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## Monday 24 October 2016

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**25 October 2016**  
**Tuesday**

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**26 October 2016**  
**Wednesday**

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**27 October 2016**  
**Thursday**

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Hours	Hall A	Hall B
08:00 - 08:30	Opening Ceremony	
08:30 - 09:00	<b>Plenary session 1: Fetal diagnosis and management</b> Chair:	
	08:30-08:40 ISPN @ 44: historical reflection, <i>Tad Tomita (USA)</i>	
	08:40-09:00 Prenatal diagnosis of CNS anomalies, <i>Ritsuko Pooh (JAPAN)</i>	
09:00 - 09:32	<b>Platform presentations 1: Fetal diagnosis and management</b> Chair:	
	09:00-09:08 PF-001 Zika Virus Fetal Encephalitis Outbreak: What Is the role of the Pediatric Neurosurgeon In the response strategy? <i>Carlos Eduardo Jucá (BRAZIL)</i>	
	09:08-09:16 PF-002 First 50 Fetal In-Utero Microsurgical Myelomeningocele Repairs: Critical Comparison of Neurosurgical and Maternal Outcomes To The MOMS Trial. <i>Samer K Elbabaa (USA)</i>	
	09:16-09:24 PF-003 Lessons learned after 180 fetal surgeries for myelomeningocele. <i>Sergio Cavalheiro (BRAZIL)</i>	
	09:24-09:32 PF-004 First Year Neurologic Outcome After Fetal Surgery.	

	<b>Huseyin Canaz (TURKEY)</b>	
09:32 - 10:00	<b>Flash session 1: Fetal diagnosis and management</b> Chair:	
	FL-001 Fetal Closed Spinal Malformations - detection and outcome. <i>Liana Adani Beni (ISRAEL)</i>	
	FL-002 Three-Dimensional Modeling of Fetal Myelomeningocele. <i>Michael H Handler (USA)</i>	
	FL-003 A New Method for Evaluating Myelomeningocele Lesion Level in Fetuses. <i>Daisuke Sakamoto (JAPAN)</i>	
	FL-004 Fetal ventriculomegaly: External validity of a fetal MRI-based model to predict the need for post-natal CSF diversion. <i>Jared M. Pisapia (USA)</i>	
	FL-005 Prenatal closure of myelomeningoceles: does it reduce the need for VP shunts? <i>Paul A. Grabb (USA)</i>	
	09:50-10:00 Discussion/ Ethics of Fetal Interventions	
10:00 - 10:30	<b>COFFEE BREAK</b>	
10:30 - 11:00	<b>Plenary Session 2: Spine and Craniofacial</b> Chair:	
	10:30-11:00 Myelocystocele, KC Wang (KOREA), Dachling Pang (USA)	
11:00 - 12:20	<b>Platform presentations 2: Spine and Craniofacial</b> Chair:	<b>Parallel session 1: Nursing I</b>
	11:00-11:08 PF-005 New classification of spinal lipomas based on embryonic stage. <i>Nobuhito Morota (JAPAN)</i>	10:30-12:50 program to follow
	11:08-11:16 PF-006 Histopathology of the filum terminale in children with and without tethered cord syndrome with attention to the elastic tissue within the filum. <i>Paul Steinbok (CANADA)</i>	
	11:16-11:24 PF-007 More than traction? New insights into the pathophysiology of "Tethered Cord Syndrome". <i>Friederike Knerlich Lukoschus (GERMANY)</i>	
	11:24-11:32 PF-008 The management of craniocervical junction abnormalities in skeletal dysplasia: experience of a single institute. <i>Ryo Ando (JAPAN)</i>	
	11:32-11:40 PF-009 Bladder control in children with spinal dysraphism. <i>Gerald F Tuite (USA)</i>	

	<p>11:40-11:48  <b>PF-010 Craniovertebral Instability: A Description Of a New Syndrome.</b>  <i>Harold Rekate (USA)</i></p>	
	<p>11:48-11:56  <b>PF-011 Significance of increased initial pB-C2 distance on radiographic outcomes in Chiari Type 1 malformation.</b>  <i>Richard Aaron Robison (USA)</i></p>	
	<p>11:56-12:04  <b>PF-012 Growth and Alignment Following Subaxial Cervical Spine Instrumentation and Fusion in Pediatric Patients: Preliminary Results From A Multi-Institutional Study of the Pediatric Craniocervical Society.</b>  <i>Richard Anderson (USA)</i></p>	
	<p>12:04-12:12  <b>PF-013 Safety and Efficacy of Posterior Hemivertebrectomy in Congenital scoliosis in Children.</b>  <i>Sandip Chatterjee (INDIA)</i></p>	
	<p>12:12-12:20  <b>PF-014 Intraoperative neurophysiological monitoring in brainstem and complex spinal surgery: optional or mandatory?</b>  <i>Guirish Solanki (UK)</i></p>	
12:20 - 12:50	<p><b>Plenary Session 2 (continue): Spine and Craniofacial</b>  <b>Chair:</b></p>	
	<p>12:20-12:50  <b>Genetics of craniosynostosis,</b>  <i>Maximilian Muenke (USA)</i></p>	
12:50 - 14:00	<p><b>LUNCH</b></p>	<b>LUNCH</b>
	<p><b>Luncheon symposium 1</b>  <b>Chair:</b></p>	<b>Luncheon symposium 2</b> <b>Chair:</b>
	<p>13:00 - 14:00  <b>Visualisation of CSF dynamics using MRI,</b>  <i>Shinya Yamada</i></p>	<p>13:00 - 14:00  <b>TBA</b></p>
14:00 - 14:15	<p><b>Plenary Session 3: Craniofacial   Epilepsy &amp; Functional</b>  <b>Chair:</b></p>	
	<p>14:00-14:15  <b>The genetics of epilepsy: a practical guide for the neurosurgeon,</b>  <i>James Rutka (CANADA)</i></p>	
	<p><b>Platform Presentations 3: Craniofacial   Epilepsy &amp; Functional</b>  <b>Chair:</b></p>	<b>Parallel session 2: Nursing II</b>
	<p>14:15-14:23  <b>PF-015 Epilepsy Surgery in Pediatric Intractable Epilepsy with Destructive Encephalopathy.</b>  <i>Dong Seok Kim (KOREA)</i></p>	
	<p>14:23-14:31  <b>PF-016 Callosotomy for drop events and Peri-Insular Hemispherotomy</b></p>	

14:15 - 15:20	<p>following neonatal strokes are highly effective single stage operations in Pediatric Epilepsy Surgery. <i>Jeffrey P. Blount (USA)</i></p>	
	<p>14:31-14:39 PF-017 Epilepsy associated glioneuronal tumours in children: is it time for a more aggressive management strategy? <i>Martin Miles Tisdall (UK)</i></p>	
	<p>14:39-14:47 PF-018 Predicting successful antiepileptic drug withdrawal in children after epilepsy surgery. <i>Michal Tichy (CZECH REPUBLIC)</i></p>	
	<p>14:47-14:55 PF-019 The RUNX2 master gene in nonsyndromic craniosynostosis: insights from molecular biology towards the prediction of site and time of suture closure. <i>Wanda Lattanzi (ITALY)</i></p>	
	<p>14:55-15:03 PF-020 Preoperative complete cognitive evaluation in children operated on for single suture craniosynostoses: early recognition and rehabilitation of selective impaired functions contribute to an improvement of long term neurodevelopmental outcome. <i>Daniela Chieffo (ITALY)</i></p>	
	<p>15:03-15:11 PF-021 Intraoperative administration of <math>\epsilon</math>-aminocaproic acid is associated with reduced blood loss in children undergoing craniofacial reconstructive surgery: a retrospective analysis. <i>Robert Keating (USA)</i></p>	
	<p>15:11-15:19 PF-022 Neuroradiological management and surgical decision making for separation of craniopagus twins. <i>James Tait Goodrich (USA)</i></p>	
15:20 - 16:00	<p>Break   Poster Session I Moderators:</p>	
16:00 - 16:30	<p>Special Symposium 1: Epilepsy &amp; Functional: Selective Dorsal Rhizotomy Chair:</p>	<p>Platform Presentations 4: Craniofacial Chair:</p>
	<p>16:00-16:05 PF-023 Outcomes of selective dorsal rhizotomy for children with spastic cerebral palsy using multi-level laminoplasty versus single-level laminectomy. <i>Sui To Wong (HONG KONG)</i></p>	<p>16:00-16:08 PF-032 Decompressive cranioplasty for mild metopic suture synostosis with clinical symptoms can improve function of the frontal lobe. -A prospective dual institutional analysis including a natural history period. <i>Kazuaki Shimoji (JAPAN)</i></p>
	<p>16:05-16:10 PF-024 Long Term Impact of Selective Dorsal Rhizotomy On The Quality Of Life Of Ambulant Children With Diplegic Cerebral Palsy. <i>Marina Pitsika (UK)</i></p>	<p>16:08-16:16 PF-033 The surgical selection of distraction osteogenesis for craniosynostosis in our facility. <i>Hirokatsu Osawa (JAPAN)</i></p>
	<p>16:10-16:15 PF-025 SDR in patients with severe spasticity with GMFCS 4-5: Results</p>	<p>16:16-16:24 PF-034 Correction of Nasal Angulation in Children with Unilateral</p>

	<p>and Lessons learnt. <i>Liana Adani Beni (ISRAEL)</i></p>	<p>Coronal Synostosis. <i>Hamilton Matushita (BRAZIL)</i></p>
	<p>16:15-16:20 PF-026 Selective dorsal rhizotomy for hereditary spastic paraparesis in children. <i>Julia Sharma (CANADA)</i></p>	
	<p>16:20-16:30 Discussion</p>	
	<p>Platform Presentations 5: Epilepsy &amp; Functional Chair:</p>	<p>Flash Session 2: Craniofacial Chair:</p>
	<p>16:30-16:38 PF-027 Effects of focal brain cooling in patients with intractable epilepsy: changes in intraoperative electrocorticogram and neurotransmitter concentrations. <i>Sadahiro Nomura (JAPAN)</i></p>	<p>FL-017 Craniopagus surgery as an emergency. <i>Farideh Nejat (IRAN)</i></p> <p>FL-018 Frequency and age distribution of accessory cranial sutures in the parietal and occipital bones. <i>Takumi Yamanaka (JAPAN)</i></p>
	<p>16:38-16:46 PF-028 Altered regional homogeneity in epileptic patients with infantile spasm: a resting-state fMRI study. <i>Qian Chen (CHINA)</i></p>	<p>FL-019 Craniosynostosis versus Early Fontanel Closure: Can Misconceptions Influence Referral and Surgery Timing? <i>Carlos Eduardo Jucá (BRAZIL)</i></p>
	<p>16:46-16:54 PF-029 The role of Intraoperative MRI in influencing the outcomes of Resective Epilepsy Surgery-An Initial experience. <i>Santosh Mohan Rao Kanangi (UK)</i></p>	<p>FL-020 Complications following Intracranial Pressure Monitoring in Children with craniosynostosis: a single centre experience. <i>Ruichong Ma (UK)</i></p>
16:30 - 17:10	<p>16:54-17:02 PF-030 Comparison in outcomes between corpus callosotomy and vagus nerve stimulation for medically refractory epilepsy in children. <i>Takamichi Yamamoto (JAPAN)</i></p>	<p>FL-021 Is the previous concept true that intracranial pressure is low in microcephalic children? - the results of the Camino cortical intracranial pressure monitoring in 24 microcephalic children with developmental delay. <i>Soo Han Yoon (KOREA)</i></p> <p>Discussion</p>
	<p>17:02-17:10 PF-031 Surgical Management of Hypothalamic Hamartomas with Epilepsy: A 5-year experience with 92 cases. <i>Chunde Li (CHINA)</i></p>	<p>16:50-17:10 FL-022 Does the addition of Barrel Staves improve results in Endoscopic Strip Craniectomy for Sagittal Craniosynostosis? <i>Suresh N. Magge (USA)</i></p> <p>FL-023 Management of sagittal craniosynostosis in Mansoura University Hospital: Assessment of two surgical techniques. <i>Hatem Ibrahim Badr (EGYPT)</i></p> <p>FL-024 Risk Factors for Preoperative Developmental Delays in Sagittal Craniosynostosis. <i>Eisha Anne Christian (USA)</i></p> <p>FL-025 Risk for Chiari Malformation Type 1 in Sagittal Synostosis treated by an open technique. <i>Laura Valentini (ITALY)</i></p> <p>FL-026 Outcome 25 years after surgery for scaphocephaly. <i>Niina Salokorpi (FINLAND)</i></p> <p>Discussion</p>

**Flash Session 3: Epilepsy & Functional****Chair:**

FL-006 99mTc -HMPAO SPECT co-registered to MRI in children candidate for epilepsy surgery.

*Morten Ziebell (DENMARK)*

FL-007 Surgical Outcome and Neurocognitive Development after Surgery in Infantile Intractable Epilepsy Patients.

*Ju Seong Kim (KOREA)*

FL-008 Epilepsy surgery in children below five years ----An institutional experience. *Milind Sankhe (INDIA)*

FL-009 The features of pediatric epileptic surgery.

*Haruhiko Kishima (JAPAN)*

FL-010 Tailored Supra Insular partial hemispherotomy: a new functional disconnecting technique for stroke-induced refractory epilepsy.

*Didier Scavarda (FRANCE)*

*Discussion*

FL-011 Callosotomy in children - complications and perioperative blood loss.

*Daniel T. Nilsson (SWEDEN)*

FL-012 Long-term seizure remission and developmental gains after total corpus callosotomy in children with intractable epilepsy.

*Masaki Iwasaki (JAPAN)*

FL-013 Clinical outcome of total corpus callosotomy in a single epilepsy centre.

*Hsin Hung Chen (TAIWAN)*

FL-014 VNS revision surgery in children.

*Erwin M. J. Cornips (THE NETHERLANDS)*

FL-015 Surgery for temporal lobe epilepsy - MR guided laser ablation or temporal lobectomy.

*Sanjiv Bhatia (USA)*

FL-016 MRI Laser ablation for Cavernomas in Children: Initial experience in 6 cavernomas and technical notes.

*Zulma Sarah Tovar Spinoza (USA)*

*Discussion*

17:10 – 17:30

FL-027 MCDO (Multi-directional cranial distraction osteogenesis) system for craniosynostosis.

*Akira Gomi (JAPAN)*

FL-028 Computer-assisted shape descriptors for skullmorphology in craniosynostosis.

*Kyu Won Shim (KOREA)*

FL-029 Skull comparison using curvature maps: first step in the development of fully objective, automated surgical planning techniques.

*Manon L Tolhuizen (THE NETHERLANDS)*

FL-030 Radiation-free 3D head shape and volume evaluation after endoscopically assisted trigonocephaly surgery.

*Hans Delye (THE NETHERLANDS)*

FL-031 Results of craniosynostosis surgery. About 56 cases.

*Oscar García González (MEXICO)*

*Discussion*

17:10 - 18:00

17:30-17:55

FL-032 Surgical Treatment of Non-Syndromic Craniosynostosis: The Rady Children's Hospital Experience.

*Cecilia L. Dalle Ore (USA)*

FL-033 Geometric Correction of Non- Syndromic Craniosynostosis - Aesthetic outcome analysis.

*Suhas Udayakumaran (INDIA)*

FL-034 Does early cosmetic evaluation predict the cosmetic outcome 20 years later in patients treated for craniosynostosis during early childhood.

*Willy Serlo (FINLAND)*

FL-035 Long-term results of frontal and bilateral cranial distraction osteogenesis for multi-suture craniosynostosis.

*Susumo Ito (JAPAN)*

FL-036 The long term outcome of the management of active hydrocephalus in children with complex craniosynostoses at diagnosis: is it always possible to avoid further constriction?

*Gianpiero Tamburrini (ITALY)*

*Discussion*

**Plenary Session 4: Leadership****Chair:**

18:00 - 18:30

**Leadership in Neurosurgery:**

Lessons learned,  
James T Rutka



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