — 10 : 57

Oral presentation 10 Moyamoya disease, cerebrovascular disease

Chairs **Atsushi Takahashi** National Cerebral and Cardiovascular Center

Toshiaki Hayashi Sendai City Hospital

O10-01 Fatal cerebral infarction after intraventricular hemorrhage in a pediatric moyamoya disease

Yasunobu Nakai Tsukuba Medical Center Hospital

O10-02 EDAS procedure for Moyamoya disease in children

Junji Yamada Osaka Medical Center and Research Institute for Maternal and Child Health

O10-03 Long-term outcome of moyamoya disease associated with intracranial hemorrhage in children

Kazutaka Sumita Tokyo Medical and Dental University

- O10-04** Perioperative cerebral infarction in pediatric moyamoya disease patients
Shinsuke Muraoka Nagoya University
- O10-05** *RNF213* genotypes and clinical characteristics in pediatric moyamoya disease
Maki Mukawa Tokyo Medical and Dental University
- O10-06** Experience of three pediatric cases with non-moyamoya cerebrovascular occlusive disease
Yoshio Araki Nagoya University Graduate School of Medicine
- O10-07** Strategy for pediatric arteriovenous malformation
Kyoji Tsuda Dokkyo Medical University Koshigaya Hospital
- O10-08** Histological study of developmental venous anomaly with infantile cerebral cavernous malformation
Naoyuki Ohe Gifu University Graduate School of Medicine
- O10-09** Pathophysiology of cerebral hemorrhage in pediatric patient with cavernoma
Reizo Shirane Miyagi Children's Hospital

▼ 11 : 00 — 12 : 10

Symposium 5 Yutaka Maki Memorial Symposium: Palliative care for patients of pediatric brain tumor

Chairs Isao Date Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
Akira Matsumura University of Tsukuba

S5- Keynote

Palliative care in Childhood Brain Tumor: what children and their parents tell us

Naoko Takenouchi Kanagawa children's Medical center

S5-01 Home-based palliative care for children with recurrent and/or refractory central nervous system (CNS) tumor

Takaaki Yanagisawa Jikei University School of Medicine

S5-02 Neurosurgical palliative care for the children with malignant brain tumor

Mayu Takahashi University of Occupational and Environmental Health

S5-03 Palliative management for pediatric malignant tumors in central nervous system at Osaka University Hospital

Naoki Kagawa Osaka University Graduate School of Medicine

S5-04 Palliative care of the children with refractory brain tumors in our institution

Naofumi Suzuki University of Mie

S5-05 Surgery for diffuse intrinsic pontine glioma as palliation therapy

Satoshi Ihara Tokyo Metropolitan Children's Medical Center

▼ 12 : 20 — 13 : 10

Luncheon Seminar 3

Chair Shingo Takano University of Tsukuba

“The Hope of Progress” in Paediatric Neuro-oncology

Takaaki Yanagisawa Jikei University School of Medicine

▼13 : 15 – 13 : 45

Special Lecture 2 Co-hosted with Japanese Society of Child Neurology

Chair **Hiroaki Sakamoto** Osaka City General Hospital

What to understand and carry out “The joint statement concerning sedation at MRI study on children”

Hideo Yamanouchi Saitama Medical University

▼14 : 10 – 15 : 20

Symposium 6 Treatment for pediatric arteriovenous shunt

Chairs **Jun Kurihara** Saitama Children's Medical Center

Teiji Tominaga Tohoku University School of Medicine

S6- Keynote

Is cerebral arteriovenous malformation congenital disease?

Yuji Matsumaru Toranomon Hospital

S6-01 Multimodality therapy for pediatric arteriovenous malformation

Yoshiro Ito University of Tsukuba

S6-02 Direct surgery for pediatric supra tentorial pial AVF

Young Soo Park Nara Medical University

S6-03 The tips and pitfalls of the neuroendovascular treatment in a neonate

Hiroshi Manaka Yokohama City University Medical Center

S6-04 Experience in the Treatment for dural sinus malformation

Tomoya Ishiguro Osaka City General Hospital

S6-05 Is Gamma Knife Radiosurgery (GKRS) Safe for Pediatric Patients with Arteriovenous Malformations (AVMs)?

Masaaki Yamamoto Katsuta Hospital Mito Gamma House

▼15 : 20 – 17 : 10

Joint Symposium co-hosted with The Japanese Society of Pediatric Hematology/Oncology-The Japan Society for Neuro-Oncology

Optic pathway glioma



Chairs **Toshihiro Kumabe** Kitasato University School of Medicine

Toshihiko Wakabayashi Nagoya University

JS4- Keynote 1

Korean Society for Pediatric Neuro-Oncology: Past and Present

Young-shin Ra Asan Medical Center Children's Hospital, University of Ulsan

JS4- Keynote 2

How to treat pediatric low grade glioma

Junichi Hara Osaka City General Hospital

JS4-01 Strategy for intraorbital optic glioma

Tomonari Suzuki Saitama Medical University International Medical Center

JS4-02 Outcome of optic pathway/hypothalamic gliomas in children

Noritsugu Kunihiro Osaka City General Hospital

JS4-03 Treatment of optic pathway glioma: from past to present

Susumu Ito Kanagawa Children's Medical Center

JS4-04 Decision making of Anatomical cleavage and surgical cleavage in Chiasmatic-hypothalamic glioma

Yasuo Aihara Tokyo Women's Medical University

JS4-05 Efficacy of chemotherapy for chiasmatic-hypothalamic astrocytoma

Koji Yoshimoto Graduate School of Medical Sciences, Kyushu University

JS4-06 Treatment for optic pathway glioma: survival and functional outcomes

Takaaki Yanagisawa Jikei University School of Medicine

JS4-07 Treatment strategy for pediatric optic pathway glioma

Hideki Ogiwara National Center for Child Health and Development

24th June — Hall B (Convention Hall 200)

▼ 8 : 20 — 9 : 00

Oral presentation 8 Craniovertebral junction

Chairs Sadahiro Nomura Tokyo Women's Medical University

Kyong Hon Pooh Shikoku Medical Center for Children and Adults

O8-01 The Study of association with Development of Achondroplasia and Surgical Indication for Craniocervical Junction Stenosis

Chisato Yokota Graduate School of Medicine, Osaka University

O8-02 Basilar Invagination in a Child with Atlanto-Occipital Subluxation and Suspected Prenatal Dandy Walker Malformation

Isamu Miura Tokyo Women's Medical University

O8-03 Clinical outcome of surgical treatment for the symptomatic Chiari malformation

Shoko Shimokawa Saga University

O8-04 Surgical Indication and Outcome of Foramen Magnum Decompression for Achondroplasia

Mihoko Kato Aichi Children's Health and Medical Center

O8-05 Chiari malformation type I associated with scoliosis : 6 cases

Yoshihiro Tanaka Dokkyo Medical University Koshigaya Hospital

▼ 9 : 00 — 9 : 56

Oral presentation 9 Spina bifida 1

Chairs Masato Nagasaka Aichi Prefectural Colony Central Hospital

Takato Morioka Fukuoka Children's Hospital

O9-01 The usefulness of ultrasonography in pediatric patients of spinal lesions

Atsuko Harada Takatsuki General Hospital

O9-02 Spinal lipoma of the filum terminale: review of 174 consecutive patients

Kenichi Usami Necker Enfants-Malades Hospital

O9-03 Clinical features and surgical treatment of syringomyelia associated with spinal lipoma

Masato Nagasaka Aichi Prefectural Colony Central Hospital

O9-04 Tethered cord syndrome in adults

Yumiko Someno Kansai Medical University

- O9-05** The Effectiveness and the ingenuity of the BCR in spinal cord untethering surgery of infants
Yukiko Kotani Heisei Memorial Hospital
- O9-06** Predictors of Postoperative Urinal Condition in Patients with Caudal Type Spinal Lipoma
Daimon Shiraishi Aichi Children's Health and Medical Center
- O9-07** Combined use of 3D-heavily T2- and 3D-T1-weighted images on 1.5T-MRI in the preoperative evaluation of occult spinal dysraphism
Takato Morioka Fukuoka Children's Hospital

▼10 : 00 – 10 : 56

Oral presentation 11 Spina bifida 2

- Chairs Satoshi Ihara Tokyo Metropolitan Children's Medical Center
Shoko Shimokawa Saga University
- O11-01** Rapid growth of excessive bone around lumbar lamina in spinal dysraphism—A case report—
Takao Tsurubuchi Mito Saiseikai General Hospital
- O11-02** A case of limited dorsal myeloschisis
Masae Kuroha Tokyo Metropolitan Children's Medical Center
- O11-03** Analysis of operation cases of intrasacral cyst in children
Yoshinori Omori Tokyo Metropolitan Children's Medical Center
- O11-04** Surgery of pediatric symptomatic sacral perineural cysts
Toshio Matsubara Mie university
- O11-05** Closure of myelomeningoceles; an analysis of our institutional experiences
Junichi Yoshimura Brain Research Institute, University of Niigata
- O11-06** Reconsideration of congenital dermal sinus with the view of morphological and pathological findings in our cases
Yuzuru Tashiro Shizuoka Children's Hospital
- O11-07** Intracranial Dermal Sinus
Osamu Takemoto Osaka Medical Center and Research Institute for Maternal and Child Health

▼11 : 06 – 12 : 10

Oral presentation 12 Craniosynostosis 1

- Chairs Hiroaki Shigeta Nagano Children's Hospital
Osamu Takemoto Osaka Medical Center and Research Institute for Maternal and Child Health
- O12-01** Treatment timing and evaluation of the occipital distraction
Fumitaka Yoshioka Saga University
- O12-02** Treatment timing and evaluation of the occipital distraction from the view of plastic surgery
Tetsuji Uemura Saga University Hospital
- O12-03** Analysis of craniosynostosis cases operated by MCDO procedure
Masahiro Kameda Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
- O12-04** The surgical timing and selection for craniosynostosis in our facility—The investigation for MCDO method
Hirokatsu Osawa Aichi Children's Health and Medical Center
- O12-05** ICP monitoring in pediatric neurosurgery
Junji Yamada Osaka Medical Center and Research Institute for Maternal and Child Health

O12-06 Evaluation of surgical results for craniosynostosis used by long term intracranial pressure monitoring

Jun Kurihara Saitama Children's Medical Center

O12-07 Review of pre- and postoperative intracranial volumes after cranial distraction in craniosynostosis

Hirokazu Nakatogawa Seirei Hamamatsu General Hospital

O12-08 Volumetric changes in cranial vault expansion: Comparison of anterior and posterior cranial vault distraction

Yu Kageyama Saitama Children's Medical Center

▼12 : 20—13 : 10

Luncheon Seminar 4

Chair **Atsushi Natsume** Nagoya University Graduate School of Medicine

Intraoperative MRI in brain tumor surgery and future direction

Tetsuya Yamamoto Faculty of Medicine, University of Tsukuba

▼14 : 10—15 : 14

Oral presentation 13 Brain tumor 3: Surgery

Chairs **Hideki Ogiwara** National Center for Child Health and Development

Kiyoshi Saito Fukushima Medical University

O13-01 Utility of midline splitting approach for the pediatric brainstem pontine lesion

Yasuo Aihara Tokyo Women's Medical University

O13-02 Analysis of anterior transpetrosal approach in pediatrics

Tomoru Miwa Keio University School of Medicine

O13-03 Fluorescence-guided surgery with 5-aminolevulinic acid for resection of pediatric brain tumors

Takafumi Wataya Shizuoka Children's Hospital

O13-04 Surgical treatment of pediatric supratentorial intraventricular tumor

Junji Koyama Hyogo Prefectural Kobe Children's Hospital

O13-05 Anterior cerebral artery notching on anterior optic pathways in a child with craniopharyngioma and progressive blindness

Hiroshi Yokota Nara Medical University

O13-06 Improvement of endonasal endoscopic surgery for pediatric case

Takuma Hara University of Tsukuba

O13-07 Endoscopic transsphenoidal surgery of for pediatric juxtaseilar lesions

Yuichiro Yoneoka Uonuma General Hospital, Center of Community Medicine and Health Education, Niigata University

O13-08 Analysis of pediatric brain tumors in Myanmar

Shigeki Ono Kawasaki Medical School

June 24, 2016

▼15 : 15 – 16 : 03

Oral presentation 14 Craniosynostosis 2

Chairs Takuya Akai Toyama University
Yasuhiro Matsuzaka Osaka City General Hospital

- O14-01** A case of Cardio-Facia-Cutaneous syndrome with lambdoid synostosis
Nayuta Higa Graduate School of Medical and Dental Sciences, Kagoshima University
- O14-02** Posterior calvarial vault expansion using distraction osteogenesis in patient with Saethre-Chotzen Syndrome
Tatsuki Oyoshi Graduate School of Medical and Dental Sciences, Kagoshima University
- O14-03** Neurosurgical contribution to Le Fort osteotomy procedure in the patient of syndromic craniosynostosis
Yuichiro Nonaka The Jikei University Women's and Children's Medical Center
- O14-04** Syndromic Craniosynostosis
Osamu Takemoto Osaka Medical Center and Research Institute for Maternal and Child Health
- O14-05** Craniosynostosis in Williams Syndrome
Osamu Takemoto Osaka Medical Center and Research Institute for Maternal and Child Health
- O14-06** Ultrasound-aided pin fixation of a biodegradable cranial fixation system (Sonic Weld Rx): uses in pediatric neurosurgery
Masaki Koh University of Toyama

24th June — Room 201B

▼7 : 30 – 8 : 15

Meet the experts

- 1. Douglas Brockmeyer** University of Utah/ Primary Children's Medical Center
- 2. J. Gordon McComb** Children's Hospital Los Angeles

▼14 : 30 – 15 : 40

Hands on Seminar ITB Hands-on

Satoshi Ihara Tokyo Metropolitan Children's Medical Center