

Poster # Primary Author Title

Cognitive/Behavioral Disorders

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| 1 | Elkhatib S | Socioeconomic Status and Sleep in Children with Autism Spectrum Disorder |
| 2 | O'Neill M | Estimated Prevalence of Developmental Regression Among Children Referred to a Down Syndrome Clinic |
| 3 | Quezada J | Ethical dilemma: Pediatric Kluver-Bucy Syndrome, Pushing the Boundaries Between Psychosurgery and Epilepsy Surgery |
| 4 | Svoboda M | The IPAD (Interactive Pediatric Application Device) Use Study |
| 5 | Ziobro J | Brain Injury Multidisciplinary Rounds (BIMR): A Quality Improvement Initiative |
| 6 | Selman J | Hospital |

Infections/Neuroimmunology

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| 7 | Selman J | Outcome of 24 Children with Anti-NMDA Receptor Encephalitis Admitted to a Pediatric Rehabilitation Hospital |
| 8 | Fernandes A | Preliminary Neurological Findings from a Prospective Cohort of Children Exposed to Zika Virus During Pregnancy |
| 9 | Tomko S | Characterization of Inflammatory Bowel Disease-Associated Epilepsy in Children |
| 10 | Gorman M | Number of Relapses Predicts Lower Intelligence Quotient in Pediatric-Onset Opsoclonus-Myoclonus Syndrome |
| 11 | Hopkins S | Acute Flaccid Myelitis at the Children's Hospital of Philadelphia: Baseline Occurrence and Recent Clusters |
| 12 | Kuwabara N | Analysis of a Series of Patients with Acute Flaccid Myelitis (AFM) Presenting to a Tertiary Care Referral Center |
| 13 | Mochida G | Reduced Embryonic Survival and Microcephaly in a New Mouse Model of Congenital Zika Virus Infection |
| 14 | Vaidyanathan V | Comparison of Epidemiology and Clinical Characteristics of Enterovirus and Parechovirus Central Nervous System Infections in Infants During the First Three Weeks of Life: A 6-year Single-Center Retrospective Study from 2011-2016 |
| 15 | Gordon-Lipkin E | Quantitative Clinical and Neuroimaging Profiles in Acute Flaccid Myelitis. |

Demyelinating Disorders

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| 16 | Gordon-Lipkin E | Neuropsychological Profiles in Pediatric Neuromyelitis Optica Spectrum Disorder |
| 17 | Van Haren K | CD14+ Monocyte Transcriptomes from Multiple Sclerosis Patients Enrolled in a Clinical Trial of Vitamin D Highlights Metabolic Pathways Relevant to Immune Regulation |

Brain Tumors/Oncology

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| 18 | Song H | Novel role for NFIA-NFkB in Glioma Malignant Behavior |
| 19 | Stasheff S | and Visual Loss |

Epilepsy

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| 20 | Badalamenti V | Patients with Epilepsy |
| 21 | Wirrell E | Ketogenic Diet Therapy in Infants: Efficacy and Tolerability |
| 22 | Wirrell E | Cannabidiol (CBD) Significantly Reduces Drop and Total Seizure Frequency in Lennox Gastaut Syndrome (LGS): Results of a Dose Ranging, Multicenter, Randomized, Double Blind, Placebo Controlled Trial (GWPCARE3) |
| 23 | Bhalla S | Spinal Epidural Lipomatosis and Vigabatrin Associated Brain Abnormalities on Magnetic Resonance Imaging (VABAM) with Standard Therapies for Infantile Spasms (IS) |
| 24 | Franz D | Sustained Seizure Reduction With Adjunctive Everolimus for Treatment-Refractory Seizures Associated With Tuberous Sclerosis Complex (TSC): Long-Term Results From the Phase 3 EXIST-3 Study |
| 25 | Franz D | Psychometric Evaluation of Quality of Life in a Three-Arm, Randomized, Double-Blind, Placebo-Controlled Phase 3 Study of Everolimus as Adjunctive Therapy in Patients With Tuberous Sclerosis Complex (TSC) Who Have Refractory |
| 26 | Franz D | Efficacy and Safety of Adjunctive Everolimus for Treatment-Refractory Seizures Associated With Tuberous Sclerosis Complex (TSC) in Children Under 6 Years of Age: Results From the Phase 3 EXIST-3 Extension Phase |
| 27 | Bieber D | Stretch Syncope at a Tertiary Care Center: A Case Series |
| 28 | Bonkowsky J | Encephalopathy |
| 29 | Buchhalter J | Caregiver Satisfaction with Receiving the Pediatric Epilepsy Consultation Note |
| 30 | Calley C | May Predict Seizure Onset |
| 31 | Camayd-Munoz C | Capability of Implementing Telehealth in a Pediatric Neurology Population with High Health Disparities |
| 32 | Davis P | Sclerosis Complex |
| 33 | Day A | Pre-symptomatic Treatment of Sturge-Weber Syndrome: Treating SWS Infants with Aspirin and Anticonvulsants |
| 34 | Dudeck L | Sudden Unexplained Death in Epilepsy (SUDEP): Could Antiepileptic Regimens be a Contributing Factor? |
| 35 | Farias-Moeller R | Epilepsy Syndrome. |
| 36 | Farkas V | Efficacy and Tolerability of Adjunctive Lacosamide in Children and Adolescents with Uncontrolled Focal Seizures: A Randomized, Double-Blind, Placebo-Controlled Trial |
| 37 | Gaillard W | Sudden Death in Epilepsy: Knowledge Among Pediatric Providers |
| 38 | Govil-Dalela T | Long-Term Changes in Cerebral Glucose Metabolic Abnormalities in Children with Drug-Resistant Epilepsy |
| 39 | Grefe A | Benefit of an Epilepsy Nurse Navigator in a Pediatric Neurology Clinic |
| 40 | Heath J | Assessing the Impact of Standardized Discharge Processes on Readmission Rates for Patients With Seizures |
| 41 | Hong A | Utility of Prolonged EEG Monitoring Prior to Antiepileptic Drug Withdrawal |
| 42 | Joshi C | Treatment with Cannabidiol (CBD) Significantly Reduces Drop and Total Seizure Frequency in Lennox-Gastaut Syndrome (LGS): Results of a Multicenter, Randomized, Double-Blind, Placebo Controlled Trial (GWPCARE4) |
| 43 | Kincaid M | Management of Refractory Status Epilepticus at a Children's Hospital |

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| 44 | Liu Y | a Genomic Diagnosis |
| 45 | Nunley S | Healthcare Utilization Characteristics for Intranasal Midazolam Versus Rectal Diazepam |
| 46 | Pan X | Partial-Onset Seizures |
| 47 | Pina-Garza J | Improving Detection of LGS |
| 48 | Roberts C | Efficacy and Safety of Adjunctive Everolimus for Treatment-Resistant Focal-Onset Seizures in Tuberous Sclerosis According to Age: Insights From EXIST-3 |
| 49 | Scalais E | Early Onset Epileptic Encephalopathy: Genetic Analysis and Further Delineation of Genotype-Phenotype Correlation |
| 50 | Sergott R | Disease Characteristics, Disposition, and Vision Loss in Pediatric Patients in the Sabril® Registry |
| 51 | Specchio N | Ganaxolone in Children with CDKL5 Gene-Related Epileptic Encephalopathy: Top-Line Data From an Open-Label Trial |
| 52 | Stewart G | Comprehensive High-Throughput Drug Screening in a Cellular Model of KCNQ2 Epileptic Encephalopathy |
| 53 | Treat L | Neurologic Conditions Are Common Among Children Receiving Inpatient Palliative Care |
| 54 | Turkdogan D | Syndromes |
| 55 | Sully K | Variation on a Theme: A Unique Large TSC1 Gene Deletion with "Tuber-less" Tuberous Sclerosis |
| 56 | Armangue T | 26:0 Lysophosphatidylcholine Elevations in Newborn Screening Spots in Aicardi Goutieres Syndrome |
| 57 | Stowe R | Pediatric EEG Patterns in Routine Polysomnography and Risk of Epilepsy |
| 58 | Reyes I | Variable Presenting Symptoms in Siblings Positive for Glucose Transporter Type 1 Deficiency Syndrome (GLUT1-DS) |

Genetics

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| 59 | Reyes I | The Clinical Utility of Targeted-Gene Panel Testing as a Diagnostic Tool in Pediatric Neuromuscular Disorders |
| 60 | Bishay D | Sequencing (WES) |
| 61 | Caron E | KCNQ2 Mutations Mimic Hypoxic Ischemic Encephalopathy |
| 62 | Stowe R | Ketogenic Diet for Refractory Status Epilepticus in an Infant Presenting with Leigh Syndrome Phenotype Due to Novel Lipoyltransferase 1 (LIPT1) Genetic Defect |
| 63 | Perrier S | Recessive Mutations in NDUFA2 Cause Mitochondrial Leukoencephalopathy |
| 64 | Gauquelin L | Clinical Description of POLR3-Related Leukodystrophy Caused by POLR1C Mutations |
| 65 | Gauquelin L | Expanding the Phenotypic Spectrum of POLR3-Related Leukodystrophy |
| 66 | Gropman A | Clinical and Molecular Genetic Analyses of a Rare De Novo Point Mutation in the MT-ATP6 Gene Associated with Maternally Inherited Form of Leigh Syndrome |
| 67 | Johnson W | Possible New Maternally Acting Gene Alleles (MAGAs) in ASD |
| 68 | Querubin J | The Clinical Utility of Targeted Gene Panel Testing as a Diagnostic Tool for Pediatric Neurologic Disorders |
| 69 | Rajan D | Functional Characterization of a Novel Mutation in the Gemin5 gene |

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| 70 | Srivastava S | Cerebellar Volume as a Neuroimaging Marker of Developmental Abilities in Infants with Tuberous Sclerosis Complex |
| 71 | Teigen C | Diagnostic Yield of Multi-gene Panels for Brain Malformation Disorders |
| 72 | Tinker J | Significance Reported |
| 73 | Weltmer E | Parental Co-Segregation Analysis Significantly Reduces but does not Eliminate VUS Rate in Multi-Gene Panel Testing |
| 74 | Williams J | Developing A Staging System for Juvenile Batten Disease (CLN3 Disease) |

Stroke

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| 75 | Alhadid K | Bone Marrow Transplant Restores Cerebrovascular Reactivity (CVR) in Sickle Cell Disease (SCD): A Case Presentation |
| 76 | Jimenez-Gomez A | Ballismus as a Rare Presenting Sign of Pediatric Ischemic Stroke: Case Report and Review of the Literature |
| 77 | Taylor J | Risk Factors for Mortality in Childhood Stroke in the KID Datasets, 2000-2012 |

Headache/Migraine

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| 78 | Connelly M | Technology: The HAPPY Project |
| 79 | DiSano M | Neuroimaging in a Pediatric Patient Cohort with Papilledema |
| 80 | Lateef T | Familial Transmission of Migraine-Evidence from a High Risk Study |
| 81 | Schwarz A | Predictors of Response to Biofeedback Therapy for Persistent Post-Concussive Headache in Children |
| 82 | Santoro J | Patients |

History/Teaching of Child Neurology

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| 83 | Santoro J | Cluster Randomized Controlled Trial of Disability Education Module in a Core Pediatrics Clerkship |
| 84 | Feist T | 2016 |
| 85 | Javarayee P | Pediatric Neurology Training Around the World |
| 86 | Nelson A | Measures and the Confidence Trap |
| 87 | Rogers D | Russian/U.S. Collaboration to Improve Care for Children with Developmental Disabilities: Process and Early Outcomes |
| 88 | Sato A | Knowledge, Comfort, and Practice of Palliative Care by Child Neurologists |
| 89 | Vasiliadis A | Utility of a Daily Safety Huddle on a Pediatric Neurohospitalist Service |

Movement Disorders

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| 90 | Harris H | Comparison of Children Diagnosed with Cerebral Palsy in a Private Cord Blood Bank to Children Diagnosed with Cerebral Palsy in a US Epidemiological Sample |
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| 91 | Poirier-Blanchette L | Comorbidities as Early Markers of Developmental Coordination Disorders in Children: Report of 29 Patients |
| 92 | Troxell R | Parkinson Features in Two Patients with 6q.22.1micro-deletion |
| 93 | Wu S | Clinical Outcome and Kinematic Analysis of a Young Child with DYT6 after GPi DBS |

Neonatal Neurology

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| 94 | Carrasco M | Temporal Evolution of Diffusion Tensor Imaging (DTI) Findings in the Corpus Callosum and Other Brain Regions in Neonatal Hypoxic Ischemic Injury (HII) |
| 95 | Chen D | Diagnostic and Therapeutic Approach to KCNQ2-Associated Early Infantile Epileptic Encephalopathies |
| 96 | Din F | Neonatal Stroke: Maternofetal risk factors, Presentation and Long Term Outcome |
| 97 | Drace A | Encephalopathic Neonates |
| 98 | Mahfooz N | Optimal Duration of Continuous Video-Electroencephalography in Term Infants with Hypoxic-Ischemic Encephalopathy and Therapeutic Hypothermia |
| 99 | Mittal N | Bumetanide May Play a Neuro-Protective Role in Developing Neonatal Rat Brain by Reversing Effects of Intermittent Hypoxia on Neuro-Inflammation |

Neuroimaging

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| 100 | Ashwal A | White Matter Disruption in Moderate and Severe Pediatric Traumatic Brain Injury: A Longitudinal Analysis |
| 101 | Ashwal A | Early NAA Reductions Predict Neuropsychological Outcomes After Pediatric TBI |
| 102 | Desai J | Lower Perfusion in Broca's Region in Persons Who Stutter |
| 103 | Ikonomidou c | Quantitative Ultrasound Detects Apoptotic Cell Death Induced by Sevoflurane in the Neonatal Rhesus Monkey Brain |
| 104 | Ismail f | Using Diffusion Tensor Imaging Based Measurements to Predict Outcomes of Constraint Induced Movement Therapy in Children with Hemiplegic Cerebral Palsy |
| 105 | Kim J | Metabolic Correlates of Reorganization of Cognitive Functions in Children with Unilateral Sturge-Weber Syndrome |
| 106 | Tully H | Factors Associated with Hydrocephalus Among Children with Craniosynostosis |
| 107 | Zielinski B | Network-Level Structural Covariance in the Pediatric Brain |

Neuromuscular Disorders

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| 108 | Al-Ramadhani R | Clinical Characteristics of Children with Postural Orthostatic Tachycardia Syndrome (POTS) |
| 109 | Balasa A | Rituximab for Autoimmune Disorders of Nerve and Muscle Hyperexcitability |
| 110 | Christou Y | Thirty Months of Treatment of a Patient with Pantothenate Kinase-Associated Neurodegeneration (PKAN) with Fosmetpantotate (RE-024), A Phosphopantothenate Replacement Therapy |
| 111 | Colan S | Treated Patients |

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| 112 | Day J | Minimal Important Difference and 4000L Alglucosidase Alfa Effect Size of the Gross Motor Function Measure-88 (GMFM-88) in Pompe Disease: Distribution-Based Estimates from ADVANCE |
| 113 | Delgado M | Limb Spasticity |
| 114 | Entezam A | Neuromuscular and Epilepsy Panels |
| 115 | Espinoza A | The Epidemiology of Infantile Botulism in Utah |
| 116 | Golla S | Prevalence of Neurocognitive and Behavioral Impairment in Individuals with DMD(Duchenne Muscular dystrophy) ,BMD(Becker Muscular Dystrophy) and DMD Carriers |
| 117 | Karol M | Fosmetpantotenate (RE-024) for Pantothenate Kinase-Associated Neurodegeneration (PKAN): Maximum Tolerated Dose (MTD) and Therapeutic-Dose Food Effect Studies in Adult Healthy Volunteers |
| 118 | Luke R | Pure Sensory Polyneuropathy in Childhood |
| 119 | Mondok L | Thymectomy Outcomes in Pediatric Ocular Myasthenia Gravis |
| 120 | Patel R | Clinical and Electrodiagnostic Follow-Up of Acute Flaccid Myelitis (AFM) Cases from Atlanta, Georgia |
| 121 | Pochiraju S | Maturation of Motor Sensory Nerve Conduction Velocity in Infants and Young Children |
| 122 | Pulgar S | in the United States |
| 123 | Sarnat H | Novel Pathogenesis of Isolated and Syndromic Congenital Ptosis: 33 Cases |
| 124 | Siegel B | Sleep and Physical Activity Correlates of Quality of Life in Duchenne Muscular Dystrophy |
| 125 | Sproule D | AVXS-101 Phase 1 Gene Replacement Therapy Clinical Trial in SMA Type 1: Patients Treated Early with the Proposed Therapeutic Dose Were Able to Sit Unassisted at a Younger Age |
| 126 | Tilton A | Safety and Tolerability of AbobotulinumtoxinA in the Management of Pediatric Lower Limb Spasticity: Pooled Analysis of Repeat Injection, Open-Label Trials |
| 127 | Tilton A | Safety Profile of AbobotulinumtoxinA for Lower Limb Spasticity in Preschool Aged Children (2-5 years) Compared with Older Children: Pooled Analysis of Controlled Clinical Trials |
| 128 | Thongsing A | Health-Related Quality of Life and Associated Factors in Children and Adolescent with Duchenne Muscular Dystrophy |

Translational/Experimental Therapeutics

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| 129 | de los Reyes E | Long-Term Safety and Efficacy of Intracerebroventricular Enzyme Replacement Therapy with Cerliponase Alfa in Children with CLN2 Disease: Interim Results from an Ongoing Multicenter, Multinational Extension Study |
| 130 | de Castro Lopez M | Preliminary Safety and Pharmacodynamic Response Data from a Phase 1/2 Study of ICV BMN 250, A Novel Enzyme Replacement Therapy for the Treatment of Sanfilippo Syndrome Type B (MPS IIIB) |
| 131 | Shaywitz A | Design and Rationale of Ongoing Observational and Treatment Studies for BMN 250, A Novel Enzyme Replacement Therapy for Sanfilippo Syndrome Type B (MPS IIIB) |

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| 132 | Berry-Kravis E | Arrest of Progression of Niemann-Pick Type C1 (NPC) With Intrathecal 2-Hydroxypropyl- β -Cyclodextrin (VTS-270) In Multiple Neurological Domains for 3 Years |
| 133 | Eichler F | Autologous Hematopoietic Stem Cell Gene Therapy for Cerebral Adrenoleukodystrophy – Interim Results and Initial Long-Term Follow-Up of an International Clinical Study |
| 134 | Johnson T | Impressions of a Novel Cup for Individuals with Cerebral Palsy |
| 135 | Scafidi J | Age-Dependent Cellular and Behavioral Deficits Induced by Molecularly Targeted Drugs are Reversible |
| 136 | Wang Y | A Double-Blind, Placebo-Controlled, Randomized-Withdrawal, Multicenter Study on the Efficacy and Safety of Sodium Oxybate in Pediatric Subjects with Narcolepsy with Cataplexy |

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| 137 | Vierhile A | Feasibility of Providing Pediatric Neurology Telemedicine Care to Youth with Headache |
| 138 | Pezzuto T | How important is Headache Hygiene? |
| 139 | Pezzuto T | Response to the Cefaly Device in Pediatric and Adolescent Intractable Migraine Population |
| 140 | Rhee J | Childhood Cerebral xALD Presentation and Progression Following Cardiac Arrest |
| 141 | Nunn D | Baclofen Pump: A Case Report |
| 142 | Laine R | Pilot Study of a Continuous Sedation Protocol to Combine Sedated Brain MRI with Lumbar Puncture |
| 143 | Carter C | Intranasal Midazolam: Ensuring an Effective Abortive Treatment for Seizures is Accessible to Patients |
| 144 | Chee C | Strengthening Relationships Between the School and Keto Team Through a Needs Assessment |