

POSTER PRESENTATIONS CATALOGUE

SESSION 3: Audit and outcome in Pediatric Neurosurgery

POSTER PRESENTATIONS PP01-PP15

- PP01** *Pathological changes in congenital malformations of the central nervous system*
(018) **Galimzhan M. Yelikbayev**, Almasbek P. Ahmetov, Nurpeis K. Tulezhanov, Kanatzhhan S. Kemelbekov (Kazakhstan)
- PP02** *Risk factors for congenital malformations the spinal cord and spine in children*
(019) **Kanatzhhan Kemelbekov**, **Aygerim Tutaeva**, Adilet Yernazarov, Sandugash Rustemova (Kazakhstan)
- PP03** *Three unusual cases of benign pediatric CNS tumors including Lhermitte-Duclos disease*
(031) **Linnea Schmidt**, Helle Broholm, **Jane Skjøth-Rasmussen** (Denmark)
- PP04** *Clinical picture of congenital spinal lipomas*
(047) **Aygerim A. Tutaeva**, **Galimzhan M. Yelikbayev**, Nurpeis K. Tulezhanov, Almasbek P. Ahmetov (Kazakhstan)
- PP05** *Clinical manifestations of syringomyelia in children*
(048) **Galimzhan M. Yelikbayev**, Sandugash A. Rustemova, Kanatzhhan S. Kemelbekov, Aygerim A. Tutaeva (Kazakhstan)
- PP06** *Sylvian fissure arachnoid cysts in children – Operative treatment*
(050) **Bartosz Polis**, Emilia Nowoslawska, Lech Polis, **Małgorzata Polis** (Poland)
- PP07** *Carpal tunnel syndrome and mucopolysaccharidosis*
(060) **Antonio Rosa Bellas**, Jose Francisco Manganelli Salomão, Dafne Dain Gandelman Horovitz, Ana Carolina Esposito, Daniel Souza e Silva (Brazil)
- PP08** WITHDRAWN
- PP09** *Primary intraventricular brain abscess in a 10-year-old child*
(094) **Patricia Barrio**, Martina Messing-Jünger, Sandra Kunze, **Andreas Röhrig**, **Sergei Persits** (Spain, Germany)
- PP10** *Traumatic brain injuries during sports activity in athletes between 12-35 years*
(097) **Nikolaos Syrmos**, Anna Tsiligioglou-Fachantidou, Fotios Mavrouniotis, Evangelos Sykaras, Charalampos Iliadis, Georgios Gavridakis, Vasileios Valadakis, Konstantinos Grigoriou, Dimitrios Arvanitakis (Greece)
- PP11** *Amoebic encephalitis mimicking brain tumor: a rare differential diagnosis to be considered*
(154) **Eduardo Jucá**, Fernanda Honório, Cleto Nogueira, André Pessoa, Ricardo Santos de Oliveira, Natália Feitosa Pinheiro, Mariana Carvalho Moura (Brazil)
- PP12** *Growing bone defect in an infant with a rare combination of a foramen parietale per magna and an atretic cephaloceles*
(222) **Miriam Ratliff**, Andreas Unterberg, Heidi Bächli (Germany)
- PP13** *Neurocysticercosis – Report of one pediatric case*
(238) **Alexandru Szathmari**, F. Fomekong, C. Rousselle, A. Jouvret, Carmine Mottolese (France)
- PP14** *Cervical and skull-base fractures in young athletes*
(259) **N.Syrmos**, A. Mylonas, Ch. Iliadis, G. Gavridakis, V. Valadakis, K. Grigoriou, D. Arvanitakis, F. Charalampopoulos (Greece)
- PP15** *X-ray, CT and MRI evaluation of vertebral trauma in young athletes – Radiological and clinical study*
(266) **N. Syrmos**, A. Mylonas, Ch. Iliadis, G. Gavridakis, V. Valadakis, K. Grigoriou, D. Arvanitakis, F. Charalampopoulos (Greece)

SESSION 5: Hydrocephalus

POSTER PRESENTATIONS PP16-PP23

- PP16** *Neuropsychological deficits in children with hydrocephalus*
(033) **Vaitsa Giannouli**, **Nikolaos Syrmos** (Greece)
- PP17** *Long-term outcomes of posthemorrhagic hydrocephalus in premature infants*
(065) **Ivan Protsenko**, Yuri Orlov, **Leonid Marushchenko** (Ukraine)
- PP18** *The changes of cranial index in the treatment of hydrocephalus*
(082) **Eva Valachovicova**, Frantisek Horn, Dana Dubravova, **Michal Petrik** (Slovak Republic)
- PP19** *The efficacy of external ventricular drainage using a peripherally inserted catheter® for treating hydrocephalus in neonates*
(135) **Yukiko Kotani**, Young-Soo Park, Ikuyo Arai, Tomoyuki Kamamoto, Yumiko Uchida, Toshiya Nishikubo, Yukihiro Takahashi, Ichiro Nakagawa, Yasushi Motoyama, Hiroyuki Nakase (Japan)
- PP20** *Synchronous symptomatic congenital choroid plexus lesions in siblings – To diagnose or to treat first?*
(167) **Aruma Jimenez O'Shanahan**, **Chandrasekaran Kaliaperumal**, Ryan Waters, Kristian Aquilina (United Kingdom)
- PP21** *Stenotrophomonas maltophilia cerebrospinal fluid infection in neonates following neurosurgery*
(174) **Bassel Zebian**, William J. Kitchen, Anastasios Giamouriadis, Sanj Bassi, Chris Chandler, **Benedetta Pettorini** (United Kingdom)

- PP22** *Subgaleal ventricular-subarachnoid stenting in newborns with posthemorrhagic hydrocephalus*
(199) **Oleg Volkodav, Sveta Zinchenko** (Ukraine)
- PP23** *Ventricular reservoir in neonatal hydrocephalus – Single center study*
(229) **Dana Dúbravová, Eva Valachovičová, M. Fuňáková, M. Smrek, J. Trnka, Frantisek Horn** (Slovak Republic)

SESSION 7: Quality assessment: complications and positive outcome criteria

POSTER PRESENTATIONS PP24-PP25

- PP24** *Acute brain edema in child anaphylaxis by ant bites*
(058) **Lorenza Pereira, Erika Silva, Luiz Alves, Renato Souza, Fabio Okuda, Abel Takey, Rodrigo Gusmao, Dierk Kirtchhoff, Daniel Kirtchhoff** (Brazil)
- PP25** *Idiopathic ischemic stroke in toddlers: a diagnostic possibility to be considered in rapid onset deficitary syndromes*
(147) **Eduardo Jucá, Rachel Ximenes, Lia Beatriz Azevedo Souza, Miria Paula Vieira Cavalcante, Emanuel Castro Carneiro Jr.** (Brazil)

SESSION 9: Craniovertebral junction and Chiari

POSTER PRESENTATIONS PP26-PP30

- PP26** *Craniovertebral malformation with craniovertebral instability in an 8-month old baby*
(083) **Giuseppe Talamonti, Alberto Debernardi, Moreno Bolzon, Tiziana Redaelli, Giuseppe D'Aliberti** (Italy)
- PP27** *Atypical presentation of Chiari malformation*
(092) **Kaushik Sil, Sunandan Basu, Harsh Jain, Laxminarayan Tripathy** (India)
- PP28** *Successful surgical treatment of odontoid fracture with atlanto-axial subluxation in a child*
(190) **Silvana Tumbiolo, Marika Tutino, Tiziana Costanzo, Francesco Gioia, Ettore Fiumara** (Italy)
- PP29** *Odontoid process regeneration: an unexpected and previously unreported cause of transoral odontoidectomy failure*
(213) **Massimiliano Visocchi, Gianluca Trevisi, Gianpiero Tamburrini, Luca Massimi, Concezio Di Rocco, Massimo Caldarelli** (Italy)
- PP30** *Modification of Wright's technique for occipito cervical fixation in children with a very thin arch of C2*
(249) **Javier Orduna Martinez, Luis González Martínez, David Fustero de Miguel, Carlos Fuentes Ullaque, Jesús Moles Herbera, Miguel Barrera, Nnandi Elenwoke** (Spain)

SESSION 10: Spine

POSTER PRESENTATIONS PP31-PP44

- PP31** *Extensive spinal epidural abscess in an adolescent girl treated with laminoplasty*
(068) **Christos Chamilos, Benedetta Pettorini, Ajay Sinha** (United Kingdom)
- PP32** *Pediatric cervical spinal cord cavernoma presenting with hematomyelia. Case report*
(078) **Silvana Tumbiolo, Simona Porcaro, Maria Cristina Lombardo, Marcello Romano, Ettore Fiumara** (Italy)
- PP33** *Neurological improvement after myeloschisis repair*
(096) **Huseyin Canaz, Ibrahim Alatas, Bulent Ozdemir, Osman Akdemir, Mehmet Tokmak** (Turkey)
- PP34** *Neuroblastoma with invasion of the spine treated with laminoplasty – Report of two cases*
(100) **Giulio Anichini, Ravi Vashu, Hugh Bishop, Pragnesh Bhatt** (United Kingdom)
- PP35** *Lumbar epidural cysts among children*
(110) **Arthur Andre, Giovanna Paternoster, Federico Di Rocco, Michel Zerah** (France)
- PP36** *An extraordinary presentaton of pediatric tuberculosis spondylitis: case report*
(119) **Ibrahim Alatas, Serhat Baydin, Huseyin Canaz, Osman Akdemir, Akin Gokcedag, Erhan Emel, Bulent Ozdemir** (Turkey)
- PP37** *Late onset of extradural cervico-thoracic haematoma causing paraplegia after mild head injury*
(126) **Vincenzo Grasso, Matteo Vitali, Gianpaolo Longo, Alessandro Bertuccio, Chiara Fronda, Antonio Fratto, Andrea Barbanera** (Italy)
- PP38** *Intramedullary neurenteric cyst of the cervicothoracic spine in an infant with an associated sinus tract and a mediastinum cyst. Case report and review of the literature*
(133) **Georgios Markogiannakis, Savvas Melissaris, Olympia Karypidou, Pavlos Foteas, Michael Koutzoglou** (Greece)
- PP39** *Devic disease as a differential diagnosis for spinal cord tumors: may a biopsy be needed?*
(148) **Eduardo Jucá, Clarissa Rocha Montenegro, Lize Barroso, Álissa Moura Formiga, Cibele Castelo Branco, Luciana Ribeiro** (Brazil)
- PP40** *Discitis: a rare differential diagnosis for spinal lesions in young children*
(151) **Eduardo Jucá, Virna Costa e Silva, Luciana Barbosa, Mayra Medeiros, Rafael Matos** (Brazil)
- PP41** *Giant mediastinal tumor with epidural extention: two case reports*
(175) **Peter Spazzapan, Domagoj Jugović, Marijan Koršič, Borut Prestor** (Slovenia)
- PP42** *A rare and unexpected clinical progress on a primary extradural spinal cyst hidatic – A case report*
(189) **Ihsan Dogan, Efe Guner, Gokmen Kahilogullari, Agahan Unlu** (Turkey)

- PP43** *Double open neural tube defect: case report and 8 years follow-up*
(191) **Nelci Zanon**, Luanda A. Collange Grecco, Marcia Noriko Oliveira Homa, Giselle Coelho, Francinaldo Gomes, Rafael Loduca, Marise Audi, Rita Delgado Vilora, Alexandre Francisco de Lourenço (Brazil)
- PP44** *Congenital spondyloptosis: two case reports*
(237) **Ibrahim Alatas**, **Huseyin Canaz**, Serhat Baydin, Akin Gokcedag, Mehmet Tokmak, Osman Akdemir (Turkey)

SESSION 11: New technologies in Pediatric Neurosurgery

POSTER PRESENTATIONS PP45-PP52

- PP45** *Prenatal diagnosis in central nervous system anomalies: what the neurosurgeon needs to know*
(001) **Patricia Barrio**, Bienvenido Puerto, David Santamarta, Javier Pérez, Antonio Mostaza (Spain)
- PP46** *Modern neurosurgical techniques for deep seated brain lesions management in children*
(035) **Alexey Krivoshapkin**, Vyacheslav Kobozev, **Anton Gorbatykh** (Russia)
- PP47** *The resection of sellar region tumors with application of evoked visual potentials at children*
(042) **Uygun U. Altibaev**, Gayrat M. Kariev (Uzbekistan)
- PP48** *Multiple burr holes procedure in Moya-Moya disease*
(108) **Zdenek Mackerle**, Eva Brichtova, Pavlina Danhofer, David Lastovicka (Czech Republic)
- PP49** *Scalp arteriovenous malformation*
(124) **Sagarribay Amets**, Miguel Correia, Mário Matos, António Batista, Carla Conceição, Isabel Fragata (Portugal)
- PP50** *Precision of brainstem biopsies assisted with Varioguide® in children, a single institution report*
(130) **Santiago Candela Cantó**, Mariana Alamar Abril, Patricia Puerta Roldán, Jordi Muchart López, Mariona Suñol Capella, Angel Montero Carcaboso, Antonio Guillén Quesada, Ioannis Roussos Prindesis, Andrés Morales La Madrid, Jaime Mora Graupera, Ofelia Cruz Martínez, **Gemma García-Fructuoso** (Spain)
- PP51** *Blood loss estimation with Intraoperative Cell Salvage (ICS) for Pediatric Craniofacial Surgery (PCFS)*
(209) **Meharpal Sangra**, Kevin Jerome, David Koppel, **Simon P. Young** (United Kingdom)
- PP52** *Development of a mobile augmented reality device for bed-side guidance of EVD insertion*
(257) **M. Kramers**, R. Eagleson, R. Armstrong, S. Bakhsmad, **Sandrine de Ribaupierre** (Canada)

SESSION 13: Advances in Pediatric Oncology II

POSTER PRESENTATIONS PP53-PP70

- PP53** *Third ventricular chordoid meningioma or chordoma: diagnostic dilemma based on a single case. Case report and literature review*
(010) **Kresimir S. Duric**, **Jakob Nemir**, Hrvoje Jednacak, Goran Mrak, Kamelija Zarkovic, Pavle Miklic (Croatia)
- PP54** *Glioblastoma multiforme extracranial metastasis in the pediatric patient – Case report*
(011) **Alexandre Canheu**, Munir Gariba, Carlos Alexandre Zicarelli, Sergio Georgeto, Fahd Haddad, Marcelo Haddad, Bruno Zucolli, Eduardo Perin, Paulo Henrique Pires Aguiar, Luiz Roberto Aguiar (Brazil)
- PP55** *Aggressive rhabdoid meningioma: case report*
(045) **Pinar Karabagli**, **Hakan Karabagli**, Guler Yavas (Turkey)
- PP56** WITHDRAWN
- PP57** *Exophytic ganglioglioma of the optic nerve mimicking pilocytic optic pathway glioma*
(090) **Marcel Kullmann**, Martin Ebinger, Artemisia Dimostheni, **Martin U. Schuhmann** (Germany)
- PP58** *Brain's teeth*
(095) **Patricia Barrio**, Martina Messing-Jünger, Sandra Kunze, Andreas Röhrig, Sergei Persits (Spain, Germany)
- PP59** *Large supratentorial ependymoma in a four month old infant*
(113) **Kresimir S. Duric**, **Jakob Nemir**, **Hrvoje Jednačak**, Antonia Jakovcevic, Pavle Miklic (Croatia)
- PP60** *Pituitary adenoma in monozygotic twins: case report*
(120) **Ibrahim Alatas**, **Huseyin Canaz**, Serhat Baydin, Osman Akdemir, Erhan Emel, Bulent Ozdemir (Turkey)
- PP61** *Our reasons to perform biopsies in Diffuse Intrinsic Pontine Gliomas (DIPG)*
(131) **Santiago Candela Cantó**, Angel Montero Carcaboso, Patricia Puerta Roldán, Mariana Alamar Abril, Jordi Muchart López, Mariona Suñol Capella, Antonio Guillén Quesada, Ioannis Roussos Prindesis, Andrés Morales La Madrid, Jaime Mora Graupera, Ofelia Cruz Martínez, **Gemma García-Fructuoso** (Spain)
- PP62** *Giant calvarial cavernous hemangioma*
(136) **Kanwaljeet Garg**, Pankaj Kumar Singh, Mehar Chand Sharma, Bhawani Shankar Sharma (India)
- PP63** *Neurosurgeon's role in neurocutaneous syndromes*
(183) **Antonino Germanó**, **Rosaria Viola Abbritti** (Italy)
- PP64** *Neuropsychological deterioration predicts tumor progression in a young boy with bithalamic glioma*
(200) **Laura Peruzzi**, Laura Iuvone, **Antonio Ruggiero**, Cesare Colosimo, Maria Chiara Stefanini, Massimo Caldarelli, Riccardo Riccardi (Italy)
- PP65** *"Florealoma" – An unusual intracranial mimic in a child*
(201) **Samyami Sangeeta Chowdhury**, Chandrasekaran Kaliaperumal, Zubair Tahir, Kshitij Mankad, Owase Jeelani



(United Kingdom)

- PP66** *Temozolomide in the treatment of newly diagnosed diffuse brainstem glioma in children*
 (203) **Daniela Rizzo, Maria Scalzone, Antonio Ruggiero, Palma Maurizi, Giorgio Attinà, Stefano Mastrangelo, Ilaria Lazzareschi, Vita Ridola, Cesare Colosimo, Massimo Caldarelli, Mario Balducci, Riccardo Riccardi** (Italy)
- PP67** *Intrauterine intracranial tumors: two case reports*
 (216) **Ibrahim Alatas, Huseyin Canaz, Serhat Baydin, Akin Gokcedag, Mehmet Tokmak, Osman Akdemir, Ali Gedikbaşı** (Turkey)
- PP68** *Extranodal right-optic nerve rosai-dorfman disease: review and a new case*
 (236) **Nemir Jakob, Jednacak Hrvoje, Zarkovic Kamelija, Kresimir Sasa Duric, Miklic Pavle, Paladino Josip** (Croatia)
- PP69** *Secondary Primitive Neuroectodermal Tumour (PNET) after combined treatment for suprasellar germ cells tumor*
 (248) **Amedeo Calisto, Meharpal Sangra, Jairam Sastry, Jennifer Brown** (United Kingdom)
- PP70** *Dysplastic cerebellar gangliocytoma or Lhermitte-Duclos disease: a pediatric case report and literature review*
 (254) **Artur Henrique Galvao Bruno Da Cunha, Suzana Maria Bezerra Serra, Isabella Silverio Almeida Lira** (Brazil)

SESSION 14: Endoscopy

POSTER PRESENTATIONS PP71-PP74

- PP71** *Cerebellopontine angle arachnoid cyst treated by endoscopic transventricular approach*
 (020) **Ametz Sagarrabay, Miguel Correia, Mário Matos, António Batista, Carla Conceição** (Portugal)
- PP72** *Neuroendoscopic treatment of intracranial lesions in children*
 (049) **Marian Korsic** (Slovenia)
- PP73** *Endoscopic treatment of a complex multiloculated hydrocephalus in a newborn*
 (054) **Silvana Tumbiolo, Ettore Fiumara, Michela Alba, Mario Cilona, Nicola Cassata** (Italy)
- PP74** *Synchronous neuroendoscopic and microsurgical resection of 3rd ventricle craniopharyngioma*
 (204) **Piero Andrea Oppido, Fabio Cattani, Alfredo Pompili** (Italy)