

49th Annual Meeting of International Society for Pediatric Neurosurgery

Scientific program

Monday, October 16, 2023

Hours		Hall A	Hours	
08:30	08:45	Welcome and Introduction Sergio Valenzuela & Wan Tew Seow & Benedetta Pettorini		
08:45	10:11	Oncology Session I Chairs: Leonardo Dominguez, Kristian Aquilina		
08:45	09:15	Invited lecture Mark Souweidane		
09:15	09:23	PF-001 Standardization of the liquid biopsy for pediatric diffuse midline glioma using ddPCR, <i>Amanda M Saratsis, United States</i>		NURSING SYMPOSIUM (only virtual)
09:23	09:31	PF-002 Ventricular Cerebrospinal Fluid Sampling in Pediatric Diffuse Midline Glioma Patients: Institutional Experience and Review of the Literature, <i>Amanda M Saratsis, United States</i>		
09:31	09:39	PF-003 Influence of focused ultrasound on locoregional drug delivery to the brain, <i>Mark Souweidane, United States</i>		
09:39	09:47	PF-004 Genetic aspect of sonic hedgehog (SHH) Medulloblastoma: HDAC and PI3K inhibitors as potential therapeutic options, <i>Meena Jhanwar-Uniyal, United State s</i>		
09:47	09:55	PF-005 Identification of genetic biomarkers to predict response to HSV-1 G207 and polio:rhinovirus immunotherapy, <i>Eric M Thompson, United States</i>		
09:55	10:03	PF-006 Laser Interstitial Therapy for Low Grade Pediatric Brain Tumors, <i>Shaun David Rodgers, United States</i>		
10:03	10:11	PF-007 Differential expression of markers of inflammatory microenvironment in medulloblastoma allow for classification according to molecular subgroups, <i>Julian Zipfel, Germany</i>		
10:11	11:00	Oncology Flash Session I Chairs: Dra Javier Terrazo, Martin Shuhmann		
10:11	10:14	FL-001 Results of the treatment of pineal tumors in children: The Lyon experience, <i>Carmine Mottolese, France</i>		
10:14	10:17	FL-002 Brain metastases from solid extracranial tumors in pediatrics, <i>Carolina Belen Maldonado Alejos, Argentina</i>		
10:17	10:20	FL-003 Contralateral transfalcius approach in pediatric neurosurgery, <i>Hanna Salauyeva, Belarus</i>		
10:20	10:23	FL-004 Ponto-cerebellar angle lesions in children: retrospective study, <i>Javier González Ramos, Argentina</i>		
10:23	10:27	Discussion		
10:27	10:30	FL-005 Redefining germline predisposition in children with molecularly characterized ependymoma: a population-based 20-year cohort, <i>Jon Foss Skjftesvik, Denmark</i>		
10:30	10:33	FL-006 Diverse Patterns and Clinical Significance of 11C-Methionine PET in Dysembryoplastic Neuroepithelial Tumors, <i>Joo Whan Kim, South Korea</i>		
10:33	10:36	FL-007 The role of Tenascin-C as a marker of progression and poor prognosis in CNS tumors in the pediatric population, <i>Magdalena Zgoda Aleksandrowicz, Poland</i>		
10:36	10:39	FL-008 Inflammatory Microenvironment in pediatric intracranial Ependymoma, <i>Julian Zipfel, Germany</i>		
10:39	10:43	Discussion		
10:43	10:46	FL-009 Primary cerebral sarcoma in pediatric patients: an emerging pathology and first cause of neoplastic brain hemorrhage, <i>Jose Antonio Cenzano Ramos, Peru</i>		
10:46	10:49	FL-010 Diagnostic Yield From Minimally Invasive Biopsies in the Molecular Age for Phenotyping Paediatric Brain Tumours, <i>Kristian Aquilina, United Kingdom</i>		
10:49	10:52	FL-011 Investigating lesion location in relation to cerebellar mutism following pediatric tumor resection, <i>Kristian Aquilina, United Kingdom</i>		
10:52	10:55	FL-012 Cerebellopontine angle tumors in children: still a challenge, <i>Luca Massimi, Italy</i>		
10:55	10:59	Discussion		

11:00	11:30	COFFEE BREAK
11:30	12:48	Oncology Session II Chairs: Tai Tong Wong, Ramiro del Rio
11:30	12:00	Invited Lecture Todd Hankinson
12:00	12:08	PF-008 Multi-sequential Craniopharyngioma MRI Assessment using Deep Learning Approaches, <i>Giovanni A. Castiglioni, Chile</i>
12:08	12:16	F-009 20-year experience of the surgical management of paediatric craniopharyngiomas by a single tertiary UK paediatric centre - The Leeds Experience, <i>Neeraj Kalra, United Kingdom</i>
12:16	12:24	PF-010 Preliminary Assessment of CAR T-Cells as a Therapy for Adamantinomatous Craniopharyngioma, <i>Todd C. Hankinson, United States</i>
12:24	12:32	PF-011 The Semi-Sitting Position in Posterior Cranial Fossa Tumor Surgery: Results and Pitfalls of a Consecutive Series of 64 Children, <i>Cecilia Casali, Italy</i>
12:32	12:40	PF-012 Focal low-grade gliomas of the brainstem in children - outcomes and challenges in a single-institution series, <i>Kristian Aquilina, United Kingdom</i>
12:40	12:48	PF-013 The COMBAT Project: a protocol for the development of a Core Post Operative Morbidity Set for Paediatric Brain Tumours, <i>Sandhya Trichinopoly Krishna, United Kingdom</i>
12:48	13:20	Oncology Flash Session II Chairs: Graciela Zuccaro, Eric Thompson
12:48	12:51	FL-013 Endoscopic Endonasal Transsphenoidal approach for pediatric craniopharyngiomas: a series of 46 cases, <i>Patricia Alessandra Dastoli, Brazil</i>
12:51	12:54	FL-014 Routine Radiographic Follow-up of Adamantinomatous Craniopharyngioma without Intravenous Contrast, <i>Todd C Hankinson, United States</i>
12:54	12:57	FL-015 Purely endoscopic removal of choroid plexus tumors at children, <i>Albert Akramovich Sufianov, Russia</i>
12:57	13:00	FL-016 Growing teratoma syndrome in a cohort series of 324 intracranial germ cell tumor in children, <i>Tai Tong Wong, Taiwan</i>
13:00	13:04	Discussion
13:04	13:07	FL-017 Posterior Fossa Tumors of the first year of life: 13-year retrospective analysis at a single institution, <i>Patricia Alessandra Dastoli, Brazil</i>
13:07	13:10	FL-018 Pediatric Ganglioglioma: Ten-year experience in a Mexican Hospital, <i>Rafael Vazquez Gregorio, Mexico</i>
13:10	13:13	FL-019 Pilocytic astrocytoma: surgical outcome analysis of a pediatric cohort, <i>Sheng Che Chou, Taiwan</i>
13:13	13:16	FL-020 Current situation of paediatric tumours of central nervous system in China - a report of the first nationwide retrospective cross-sectional study, <i>Yipeng Han, China</i>
13:16	13:20	Discussion
13:20	14:20	LUNCH
13:30	14:15	Industry Luncheon Symposium
14:20	15:32	Session on Fetal I Chairs: William Whitehead, Adrian Caceres
14:20	14:35	Invited Lecture: Fetal surgery for MMC – A UK view on maintaining the neurosurgical perspective Dominic Thompson
14:35	14:50	Invited Lecture Sergio Cavalheiro
14:50	15:00	Discussion
15:00	15:08	PF-014 Neurosurgical Outcomes after 2-port Fetoscopic Myelomeningocele Repair: A Comparison of Surgical Techniques, <i>Jacob Lepard, United States</i>
15:08	15:16	PF-015 The First 21 case series in Fetal Surgery of Myelomeningocele: Six year Peruvian experience, <i>Marco Antonio Mejia Tupa, Peru</i>
15:16	15:24	PF-016 Fetal In-Utero Repair of Myelomeningocele and Myeloschisis: Can Microneurosurgical Placode Tubularization Technique Significantly Reduce Rates of Spinal Cord Tethering and Inclusion Cysts?, <i>Samer K. Elbabaa, United States</i>
15:24	15:32	PF-017 Antenatal Surgery for Myelomeningocele modifies motor functional prognosis? A physical rehabilitation view in a multidisciplinary context, <i>Renata Viana Brigida De Moura Juca, Brazil</i>
15:32	16:04	Session on Fetal II Chairs: William Whitehead, Adrian Caceres

15:32	15:40	PF-018 Risk factors for shunting at 12 months following open fetal repair of spina bifida by mini-hysterotomy, <i>Daniel Dante Cardeal, Brazil</i>
15:40	15:48	PF-019 Development of a simulator for training of fetoscopic myelomeningocele surgery, <i>Jochem Spoor, Netherlands</i>
15:48	15:56	PF-020 Antenatal Surgery for Myelomeningocele modifies motor functional prognosis? A physical rehabilitation view in a multidisciplinary context, <i>Renata Viana Brigido De Moura Juca, Brazil</i>
15:56	16:04	PF-021 Severe hydrocephalus after fetal surgery for lumbar myelomeningocele, <i>Tiago Paiva Cavalcante, Brazil</i>
16:04	17:05	COFFEE BREAK Poster Session 1
17:05	17:45	Session on Technology Chairs: Carlos Dabdoub, Luca Massimi
17:05	17:13	PF-022 Risk Stratification for Post-Traumatic Epilepsy (PTE) with Possible Integration of AI, <i>Noor Ul Huda Maria, Pakistan</i>
17:13	17:21	PF-023 Determining Correlation of Food Intake and Satiety Related Hormones with the Findings of Brain Computerized Tomography (CT) Scans and Psychological Disorders in Children with Mild to Moderate Traumatic Brain Injury, <i>Sina Zoghi, Iran</i>
17:21	17:29	PF-024 GOLD Laser (Indium-Gallium III-Arsenide Phosphide) applications and use in Neurosurgery: Safety and efficacy in 102 patients, <i>David Jimenez, United States</i>
17:29	17:37	PF-025 The Era of Web Based Learning & its Impact on Neurosurgical Training: Do We Need to Listen to the Call of the Void to Take the Leap of Faith?, <i>Noor Ul Huda Maria, Pakistan</i>
17:37	17:45	PF-026 Enhancing the reliability of intraoperative ultrasounds in pediatric space-occupying brain lesions, <i>Paolo Frassanito, Italy</i>
17:45	18:01	Flash Session on Technology Chairs: Carlos Dabdoub, Luca Massimi
17:45	17:48	FL-021 Training in Neurosurgery: Virtual Simulation, <i>Pierre Aurélien Beuriat, France</i>
17:48	17:51	FL-022 3D T2-weighted spin echo sequences with variable flip angle (Cube/SPACE) for the detection and assessment of CSF flow, <i>Sally Price, United Kingdom</i>
17:51	17:54	FL-023 Transtubular micro-endo-assisted approach for intraventricular and deep-seated brain lesions, <i>Sebastian Jaimovich, Argentina</i>
17:54	17:57	FL-024 Application of Neuronavigation and Intraoperative Corticography for Surgery of Focal Cortical Dysplasia: A Single-Center Case Series, <i>Oleksandr Voloshchuk, Ukraine</i>
17:57	18:01	Discussion

Tuesday, October 17, 2023

Hours		Hall A
08:30	09:00	Outcomes in Neurosurgery Session Chairs: Friderick Boop
08:30	08:40	Invited Lecture: Neuropsychological outcomes in Paediatric Neurosurgery Daniela Chieffo
08:40	08:50	TBD
08:50	09:00	Discussion
09:00	10:08	Hydrocephalus Session Chairs: Nelci Zanon, Joachim Manfred Karl Oertel
09:00	09:20	Invited Lecture Uli Thomale
09:20	09:28	PF-027 Brain Elastance Changes in Hydrocephalus Demonstrated by MR Elastography After Shunt Failure, <i>Andrew J Kobets, United States</i>
09:28	09:36	PF-028 Impact of intraventricular hemorrhage symmetry on endoscopic third ventriculostomy with choroid plexus cauterization for posthemorrhagic hydrocephalus: an institutional experience of 50 cases, <i>Victor Lu, United States</i>
09:36	09:44	PF-029 Achondroplasia Natural History Study (CLARITY): 60-year experience with hydrocephalus in achondroplasia from four skeletal dysplasia centers, <i>Jeffrey W Campbell, United States</i>
09:44	09:52	PF-030 The current landscape and proposed application for the use of structural and functional imaging connectivity as a biomarker in hydrocephalus treatment indications and prognosis, <i>Isabela Pena Pino, United States</i>
09:52	10:00	PF-031 Analysis of YouTube videos on hydrocephalus in the local language: Matching content with the needs of caregivers, <i>Ronnie E Baticulon, Philippines</i>
10:00	10:08	PF-032 Shouldn't we be using aspirin in patients with a ventriculoatrial shunt? Borrowing a leaf from other specialities: A case for surrogate evidence An update: 0% distal malfunction, <i>Suhas Udayakumaran, India</i>
10:08	11:08	Flash Session Hydrocephalus Chairs: Abhaya Kulkarni, Artur Henrique Galvao Bruno da Cunha
10:08	10:11	FL-025 Image Quality and Related Outcomes of the ShuntScope for Catheter Implantation in Pediatric Hydrocephalus – Experience of 65 Procedures, <i>Joachim Manfred Karl Oertel, Germany</i>
10:11	10:14	FL-026 The road towards programmable serial valves for pediatric hydrocephalus within the first year of life – A technical analysis, <i>Joachim Manfred Karl Oertel, Germany</i>
10:14	10:17	FL-027 Neuroendoscopic lavage in neonatal hydrocephalus: does one size fit all?, <i>Benjamin Hall, United Kingdom</i>
10:17	10:20	Discussion
10:20	10:23	FL-028 Hydrocephalus in neurofibromatosis type 1 – paediatric case series and systematic review of literature, <i>Francesca Vitulli, Italy</i>
10:23	10:26	FL-029 Low pressure hydrocephalus in children with posterior fossa tumours: not as rare as previously thought?, <i>Guido Patricio Gromadzyn, Argentina</i>
10:26	10:29	FL-030 Prognostic factors for the need of Peritoneal Ventriculoperitoneal Shunt in pediatric patients with Posterior Fossa Tumors in the Instituto de Neurocirugía Asenjo, in Chile, <i>Dario Rostan, Chile</i>
10:29	10:32	FL-031 Neuroendoscopic lavage for the management of neonatal post-haemorrhagic hydrocephalus: an updated retrospective series, <i>Susan Isabel Honeyman, United Kingdom</i>
10:32	10:36	Discussion
10:36	10:39	FL-032 Comparing ETV/CPC and VPS for the treatment of pediatric hydrocephalus in Ghana, <i>Joseline Haizel Cobbina, United States</i>
10:39	10:42	FL-033 The influence of the Covid-19 pandemic on the shunt revision rate in children, <i>Martina Messing Jünger, Germany</i>
10:42	10:45	FL-034 Prospective Evaluation of Explanted VP-Shunt Valves in Pediatric Hydrocephalus Patients, <i>Ulrich Wilhelm Thomale, Germany</i>
10:45	10:48	FL-035 When is the radiological report of the posterior fossa containing a cyst/cystic like CSF collection of clinical or surgical significance?, <i>J Gordon McComb, United States</i>
10:48	10:52	Discussion

10:52	10:55	FL-036 Management of Hydrocephalus Following Pediatric Brain Tumor Surgery: the Role of Ventriculoperitoneal Shunts compared to Endoscopic Third Ventriculostomies, <i>Melissa A Lopresti, United States</i>
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10:55	10:58	FL-037 Non-Invasive Intracranial Compliance Monitoring Technology for Pediatric Neurosurgery Outpatients: An Evaluation Study, <i>Nelci Zanon, Brazil</i>
10:58	11:01	FL-038 Effect of infantile hydrocephalus on visuospatial and visuomotor networks, <i>Sandrine De Ribaupierre, Canada</i>
11:01	11:04	FL-039 Nuclear Medicine Shunt Study to Assess Shunt Function: A 20 Year Experience, <i>Michael Handler, United States</i>
11:04	11:08	Discussion
11:08	11:40	COFFEE BREAK
11:40	12:29	Session on Global Chairs: Teddy Totimeh
11:40	12:05	Invited Lecture Graciela Zuccaro
12:05	12:13	PF-033 A national survey of Brazilian neurosurgeons on patient advice regarding participation in contact sports in children with disorders of cerebrospinal fluid circulationm abstracts, <i>Gustavo Cordeiro Daniel, Brazil</i>
12:13	12:21	PF-034 Modular toolkit for development of effective, ethical and equitable global neurosurgery education and collaboration, <i>James M Johnston, United States</i>
12:21	12:29	PF-035 Pediatric epilepsy surgery in Latin-America, <i>Manuel Campos, Chile</i>
12:29	13:01	Flash Session on Global Chairs: Teddy Totimeh
12:29	12:32	FL-040 Global Trends and Decision Making in the Management of Arachnoid Cysts, <i>Pramath Kakodkar, Canada</i>
12:32	12:35	FL-041 2 To 20-Year Myelomeningocele Follow-Up Outcomes from a Referral Center in Southern Iran: Shiraz experience, <i>Reza Taheri, Iran</i>
12:35	12:38	FL-042 Evolution and Advancements in Pediatric Neurosurgery in India: A Pictorial Journey, <i>Pulkit Sharma, India</i>
12:38	12:41	FL-043 Characteristics and Clinical Outcomes of Pediatric Malignant Intracranial Tumor Patients in a Tertiary Hospital in the Philippines from January 2020 to December 2022 during the COVID-19 Pandemic Period, <i>Maurice V Bayhon, Philippines</i>
12:41	12:45	Discussion
12:45	12:48	FL-044 Local/Global Information Sharing Of Assistive Technology Solutions Developed By People With Spina Bifida, <i>Zulma Tovar Spinoza, United States</i>
12:48	12:51	FL-045 Bulgarian Society of Pediatric Neurosurgery (BSPN)- building a brighter future for pediatric patients in Bulgaria, <i>Yavor Petkov Enchev, Bulgaria</i>
12:51	12:54	FL-046 Pediatric Neurosurgery in Mongolia, <i>Saadi Ghatan, United States</i>
12:54	12:57	FL-047 The consequences of the COVID-19 pandemic on pediatric neurosurgery in the Middle East, <i>Reza Taheri, Iran</i>
12:57	13:01	Discussion
13:01	13:31	Presidential Address
13:01	13:06	Introduction to Presidential Address TBD
13:06	13:31	Presidential Address Wan Tew Seow
		FREE AFTERNOON

Wednesday, October 18, 2023

Hours			Hours		
08:30 10:14			08:30 09:26		
Session on Craniofacial Chairs:			Session on Epilepsy I Chairs: Andres Goycoolea, Robert Keating		
08:30	08:50	Invited lecture Chris Parks	08:30	08:38	PF-044 Impact of molecular profiling on the diagnosis and management of children undergoing epilepsy surgery, Rebecca Chave Cox, Australia
08:50	09:10	Invited lecture TBD	08:38	08:46	PF-045 Prognostic factors for seizure control in 40 patients undergoing functional hemispherectomy, Manuel G Campos, Chile
09:10	09:18	PF-036 Craniofacial Retraction Embryology and the Evolutionary Power of the Mandible, Alexandra R Kunz, United States	08:46	08:54	PF-046 Multistage epilepsy surgery approach for drug-resistant tuberous sclerosis complex-associated epilepsy in children, Farhad Berdinov, Russia
09:18	09:26	PF-037 The Near InfraRed Spectroscopy: A device to monitor the child during surgical correction of scaphocephaly, Federico Di Rocco, France	08:54	09:02	PF-047 The natural history of postoperative hydrocephalus after pediatric hemispherectomy for medically refractory epilepsy: an institutional experience, Victor Lu, United States
09:26	09:34	PF-038 Oxycephaly: clinical phenotype descriptions and outcome differences depending on the surgical treatment, Giovanna Paternoster, France	09:02	09:10	PF-048 Outcome of Surgical Management of Refractory Epilepsy in Children with Low Grade Neoplastic lesions, Ahmed A Marei, Egypt
09:34	09:42	PF-039 The closure of the bregmatic fontanel: quantitative analysis using 3D scanners, Matthieu Vinchon, France	09:10	09:18	PF-049 Epilepsy Surgery for Children With Low-Grade Epilepsy-Associated Tumors, Dong Seak Kim, South Korea
09:42	09:50	PF-040 Sagittal Sinus venous outflow assessment in 75 syndromic craniosynostosis patients who underwent posterior vault distraction osteogenesis (PVDO), João Pedro Leite Pereira, Brazil	09:18	09:26	PF-050 Intraoperative high field MR (3Tesla) imaging for epilepsy and tumors in pediatric neurosurgery, Karl Roessler, Austria
09:50	09:58	PF-041 Categorizing the Venous Anatomy of Craniopagus Twins, Adisson Nostradamous Fortunel, United States	09:26	10:14	Session on Epilepsy II Chairs: German Posadas Narro, Christian Dorfer
09:58	10:06	PF-042 Long-term Outcomes and Reinterventions in 116 Craniostenosis Cases: A Comprehensive Study with 8.8 Years of Follow-up, Ingrid Trujillo Ramos, Chile	09:26	09:34	PF-051 MRI Guided Focused Ultrasound Ablation for Symptomatic Hypothalamic Hamartoma in Children and Young Adults, John Ragheb, United States
10:06	10:14	PF-043 Long-Term Surgical Outcome in Management of Unicoronal Synostosis Patients, Christopher Parks, United Kingdom	09:34	09:42	PF-052 Accuracy of Different Registration Techniques in Robot-Assisted Stereoelectroencephalography Electrode Placement in Children, Anzhela D Moskalik, United States
10:14	10:42	Flash Session Craniofacial Chairs: Giovanna Paternoster, Giselle Coelho(?)	09:42	09:50	PF-053 Advantages of Laser induced thermal therapy (LITT) in children suffering from refractory epilepsy using a 3T intraoperative MRI Suite, Karl Roessler, Austria
10:14	10:17	FL-048 Patient tailored surgery in Saethre-Chotzen Syndrome: Analysis of reoperation for intracranial hypertension, Arthur Robert Kurzbuch, United Kingdom	09:50	09:58	PF-054 Concordance Between Wada, TMS and MEG in Determining Hemispheric Dominance for Language: A Retrospective Study, Negar Noorizadeh, United States
10:17	10:20	FL-049 Surgical Correction of Intracranial Dermoids – Single Centre 12 Year Cohort, Chloé Louise Gelder, United Kingdom	09:58	10:06	PF-055 Overlapping of spike and ripple propagation onset predicts the epileptogenic zone and surgical outcome in children with drug resistant epilepsy, Christos Papadelis, United States
10:20	10:23	FL-050 Incidence and clinical relevance of the association between trigonocephaly and Sylvian fissure arachnoid cysts, Federico Bianchi, Italy	10:06	10:14	PF-056 Long-term seizure outcomes following epilepsy surgery in children and adolescents with drug refractory temporal lobe epilepsy, Manas Panigrahi, India
10:23	10:26	Discussion	10:14	10:46	Flash Session Epilepsy Chairs: Jonathan Roth, Zulma Tovar-Spinoza
10:26	10:29	FL-051 Malrotation and Fibroblast Growth Factor Receptor-2 associated craniosynostosis: an under-recognised association and management pathway, Christopher Parks, United Kingdom	10:14	10:17	FL-055 Demonstrate utility of MRI 3D brain vessel maps in epilepsy surgery cases performed at an Australian pediatric hospital, Aasheen Munshay, Australia
10:29	10:32	FL-052 Structural Per-Cutaneous Fat Grafting Following Craniosynostosis Repair, David Leshem, Israel	10:17	10:20	FL-056 Automatic Path Planning for Stereotactic Hippocampal Targeting in Pediatric Epilepsy Surgery with Optimized Penetration, Chima Oluigbo, United States
10:32	10:35	FL-053 Comparative analysis of the results of treatment of non-syndromic craniosynostosis in children older than 2 years (our experience), Dmitry A. Reshchikov, Russia	10:20	10:23	FL-057 HDEEG, Stereo-EEG and EcoG as combined tools in the identification of the epileptogenic area in Pediatric Epileptogenic Brain Tumors, Gianpiero Tamburrini, Italy
10:35	10:38	FL-054 The role of helmet therapy in craniosynostosis: a systematic review, Fatima Suleman, Pakistan	10:23	10:26	FL-058 Epilepsy surgery in tuberous sclerosis: An overview of neurosurgical concerns in a low-income country, Mohammad Sadegh Masoudi, Iran
10:38	10:42	Discussion	10:26	10:30	Discussion
			10:30	10:33	FL-059 EEG monitoring during Radiofrequency-thermocoagulation in pediatric epilepsy surgery. Case series and review of the literature, Sandrine de Ribaupierre, Canada
			10:33	10:36	FL-060 DNA Methylation Profiling Identifies Epigenetic Subclasses of Focal Cortical Dysplasia in Pediatric Patients with Treatment-Resistant Epilepsy, Varshini Vasudevaraja, United States
			10:36	10:39	FL-061 Post-Mortem Protocols of Implantable Neuromodulation Devices: a Survey of Manufacturer Device Manuals, Jeffrey Steven Raskin, United States
			10:39	10:42	FL-062 One-year seizure-freedom in children treated with adjunctive vagus nerve stimulation in Japan, Maxine Dibué, Germany
			10:42	10:46	Discussion
10:42	11:15	COFFEE BREAK			

11:15	12:07	Session on Craniofacial II Chairs: Tatiana Protzenko Cervante, Alan Cohen	11:15	11:55	Session on SDR Chairs: John R Goodden, Syril James
11:15	11:35	Invited lecture: Eric Arnaud	11:15	11:23	PF-061 SDR for GMFCS IV and V, the Necker Enfants Malades Hopital experience from 2019 to 2022, <i>Syrl James, France</i>
11:35	11:43	PF-057 Multimodal Management of the Severe Multisuture Synostosis Paediatric Patient – The Alder Hey Protocol, <i>Christopher Parks, United Kingdom</i>	11:23	11:31	PF-062 Quantitative differences in triggered electromyography during selective dorsal rhizotomy in children with spastic cerebral palsy of different motor functions, <i>Wenbin Jiang, China</i>
11:43	11:51	PF-058 Multimodal outcomes of early open extended midline strip craniectomy with bilateral micro-barrel staving for correction of isolated nonsyndromic sagittal synostosis, <i>Christopher Parks, United Kingdom</i>	11:31	11:39	PF-063 Spasticity, urinary dysfunction and constipation after Selective dorsal rhizotomy in cerebral palsy, <i>Kevin Fernando Venegas, Belarus</i>
11:51	11:59	PF-059 Long-term Outcomes of Non-syndromic and Syndromic Craniosynostosis: Analysis of Demographic, Morphologic, and Surgical Factors in Indian Population, <i>Tarunesh Sharma, India</i>	11:39	11:47	PF-064 Intrathecal Baclofen Test Dose followed by Observational Gait Video Analysis for Determining Selective Dorsal Rhizotomy Versus Baclofen Pump in Borderline Ambulatory Patients with Spasticity, <i>Charles Corbett Wilkinson, United States</i>
11:59	12:07	PF-060 Update on the management of orbital tumors in children, <i>Luca Massimi, Italy</i>	11:47	11:55	Invited Lecture: An International Collaborative Approach to Predicting Success in Selective Dorsal Rhizotomy: SSeDR, Benedetta Pettorini
12:07	12:59	Flash Session Craniofacial II Chairs: Davidson, Federico di Rocco	11:55	12:51	Session on Vascular Chairs: Gabriel Campos, Laura Lee Lehman
12:07	12:10	FL-063 Raised intracranial pressure management in craniosynostosis – a single centre review over 16 years, <i>Fozia Saeed, United Kingdom</i>	11:55	12:03	PF-065 At-risk phenotypes for delayed hemorrhage after successful revascularization surgery in children with moyamoya: follow-up of Dr. R. Michael Scott's series, <i>Alfred Pokmeng See, United States</i>
12:10	12:13	FL-068 Management of craniosynostosis after 18 months of age. Why so late?: Clinical findings, outcomes and surgical results, <i>Garcia Guillermo, Mexico</i>	12:03	12:11	PF-066 Synthetic CT Perfusion Scans: Modeling Contrast Flow for Higher Resolution and Lower Dose CT Perfusion, <i>Andrew Abumoussa, United States</i>
12:13	12:16	FL-069 Smad6 gene variants in craniosynostosis patients: Comparative study on the neurodevelopment outcomes, <i>Isabelle Verlut, France</i>	12:11	12:19	PF-067 Transarterial and transvenous curative embolization of brain arteriovenous malformations in pediatric patients, <i>Giancarlo Saal, Peru</i>
12:16	12:19	Discussion	12:19	12:27	PF-068 Endothelial progenitor cell-derived conditioned medium ameliorates chronic cerebral ischemic injury via macrophage migration inhibitory factor-mediated pathway, <i>Meng Fai Kuo, Taiwan</i>
12:19	12:22	FL-070 Exo-endoscopic surgical treatment of craniosynostosis, <i>Iurii Alekseevich Iakimov, Russia</i>	12:27	12:35	PF-069 Bifrontal indirect bypass surgery in pediatric moyamoya disease: craniotomy versus multiple burr hole encephalogalectomyperiosteal-synangiosis, <i>Seung Ki Kim, South Korea</i>
12:22	12:25	FL-071 Three-Dimensional Printed Skulls Improve Caregiver Education on Craniosynostosis: A Randomized Controlled Trial, <i>Katherine J Zhu, United States</i>	12:35	12:43	PF-070 Neurosurgical insights of neoangiogenesis in children with Moyamoya disease, <i>Vasily Lukshin, Russia</i>
12:25	12:28	FL-072 Proposal for a Novel Design of Biodegradable Posterior Cranial Vault Distractor – A Global Application, <i>Mohammed A. Fouda, United States</i>	12:43	12:51	PF-071 Intraoperative Quantitative EEG Monitoring for Prediction of Early Postoperative Ischemic Complications in Pediatric Moyamoya Disease, <i>Eun Jung Koh, South Korea</i>
12:28	12:31	Discussion	12:51	13:07	Flash Session on Vascular Chairs: Gabriel Campos, Laura Lee Lehman
12:31	12:34	FL-073 Comparative analysis of surgical techniques for the treatment of scaphocephaly: An evaluation of aesthetic outcomes, <i>Paulo Ronaldo Jubé, Brazil</i>	12:51	12:54	FL-076 Anesthetic management and clinical outcome of indirect bypass of 433 children with Moyamoya disease: A retrospective analysis, <i>Heesoo Kim, South Korea</i>
12:34	12:37	FL-074 Outcomes of the early endoscopic-assisted suturectomy for treatment of multisuture craniosynostosis, <i>Reza Taheri, Iran</i>	12:54	12:57	FL-077 Multimodal intraoperative monitoring of cerebral blood flow during bypass surgery in children with Moyamoya disease, <i>Anna Shulgina, Russia</i>
12:37	12:40	FL-075 Twenty years of craniofacial distraction osteogenesis with rigid distractors for the treatment of syndromic craniosynostosis, <i>Ricardo Santos De Oliveira, Brazil</i>	12:57	13:00	FL-078 Management of paediatric intracranial aneurysms, <i>Fozia Saeed, United Kingdom</i>
12:40	12:43	Discussion	13:00	13:03	FL-079 Arteriovenous Malformations in Children - A Series of 61 Cases, <i>Hamilton Matushita, Brazil</i>
12:43	12:46	FL-064 A Multicenter Study Comparing Long-term Anthropometric and Cognitive Outcomes in Sagittal Craniosynostosis after Open Vault Surgery versus Endoscopic Strip Craniectomy, <i>Suresh N Magge, United States</i>	13:03	13:07	Discussion
12:46	12:49	FL-065 Cranio cervical instability in syndromic craniofacial patients, <i>Syrl James, France</i>			
12:49	12:52	FL-066 Positional Plagiocephaly: a prospective anthropometric study, <i>Maria Belen Vega, Argentina</i>			
12:52	12:55	FL-067 Management of sagittal and coronal Synostosis. Our first experience in a tertiary public hospital low-income (Ecuador), <i>Ismael Jose Moreno, Ecuador</i>			
12:55	12:59	Discussion			
12:59	14:00	LUNCH			

13:10	13:55	Industry Luncheon Symposium	13:10	13:55	Industry Luncheon Symposium
14:00	14:35	President's Invited Guest			
14:00	14:05	Introduction to President's Invited Guest Wan Tew Seow			
14:05	14:35	President's Invited Guest Lecture TBD			
14:35	14:45	ISPN 2024 Meeting			
14:35	14:45	ISPN 2024 Canada			
14:45	15:45	Business Meeting (all ISPN society members)			
15:45	16:45	COFFEE BREAK Poster Session 2			
20:00	23:00	49TH ANNUAL SOCIETY NETWORKING DINNER Farewell to ISPN 2023 Chile & Poncho Ceremony			

Thursday, October 19, 2023

Hall A		
08:30	08:40	Raimondi Award Presentation Chairs: TBD
08:30	08:40	Raimondi Awardee
08:40	09:20	Top Abstracts Session Chairs: Kemel A. Ghotme, Eylem Ocal
08:40	08:47	PF-072 Proposing a new classification system for spinal dysraphism to stimulate discussion- based on a personal experience of 400 cases, <i>Sandip Chatterjee, India</i>
08:47	08:50	Discussant: Dominic Thompson
08:50	08:57	PF-073 Avoiding VP shunt in syndromic faciocraniosynostosis: 20 years' experience in Necker Hospital, <i>Giovanna Paternoster, France</i>
08:57	09:00	Discussant: Ricardo Santos de Oliveira
09:00	09:07	PF-074 Pre and postnatal care characteristics and management features of children born with myelomeningocele in the post-folate fortification era of staple foods in Costa Rica (2004-2022), <i>Adrian Caceres, Costa Rica</i>
09:07	09:10	Discussant: Kemel A. Ghotme
09:10	09:17	PF-075 The added value of Corpus Callosotomy following Vagal Nerve Stimulator implantation in children with Lennox-Gastaut Syndrome: A multicenter, multinational study, <i>Jonathan Roth, Israel</i>
09:17	09:20	Discussant: Zulma Tovar-Spinoza
09:20	09:50	Controversies on Craniocervical Junction Session Chairs: Osvaldo Koller, Richard C.E. Anderson
09:20	09:30	Invited lecture: Long term outcomes of posterior calvarial augmentation for Chiari & Syringomyelia <i>Gurish Solanki</i>
09:30	09:40	Invited lecture <i>Alison Wray</i>
09:40	09:50	Discussion
09:50	10:14	Session on craniocervical junction Chairs: Osvaldo Koller, Richard C.E. Anderson
09:50	09:58	PF-076 CHIARI I MALFORMATION: SHOULD WE OPERATE PICTURES OR CHILDREN? Follow-up of a large pediatric monoinstitutional series, <i>Laura Grazia Valentini, Italy</i>
09:58	10:06	PF-077 Overcoming the challenges in management of pediatric congenital craniovertebral junction instability, <i>Pravin Salunke, India</i>
10:06	10:14	PF-078 Risk factors for fusion failure in children undergoing occiput to C2 rigid instrumentation and fusion, <i>Richard Anderson, United States</i>
10:14	10:30	Flash Session CCJ Chairs: Osvaldo Koller, Richard C.E. Anderson
10:14	10:17	FL-080 Foramen magnum stenosis in achondroplasia-who really needs decompression?, <i>Ryo Ando, Japan</i>
10:17	10:20	FL-081 Pediatric Atlanto axial dislocation: Surgical decision making, unique challenges and outcome, <i>Suchanda Bhattacharjee, India</i>
10:20	10:23	FL-082 Management of cervical kyphosis in the pediatric age group- An experience of 85 cases, <i>Khizar Uz Zaman Syed, India</i>
10:23	10:26	FL-083 Use of 3D printed model in surgical planning of pediatric spine disorders, <i>Joaquín Bustos, Chile</i>
10:26	10:30	Discussion
10:30	11:00	COFFEE BREAK

11:00	11:40	Session on Spinal Dysraphisms Chairs: Sergio Cavalheiro, Dominic Thompson
11:00	11:08	PF-079 The effect of intraoperative neuromonitoring in secondary tethered cord syndrome in patients with myelomeningocele, <i>Gesa Cohrs, Germany</i>
11:08	11:16	PF-080 Radical resection of lumbosacral lipomas in children: the Necker experience, <i>Luca Fumagalli, France</i>
11:16	11:24	PF-081 Midline laminoplastic approach through the spinous section in children with the spinal cord pathology (392 cases), <i>Maria Tembolatovna Karsanova, Russia</i>
11:24	11:32	PF-082 Management of neural tube defects in a Sub-Saharan African country: the current situation in Ghana, <i>Megan Still, United States</i>
11:32	11:40	PF-083 Beyond “intraoperative”- Concept of monitorability and normative baseline to build a prognostication model based on intraoperative neuromonitoring during surgery for tethered cord , <i>Suhas Udayakumaran, India</i>
11:40	12:08	Flash Session on Dysraphisms Chairs: Sergio Cavalheiro, Dominic Thompson
11:40	11:43	FL-084 Prevalence of neural tube defects among pregnant women in Addis Ababa: a community-based study using prenatal ultrasound examination, <i>Abenezer Tirsit Aklilu, Ethiopia</i>
11:43	11:46	FL-085 Management of myelomeningocele and associated hydrocephalus; an institutional experience, <i>Bamidele Oludele Adebayo, Nigeria</i>
11:46	11:49	FL-086 Sagittal spinopelvic alignment in tethered cord syndrome and split cord malformation, <i>Beste Gulsuna, Türkiye</i>
11:49	11:52	Discussion
11:52	11:55	FL-087 Prevention of retethering in untethering surgery of a tight filum terminale, <i>Hideki Ogiwara, Japan</i>
11:55	11:58	FL-088 Split laminotomy technique for all types of spinal dysraphism in children, should it be the standard of care?, <i>Jose Ascencion Arenas Ruiz, Mexico</i>
11:58	12:01	FL-089 Controversies in Closed Spinal Dysraphisms’ surgery: results in a pediatric series with delayed diagnosis and treatment, <i>Laura Grazia Valentini, Italy</i>
12:01	12:04	FL-090 Spina Bifida and other Dysraphisms ORPHANET classification Update, <i>Timothée De Saint Denis, France</i>
12:04	12:08	Discussion
12:08	12:22	Handover Ceremony Flag Hand-Over to Canada
		END OF ISPN 2023 ANNUAL MEETING