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## SCIENTIFIC PROGRAM

SUNDAY, OCT. 8 - NURSING

MONDAY, 9 OCT.

TUESDAY, 10 OCT.

WEDNESDAY, 11 OCT.

THURSDAY, 12 OCT.

### NURSING SYMPOSIUM

#### Hours

**October 8, 2017, Sunday**

09:55-10:00

**Welcome**

10:00-10:50

**Nursing Symposium - morning session 1**

Chairs: Lindy May, Cathy Cartwright

10:00-10:40 **ISPN and nursing involvement**, William Harkness

10:40-10:50 NS-001 **The Evolution of Advanced Practice Providers in Pediatric Neurosurgery: A Clinical Review**, Heather E

10:50-11:10

**DISCUSSION & BREAK**

11:10-12:20

**Nursing Symposium - morning session 2**

Chairs: Lindy May, Cathy Cartwright

11:10-11:20 NS-002 **The management of children with Achondroplasia- the neurosurgical perspective**,Lindy May

11:20-11:30 NS-003 **Pain Control and Positioning in Children Following Selective Dorsal Rhizotomy Surgery**, Janette Christ

11:30-11:40 NS-004 **A Comparison of Dressing Techniques for Pre-surgical Closure of Myelomeningocele in the Neonate**,

11:40-11:50 NS-005 **Fetal in-utero Repair of Myelomeningocele: Postnatal Wound Management From a Nursing Perspect**

11:50-12:00 NS-006 **Setting up and delivering an acute, non-general anaesthetic, nurse led, Botulinum Toxin Therapy ser**

**neurosciences**, Jenny Sacree

12:00-12:10 **Discussion**

12:10-13:10

**LUNCH BREAK**

13:10-15:00

**Nursing Symposium - afternoon session 1**

Chairs: Chairs: Jenny Sacree, Patti Batchelor

- 13:10-13:20 NS-007 **Congenital Hypotonia: Neurosurgical Management, Case Report**, Kamilah Dowling
- 13:20-13:30 NS-008 **Non Accidental Head Injury - how the nurse feels caring for these infants and the parents who may harm them**, Lynne Fulton
- 13:30-13:40 NS-009 **Clinical Implications of skull fracture in children with head trauma**, Myoung Hee Ji
- 13:40-13:50 NS-010 **How decreasing maternal separation prior to surgery affects physiological stability in infants and sm randomised control trial**, Lydia Vero Nabuduwa Lydia
- 13:50-14:00 **Discussion**
- 14:00-14:10 NS-011 **Use of Advance 3D Imaging and 3-D Printing For Craniopagus Conjoined Twin Separations: Nursing I** Uy
- 14:10-14:20 NS-012 **A questionnaire to understand the support needs of the child with a craniopharyngioma and their car difference between those receiving adjuvant therapy and those who are not? A Nurses input**, Nicole Taylor
- 14:20-14:30 NS-013 **Postoperative care strategies of children undergoing pineal region tumor resection by callosum - for approach**, Miaomiao Liu
- 14:30-14:40 NS-014 **Evaluation of the family/ carer experience following paediatric epilepsy surgery in relation to post-op complications,length of hospital stay and discharge planning**, Nicola J Barnes
- 14:40-14:50 NS-015 **Collaboratively managing pediatric neurosurgery who are concurrent oncology patients**, Angela Forbe
- 14:50-15:00 **Discussion**

## OUTLINE OF THE MEETING PROGRAM

October 7, 2017	October 8, 2017	October 9, 2017	October 10, 2017	October 11, 2017	October 12, 2017
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Full Day <b>Epilepsy Symposium</b>	Committee Meetings  Half Day <b>Epilepsy Symposium</b>	Opening Ceremony  Full Day <b>Scientific Program</b>	Half Day <b>Scientific Program</b>	Full Day <b>Scientific Program</b>	Half Day <b>Scientific Program</b>
	<b>Nursing Symposium</b>	Full Day <b>Scientific Program</b>	Free Afternoon (Optional)		Meeting Closing
	Welcome Cocktail		Dinner (Optional)		

Contact Us (<http://ispnmeeting.org/2017/congress-information/contact-us#.WMkDDVWLSpo>)

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**Hours**

**Hall A**

**Hall B**

08:00 -  
08:10

**Welcome and Orientation**

08:10 -  
08:50

**Epilepsy Session**

Chair:

08:10-08:30 Francisco Cardinale

08:30-08:50 Kristen Park

08:50 -  
10:15

**Platform Presentations: Epilepsy**

Chair:

08:50-08:58 PF-001 Multilobar and hemispheric disconnective epilepsy surgery: A single center experience in 67 pediatric patients, Christian Dorfer

08:58-09:06 PF-002 Altered GABAergic transmission underlies epileptogenicity in human pediatric malformations of cortical development, Thomas Blauwblomme

09:06-09:14 PF-003 Intrinsic Thalamocortical Connectivity is Associated with Seizure Response to Chronic Vagus Nerve Stimulation in Children with Intractable Epilepsy, George Ibrahim

09:14-09:22 PF-004 Accuracy of robot assisted StereoEEG electrode placement in children, Julia Sharma

09:22-09:30 Discussion

09:30-09:38 PF-005 Thirty Years of Hemispherectomies: The Miami Experience, Travis Tierney

09:38-09:46 PF-006 How durable are drop attack outcomes after corpus callosotomy in children? David Graham

09:46-09:54 PF-007 Failures in epilepsy surgery: analysis of 45 patients in a monoinstitutional series, Flavio Giordano

09:54-10:02 PF-008 Outcomes of Hemispherotomy in Paediatric Epilepsy Surgery, Margaux Anna Heggli

10:02-10:10 PF-009 Hemispherectomy for catastrophic epilepsy in the young, Angela Mae Richardson

10:10-10:15 Discussion

10:15 -

**Special Session**

10:35

Chair:

In Memoriam talk about the late Dr Yamasaki

10:35 -

**COFFEE BREAK**

11:00

11:00 -

**Epilepsy / SDR Session**

11:40

Chair:

11:00-11:20 Epilepsy - Temporal lobe anatomy, Maximillian Nunez

11:20-11:40 Epilepsy - TBC, Helen Cross

11:40 -

**Platform Presentations: Epilepsy / SDR**

12:50

Chair:

11:40-11:48 PF-010 Disconnection vs excision? A ten year review of hypothalamic hamartomas, Ribhav Pasricha

11:48-12:56 PF-011 Strengths and pitfalls of disconnective procedures in epilepsy surgery, Carlo Efsio Marras

11:56-12:04 PF-012 The Use of Magnetic Resonance Guided Laser Thermal Ablation in Children with Intractable Epilepsy due to Tuberousclerosis Complex: single or multi-staged minimally invasive option, Zulma Sarah Tovar Spinoza

12:04-12:16 Flash presentations

FL-001 Surgical resection of Hypothalamic Hamartoma using intraoperative MRI, Libby Van Tonder

FL-002 Update of Surgical outcome in Infantile intractable Epilepsy, Dong Seok Kim

FL-003 Pediatric Tumoral Epilepsy Surgery in a single medical center, Hsin Hung Chen

12:16-12:20 Discussion

12:20-12:28 PF-013 On the issue of microsurgical DREZ-otomy (MDT) for cerebral palsy with hyperspasticity and dystonia, Arcisse Comfort

12:28-12:36 PF-014 Selective Dorsal Rhizotomy Surgery in Leeds - clinical experience and quality of outcomes, John Robert Goodden

12:36-12:44 PF-015 Intrathecal Baclofen Test Dose: Predictive Role in Selective Dorsal Rhizotomy, Benedetta Pettorini

12:44-12:50 Discussion

13:00 -  
14:00

**LUNCH**

**LUNCH**

13:00 - 14:00 Luncheon Symposium

14:00 -  
15:30

**Parallel Session: Craniofacial**  
Chair:

**Parallel Session: Vascular**  
Chair:

14:00-14:08 PF-016 Long-term results of minimal invasive biparietal cranioplasty for the management of sagittal craniosynostosis, Burcu Göker

14:08-14:16 PF-017 Chiari malformation management in bilambdoid and sagittal synostosis, Giovanna Paternoster

14:16-14:24 PF-018 Reducing Post-Operative Craniofacial Infection Rates; The Alder Hey Surgical Site Infection Bundle, Jonathan R Ellenbogen

14:24-14:32 PF-019 Surgical treatment for craniosynostosis: 20 years of experience in 310 cases, Jorge W J Bizzi

14:32-14:40 PF-020 The metopic-sagittal craniosynostosis -Report of 35 operative cases, Takeyoshi Shimoji

14:40-14:45 Discussion

14:45-15:09 Flash Presentation

FL-004 Variant of front-orbital advancement before hypertelorism correction, Sryil James

FL-005 Examining the Need for Routine Intensive Care Admission after Surgical Repair of Single Suture or Nonsyndromic Craniosynostosis, Christopher M Bonfield

FL-006 Evolution of the transfusion rates in the surgical correction of trigonocephaly, Federico Di Rocco

FL-007 Cranioplasty With Autologous Bone Graft in Children, Hamilton Matushita

FL-008 A novel minimally-invasive procedure for the correction of sagittal craniosynostosis that does not require endoscopy or post-operative helmet use: technique and results, Todd Maugans

FL-009 Sagittal Craniectomy with Biparietal Morcellation for Scaphocephaly: 3D Photography Analysis of Results, C Corbett Wilkinson

FL-010 Computer-assisted quantification of the skull deformity for craniosynostosis from 3D head CT images using morphological descriptor and hierarchical classification, Kyu Won Shim

FL-011 Biparietal Meander Expansion Technique: A Surgical Option for the Treatment of Sagittal Synostosis at an Age >1 year, Young Sill Kang

15:09-15:15 Discussion

15:15 -  
16:15

### COFFEE BREAK

### Poster Session 1

Moderators:

16:15  
- 17:00

**CLASH OF THE TITANS:** High Tech or Low Tech for CSF Shunts: Does it make a real difference?  
Chair:

17:00 -  
17:48

**Platform Presentations: Hydrocephalus**  
Chair:

14:00-14:08 PF-021 Polymorphisms in CD40 are associated with CD40 disease in children, Wenjun Shen

14:08-14:16 PF-022 The Neurosurgeon's Role in Management of Chiari Malformation: Experience from 118 Cases, Alex Smec

14:16-14:24 PF-023 Postoperative increase patterns of intracranial pressure in the patients with bilateral cerebrovascular moyamoya disease, Nomura

14:24-14:32 PF-024 Dose reduction with digital subtraction angiography in pediatric population, Sanjit Shah

14:32-14:40 PF-025 Transcallosal-transseptal interforaminal resection of superior midbrain and medial thalamus in children: surgical management and literature review, Discussion

14:40-14:45 Discussion

14:45-14:53 PF-026 Management of Pediatric Posterior Fossa Tumors - 12 years single institution experience, Mayank Garg

14:53-15:01 PF-027 Internal Maxillary Bypass for Congenital Deformities, Long Wang

15:01-15:10 Flash Presentations

FL-012 Combined treatments for Brain Arteriovenous Malformations of 128 cases, Mario Sergio Jaikin

FL-013 Integrative management of pediatric cerebral arteriovenous malformations, Discussion

FL-014 Arteriovenous malformation treatment outcomes from the Paediatric Neurosurgery Network, Libby Van Tonder

15:10-15:15 Discussion

17:00-17:08 PF-028 Choroid plexus clears macromolecules from the ventricles in experimental hydrocephalus, Satish Krishnamurthy

17:08-17:16 PF-029 Evolution of the Choroid Plexus as a Portal to Homeostasis, Alexandra R Kunz

17:16-17:24 PF-030 A randomized trial of endoscopic third ventriculostomy with choroid plexus cauterization (ETV/CPC) compared to ventriculoperitoneal shunt for the treatment of post-infectious hydrocephalus in Ugandan infants, Benjamin C Warf

17:24-17:32 PF-031 CSF-shunting and ETV in 400 pediatric patients. Shifts in understanding, diagnostics, case-mix, surgical management during half a century, Anne Henriette Paulsen

17:32-17:40 PF-032 Endoscopic management of paediatric complex hydrocephalus, Mohamed Mohsen Amen

17:40-17:48 PF-033 Shunt malfunction: several solutions for an unique problem, Francesca Nicolini

17:48 -  
18:15

### **Flash Presentations: Hydrocephalus**

Chair:

FL-015 Ventriculomegaly associated to congenital zika syndrome: does shunting improve clinical features? Eduardo Jucá

FL-016 Neural Tube Defect (NTD) & Hydrocephalus Surveillance: Scenario In Dhaka, Bangladesh, Tip Of The Iceberg, Md. Tosaddek Hossain Siddiqui

FL-017 Comparison of the position of ventricular catheter in freehand technique vs. ultrasound guided technique in infantile hydrocephalus, Lalgudi Srinivasan Harishchandra

FL-018 Endoscopic surgery for intraventricular arachnoid cysts in children: clinical presentation, radiological features, management and outcomes over a twelve-year period, Matthew Anthony Kirkman

FL-019 The management of asymptomatic "hydrocephalus" in infancy, Usiakimi Igbaseimokumo

FL-020 Shunt-series x-rays in Paediatric Shunt Revision. How useful are they? James M W Robins

FL-021 The Alder Hey experience of Meithke valves for de novo ventriculoperitoneal shunts in the pediatric population, Libby Van Tonder

18:09-18:15 Discussion

18:15 -  
18:30

### **Wrap up of the day**

Chair:

TBC



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**45<sup>TH</sup> ANNUAL MEETING OF THE INTERNATIONAL SOCIETY FOR PEDIATRIC NEUROSURGERY**  
 October 8 - 12, 2017 / Grand Hyatt Denver, USA



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**Hours**

**Hall A**

**Hall B**

08:00 -  
08:40

**Anesthesia and the brain**

Chair:

08:00-08:20 Vesna Jevtovic-Todorovic

08:20-08:40 David Polaner

08:40 -  
10:00

**Platform Presentations: Dysraphism**

Chair:

- 08:40-08:50 PF-034 Practice Preferences and Guideline development for neurosurgical management of pediatric myelomeningocele, Jeffrey P Blount
- 08:50-08:58 PF-035 Long term cognitive outcome of infants with myelomeningocele and hydrocephalus primarily treated with an ETV, Gianpiero Tamburrini
- 08:58-09:06 PF-036 Untethering of Spinal Cord Prior to Spinal Deformity Correction Procedures in Pediatric Patients with Myelomeningocele, Emily Shields
- 09:06-09:14 PF-037 How much do plastic surgeons add to the closure of myelomeningoceles? Rhian Lucy Bevan
- 09:14-09:22 PF-038 Stridor presenting at birth in neonates with myelomeningocele: Results of an international multicenter study, Eylem Ocal
- 09:22-09:30 PF-039 Intradural spine surgery does not carry an increased risk of shunt revision compared to extradural spine surgery in pediatric myelomeningocele patients, Elizabeth N Kuhn
- 09:30-09:36 Discussion
- 09:36-09:44 PF-040 Are all lipomas equal? A study of 'dorsal type' lipomas, Dominic Thompson
- 09:44-09:52 PF-041 Surgical treatment of tethered cord secondary to filum and conus lipomas in children and adults: Is there an argument to support prophylactic surgery? Francesco Sala
- 09:52-10:00 PF-042 Management alternatives for massive occipital encephalocele, A study of 5 patients, Andres Goycoolea

10:00 -

**Flash Presentations: Dysraphism**

10:40

Chair:

- FL-022 Limited Dorsal Myeloschisis: reconsideration of its embryological origin - primary neurulation, Ji Yeoun Lee
- FL-023 The value of Intraoperative Neurophysiological Monitoring in spinal dysraphisms surgery: Toward zero morbidity, Pasquale Gallo
- FL-024 Role of electrophysiological monitoring in surgery for tethered cord, Suhas Udayakumaran
- FL-025 Congenital Spinal Deformity and Occult Spinal Dysraphism - Our Experience, Uday B Andar
- FL-026 3D visualization of secondary neurulation and caudal cell mass in chick embryos, Sejin Choi
- FL-027 Myelomeningocele: long-term neurosurgical treatment and follow-up in 231 patients, Tatiana Protzenko
- FL-028 Could distal spinal cord transection be a definite solution for tethered cord syndrome patients? A preliminary report of 5 patients, Kuo Sen Han
- FL-029 Closed dysraphisms of the cervical and thoracic spine, José Francisco M. Salomão
- FL-030 What determines good neurological outcome of patients of Tethered cord syndrome? Analysis of factors affecting outcome, Chetan Tukaram Rathod
- FL-031 Lipid profile of lumbosacral lipomas: developing a biomarker, Victoria Jones
- 10:30-10:40 Discussion

10:40 -

**COFFEE BREAK**

11:10

11.10-11.15 **Introduction of the ISPN President 2016-2017**

11.15-11.45 **Presidential Oration:** William Harkness

11:45- 12:25 **Platform Presentation: SPECIAL SESSION ON GLOBAL SURGERY**

Chair:

11:45-11:55 PF-043 Global Children's Surgery, Michael C. Dewan

11:55-12.03 PF-044 Challenges in the management of paediatric brain tumors in resource-limited settings: the case of craniopharyngioma in Malawi, Patrick Dongosolo Kamalo

12.03-12.11 PF-045 Overview of pediatric neurosurgery in Nepal, Maya Bhattachan

12.11-12.19 PF-046 After training as a Paediatric Neurosurgeon what next: My challenge after overseas training, Gyang Markus Bot

12.19-12.25 Discussion

12:25-13:00 **Round Table on Global Surgery**

Chair:

William Harkness, Ezio DiRocco, Tony Figaji, Michel Zerah, Others...

**FREE AFTERNOON**



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**Hours**

**Hall A**

**Hall B**

08:00 -  
09:20

**NEUROTRAUMA Session**

Chair:

08:00-08:15 Variation in Clinical Care of Severe TBI, Michael Bell

08:15-08:30 Concussion, Chris Giza

08:30-08:45 Epileptogenesis in trauma, Amy Brooks-Kayal

08:45-09:00 Continuous EEG in the ICU, Chris Giza

09:00-09:15 Findings from an international multicenter study of pediatric TBI -

ADAPT, Michael Bell

09:15-09:20 Discussion

09:20 -  
10:24

**Platform Presentations: Neurotrauma**

Chair:

09:20-09:28 PF-047 Trauma Infant Neurological Score (TINS) is superior to Children's GCS in evaluating head injured infants younger than 24 months, Liana Adani Beni

09:28-09:36 PF-048 Examining cerebral metabolism using microdialysis in children with severe traumatic brain injury, Nico Enslin

09:36-09:44 PF-049 Predicting Outcomes in Children with Traumatic Brain Injury: Utilizing An Artificial Neural Network, Andrew T. Hale

09:44-09:52 PF-050 Can artificial intelligence predict the necessity of CT scan for infants with minor head injury? Tadashi Miyagawa

09:52-10:00 PF-051 Proteomics and inflammatory mediators in cerebral extracellular fluid from brain microdialysis in severe paediatric traumatic brain injury, Sarah Ive

10:00-10:08 PF-052 The true value of ICP monitoring in pediatric brain insults is not measuring ICP ...but optimizing CPP, Konstantin Hockel

10:08-10:16 PF-053 Bedside Computed tomography in Pediatric Traumatic brain injury: Experience at a level 1 Trauma Centre in India, Renu Saini

10:16-10:24 PF-054 Optic nerve sheath diameter and intracranial pressure in children, Susanne Regina Kerscher

10:24 -

### **Flash Presentations: Neurotrauma**

10:45

Chair:

FL-032 Prediction of cerebral morphine concentration in paediatric traumatic brain injury (TBI) with the rat physiologically based pharmacokinetic (PBPK) model, Ursula Rohlwink

FL-033 Burden of Paediatric Traumatic Brain Injuries: Single Centre Experience over 3 years, Deepak Agrawal

FL-034 Traumatic brain injury in the pediatric population following sports accidents with or without helmet use in Hamburg, Germany, Krajewski Kara

FL-035 Epidemiology and outcome of Postoperative Neurosurgical Pediatric Patients, Barbara Albuquerque Morais

FL-036 Eleven years of surgical management of pediatric spine trauma in Lyon, Corentin Dauleac

10:39-10:45 Discussion

10:45 -

**COFFEE BREAK**

11:10

11:10 -

### **Neuro-Oncology Session**

11:50

Chair:

11:10-11:30 Biology of low grade tumours, Mark Kieran

11:30-11:50 Immunologic factors in brain tumors, Terry Fry

11:50 -

### **Platform Presentations: Neuro-Oncology**

12:14

Chair:

11:50-11:58 PF-055 Cerebellar Mutism after Posterior Fossa Tumor Resection in Children: A Multi-center International Retrospective Study to Determine Possible Modifiable Factors, Bryan Renne

11:58-12:06 PF-056 Awake craniotomy in children, Ibrahim Jalloh

12:06-12:14 PF-057 Overexpression of Cyclin D1 enhances DNA Repair in Pediatric Ependymomas, Muh Lii Liang

12:14-12:45 **Flash Presentations: Neuro-Oncology**

Chair:

FL-037 The Association of Hospital Case Volume on the Outcomes of Pediatric Patients Undergoing Posterior Fossa Tumor Resection, Annie Isabelle Drapeau

FL-038 Ultrasound-induced opening of the blood-brain barrier improves drug delivery to the brain in animal models – The Sonocloud project, Kévin Beccaria

FL-039 Chemotherapy Administration Directly into the Fourth Ventricle in Children with Recurrent Malignant Fourth Ventricular Brain Tumors: Results of Two Pilot Clinical Trials, David I Sandberg

FL-040 Long Term Outcome of Tectal Plate Glioma Versus Idiopathic Aqueductal Stenosis Patients, Hamid Reza Niknejad

FL-041 Involvement of Tumor Suppressor p53 Protein in Medulloblastoma Subtypes: Finding Therapeutic Targets, Anubhav G Amin

FL-042 Different Strategies in management of Childhood Craniopharyngiomas - Experience of 114 case, Mohamed Ahmed El Beltagy

FL-043 Pharmacological inhibition of methyltransferase EZH2 in (in vitro) and (in vivo) models of medulloblastoma, Katherine E Kunigelis

FL-044 Proteomic characterization of the solid component of craniopharyngioma, Luca Massimi

12:38-12:45 Discussion

12:45-12:55 **Special Session: ISPN 2018**

Chair:

Introducing ISPN 2018: Tel Aviv, Shlomi Constantini

13:00 - **LUNCH**

**LUNCH**

14:00

13:00 - 14:00 Luncheon Symposium

14:00 - **Platform Parallel Presentations: Hydrocephalus**

15:00

Chair:

**Platform Parallel Presentations: Chiari/ Other**

Chair:



14:00-14:08 PF-058 Shunt dependent hydrocephalus after fenestration of arachnoid cysts in children, Anton Korshunov  
 14:08-14:16 PF-059 Computerized Shunt-Infusion-Study (SIS): A quick, radiation free, minimal invasive way for quantitated assessment of hydrocephalus shunt function, Martin Ulrich Schuhmann  
 14:16-14:24 PF-060 Endoscopic management of multiloculated hydrocephalus: Use of a novel ultrasound-based intra-operative guidance technique, Llewellyn Padayachy  
 14:24-14:32 PF-061 Neuroendoscopic Lavage for the Treatment of Postinfectious Hydrocephalus, Ulrich W Thomale  
 14:32-14:40 PF-062 Evaluation of secondary ETV, Chandrashekhar E Deopujari  
 14:40-14:48 PF-063 Overdrainage-Related Ventricular Tissue is a Significant Cause of Proximal Shunt Obstruction, Bermans J Iskandar  
 14:48-14:56 PF-064 Comparison of MRI CSF Flow Imaging Methods, J. Gordon McComb  
 14:56-15:00 Discussion

15:24 -  
15:45

**Flash Parallel Presentations: Hydrocephalus**  
Chair:

FL-045 Natural history of paediatric cranial arachnoid cysts, Alex Smedley  
 FL-046 Elevated Intracranial Pressure: Modeling Pressure-Induced Cellular Injury ex vivo, Ramin Eskandari  
 FL-047 The significance of secondary craniosynostosis in morbidity of shunted children, Sergei Kim  
 FL-048 The Cost-Effectiveness of Treating Hydrocephalus, Jaims Lim  
 FL-049 Reduction of shunt infections after application of a shunt protocol, Daniel T Nilsson  
 FL-050 Long term outcome of hydrocephalus with myelomeningocele, Masahiro Nonaka  
 FL-051 It's not always the shunt to blame: sterile peritoneal malabsorption of cerebrospinal fluid in children, Thomas Beez  
 FL-052 Reliability of cerebrospinal fluid turbulence and choroid plexus visualization on fast-sequence MRI in pediatric hydrocephalus, Curtis Rozzelle  
 15:24-15:30 Discussion

15:30 -  
16:30

**COFFEE BREAK**

**Poster Session 2**  
**Moderators:**

16:30 -  
17:15

**Special Session: Pseudotumour Cerebri**  
Chair:

Round Table: Robert Keating, Wan Tew Seow, Graciela Zucharo, Sergio Cavalheiro

17:15 -  
17:45

**President's Honoured Guest**

14:00-14:08 PF-065 Syndromic craniosynostosis and la syringomyelia, Cyril James  
 14:08-14:16 PF-066 Why does Chiari surgery fail? Joch  
 14:16-14:24 PF-067 International Survey on the Manag Malformation and Syringomyelia: Evolving Worldwide  
 14:24-14:32 PF-068 Syringo-Subarachnoid Shunt for th Syringomyelia following Chiari Decompression: Surgic Constantini  
 14:32-14:40 PF-069 Intradural pathology and pathoph Chiari I malformation with and without syringomyelia,  
 14:40-14:48 PF-070 Degree of Pulsatile Tonsils May Pr After Foramen Magnum Decompression, T Desmond I  
 14:48-14:56 PF-071 Differences between symptom pre and adult Chiari patient: Is it a different disease or a re Robert  
 14:56-15:00 Discussion

**Parallel Presentations: Chiari/ Other**  
Chair:

15:00-15:08 PF-072 Impact of Microneurosurgical Neu on Reducing Spinal Cord Tethering and Incidence of Ir Fetal In-Utero Myelomeningocele Repairs, Samer K Elt  
 15:08-15:16 PF-073 Syringobulbia in the pediatric pop abnormality, Arnold H Menezes  
 15:16-15:25 Flash presentations  
 FL-053 Ventriculomegaly diagnosed in fetal period: ou post natal hydrocephalus. A series of 278 cases, Olivier  
 FL-054 Association of Chiari type I (CH I ) malformatio (TSC) The Brainstem Compression Hypothesis seems t Revised, Deniz Selcuki  
 FL-055 Improvement Of Quality Of Care Of Spina Bifid Prenatal Neurosurgical Consulting, Reem Elwy  
 15:25-15:30 Discussion

17:45

Dr James Goodrich  
Introduced by William Harkness

17:45 -  
18:00

**Wrap up session**

TBC

18:00 -  
19:00

**ISPN Business Meeting**

(all members)

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Full Day <b>Epilepsy Symposium</b>	Committee Meetings Half Day <b>Epilepsy Symposium</b>	Opening Ceremony Full Day <b>Scientific Program</b>	Half Day <b>Scientific Program</b>	Full Day <b>Scientific Program</b>	Half Day <b>Scientific Program</b>
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## SCIENTIFIC PROGRAM

SUNDAY, OCT. 8 - NURSING

MONDAY, 9 OCT.

TUESDAY, 10 OCT.

WEDNESDAY, 11 OCT.

THURSDAY, 12 OCT.

**Hours**

**Hall A**

**Hall B**

07:00 **Old-New ISPN Executive Board Meeting**

- 08:00

\*ISPN Society Room

\*Members of ISPN Executive Board

08:00 - **NEURO-ONCOLOGY Session**

08:15

TBD

08:15-09:57 **Platform Presentations: Neuro-oncology**

Chair

- 08:15-08:23 PF-074 Surgical outcomes and prognostic factors of pediatric medulla gliomas, Changcun Pan
- 08:23-08:31 PF-075 Quality of life in massive opticohypothalamic glioma. An analysis of an experience in 73 cases treated over 18 years, Dattatraya Prakash Muzumdar
- 08:31-08:39 PF-076 Diagnostic Value of Stereotactic Biopsy for Intrinsic Brainstem Tumors in Children, Young Shin Ra
- 08:39-08:47 PF-077 A scoring system of brainstem glioma based on Diffusion Tensor Imaging, Yuliang Wu
- 08:47-08:55 PF-078 Ultra Low-Dose Radiation Enhances Immune-Modulated in vitro Pediatric Medulloblastoma Cell Death, Stephen Lowe
- 08:55-09:03 PF-079 Single Fraction Low-Dose Radiation Modulates Oncogenes and HLA Class I/II Molecules in Pediatric Human Medulloblastoma Cells, Fraser Henderson
- 09:03-09:05 Discussion
- 09:05-09:20 PF-080 Surgical Challenges Of Auditory Brainstem Implantation In Infants And Children With Cochlear Nerve Deficiency: Experience With 116 Patients, Joshua J Breunig
- 09:20-09:28 PF-081 Generating in vivo somatic mouse mosaics with locus-specific, stably-integrated transgenic elements, Erin N Kiehna
- 09:28-09:36 PF-082 Assessment of the risk factors impacting functional outcomes and spinal deformity for pediatric spinal cord tumors, Erin N Kiehna
- 09:36-09:44 PF-083 Biopsy of Diffuse Intrinsic Pontine Gliomas: An Assessment of Safety Profile and Considerations of Tumor Heterogeneity, Neena Ishwari Marupudi
- 09:44-09:52 PF-084 Outcomes following Endoscopic Endonasal Resection of Sellar and Suprasellar lesions in Pediatric Patients, Shaun D Rodgers
- 09:52-09:57 Discussion

09:57 - **Flash Presentations: Neuro-oncology**

10:20 Chair:

- FL-056 Use of the intraoperative fluorescent diagnostics (5-ALA) in surgical treatment of pediatric patients with cerebral tumors, Aleksandr Kim
- FL-057 Input of Molecular Analysis in the Management of Pediatric Medulloblastoma: The Current Status in Taiwan, Tai Tong Wong
- FL-058 Surgical Treatment of Hypothalamic Hamartomas in Children, Yang Zhao
- FL-059 The rationale and design of a registry for pediatric patients with CNS lesions treated with robotic radiosurgery, Laura Nanna Lohkamp
- FL-060 Supratentorial Parenchymal Ependymomas in Children: Experience with 66 Patients at a Single Institute, Chunde Li
- FL-061 Childhood pineoblastoma: clinical and therapeutic aspects and reported 18 cases, Raynald Liu
- 10:15-10:20 Discussion

**Platform Parallel Presentations: Neuro-Oncology**

Chair:

10:50-11:00 TBC, Oncology

11:00-11:08 PF-085 Pituitary Adenomas in the Pediatric Population: A Single-Center Series, Kara Krajewski

11:08-11:16 PF-086 Pre-Radiation Chemotherapy Improves Survival in Pediatric Diffuse Intrinsic Pontine Gliomas, Pierre Aurélien Beuriat

11:16-11:24 PF-087 Surgical management of vestibular schwannomas in NF 2 should aim at growth control and hearing preservation not tumor removal, Isabel Gugel

11:24-11:32 PF-088 The role of surgery in pediatric optic pathway gliomas: 156 cases results from one institute, Yuhan Liu

11:32-11:40 PF-089 Medulloblastoma – A single institution's longitudinal perspective on survival and functional morbidity, Kim Phipps

11:40-11:48 PF-090 The treatment of pediatric focal brainstem gliomas: with 42 cases follow-ups, Tao Sun

11:48-11:54 Discussion

11:54-12:02 PF-091 Molecular Analyses Demonstrate an Immunosuppressive Phenotype in the Cyst and Solid Tumor Compartments of Pediatric Adamantinomatous Craniopharyngioma, Todd C. Hankinson

12:02-12:10 PF-092 Prospective, Multi-center Phase III Trial of Tumor Treating Fields Together With Temozolomide Compared to Temozolomide alone in Patients with newly Diagnosed Glioblastoma, Nitin Kumar

12:10-12:18 PF-093 11C-MET PET/CT for preoperative grading and prognostic value in brainstem glioma patients, Hai Yu

**Platform Parallel Presentations: Spine, Vascular**

Chair:

10:50-11:00 TBC, Spine

11:00-11:08 PF-094 Instrumenting long and fusing short i undergoing occipital-cervical-thoracic stabilization: Techn series, Richard Anderson

11:08-11:16 PF-095 Management of pediatric cervical kyp cases, Sandip Chatterjee

11:16-11:24 PF-096 Role of CT angiography in developme pediatric age group, Saraj Kumar Singh

11:24-11:32 PF-097 Comparison of clinical and angiograp encephaloduroarteriosynangiosis in patients with the gen Dae Kim

11:32-11:40 PF-098 NEW INDIRECT REVASCULARIZATION PRESERVATION OF TEMPORAL MUSCLE FUNCTION FOR DISEASE, Nobuyuki Takeshige

11:40-11:48 PF-099 Stereotactic Radiosurgery for Pediatri Arteriovenous Malformations, Mohana Rao Patibandla

11:48-11:54 Discussion

11:54-12:02 PF-100 Development of a rapid complement shunt infection and meningitis, James M Johnston

12:02-12:10 PF-101 Management of paediatric cervical sp posted screws – A useful alternative to conventional cervi instrumentation, Anthony Jesurasa

12:10-12:18 PF-102 Long term outcome of symptomatic p haemangiomas treated surgically, Pankaj Kumar Singh

FL-062 Clinical features, management and outcomes of pediatric central nervous system tumors disseminated and nondisseminated at presentation: a fourteen-year experience, Matthew Anthony Kirkman

FL-063 Clinical Outcomes of Pineal Region Masses in Paediatric Patients: Single Institution Ten Years Retrospective Review, Shweta Kedia

FL-064 Posterior fossa ependymomas in children. Our experience from 2000 to 2015, Alexandru Szathmari

FL-065 Evaluation of Viruses and Toksoplasma Gondii in Etiology of Glioblastoma Multiforme, Abdulkerim Gokoglu

FL-066 Surgical outcome in a pediatric series of intramedullary tumors, Laura Grazia Valentini

FL-067 Treatment outcome of intracranial non-germinomatous germ cell tumors in children, Ai Muroi

FL-068 Knockdown of Eukaryotic Initiation Factor 3D suppresses the proliferation and promotes apoptosis in medulloblastoma in vitro, Yang Zhao

12:39-12:45 Discussion

FL-069 Investigating the immune response in paediatric tuberculosis: a transcriptomic analysis in tuberculous meningitis, Ursula I

FL-070 A Short-term Outcome of Successfully Separated Conjoined Twin, Alvi Aulia Rahmah

FL-071 Scalp lumps: experiences in a single institution and their diagnosis, Eun Jung Koh

FL-072 Spinal Stenotic Compression In Young Achondroplasia: A Report Of Treatment With Augmentation Laminoplasty, N

FL-073 Is there a weekend effect in paediatric neurosurgery?

FL-074 The individuality of intracranial arachnoid cysts in a single institute analysis, Martina Messing Jünger

FL-075 Extracranial outflow of particles solved in cerebrospinal fluid

12:39-12:45 Discussion

12:50 -  
13:00

### Handover Ceremony

Flag Hand-Over to Tel Aviv

**END OF ISPN 2017 ANNUAL MEETING**

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