



32nd EUROPEAN ACADEMY OF CHILDHOOD DISABILITY ANNUAL MEETING – 2020

FROM CHILDHOOD TO ADULTHOOD WITH DISABILITY

POLAND, POZNAN, 17–20 June 2020



Wednesday, 17th June 2020

	HALL 1 GPEC SYMPOSIUM	HALL 2 MUSCULOSKELETAL DISORDERS	HALL 3 COMORBIDITIES	HALL 4 TECHNOLOGICAL SUPPORT OF THE REHABILITATION PROCESS	HALL 5 NEUROPLASTICITY	HALL 6 PANDa
9:15–9:45	TBD					TBD
14:00–17:00	TBD					TBD





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Thursday, 18th June 2020

	HALL 1 MUSCULOSKELETAL DISORDERS	HALL 2 COMORBIDITIES	HALL 3 TECHNOLOGICAL SUPPORT OF THE REHABILITATION PROCESS	HALL 4 NEUROPLASTICITY	HALL 5 GENE THERAPY, STEM CELL THERAPY, NEUROPROTECTION THERAPY	HALL 6 INNOVATION IN DIAGNOSTICS AND ASSESSMENTS
7:30–8:30	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS
	00064 Sian Williams, Dayna Pool, N. Susan Stott Early muscle health in cerebral palsy: Moving towards an Integrated Functional Approach	00208 Melissa Gladstone, Egnar Longo, Veronica Schiatti Creation of a core outcome set linked to the ICF-CY for children With Congenital TORCH or ZIKV infections.	00153 Anna McCormick, Hana Akdeniz, Deborah Gaebler-Spira, Hubertus van Hedel, Eduardo Rocon Neurorehabilitation Technology Advancements Across the Lifespan: Translational technology from childhood adolescence into adulthood. Is it Hype or Hope?	00395 Johanna Gaytenbeek, Emma Valliant, Haad Verbeek, R. Jeroen Vermeulen, Kim Oostrom, Kristine Saadskiev, Annemieke I. Buijzer Early insight in and long-term language development of children and adults with cerebral palsy	00154 Anna McCormick, Hubertus van Hedel, Sebastian Schroeder, Virginia Wright, Edward Dabrowski Creating Capacity for Robotic Technology in Neurorehabilitation Across the Lifespan: A Multi-Center International Experience.	
9:15–9:45	OPENING CEREMONY Bernard Dan Lifespan development with a neurodevelopmental disorder					
9:45–10:45	KEYNOTES LECTURES Anna Kostera Pruszczyk Changing perspective on Spinal Muscular Atrophy: from pediatric to adult care Beata Batorowicz Opening doors to meaningful life participation					
10:45–11:15	COFFEE BREAK + POSTER SESSION					
11:15–13:30	IC 000314 Amanda O'Sullivan, Denise McDonald, Adrienne Gillen Has there been a change in the use of Botulinum Toxin Injection as part of the management of Spasticity in Cerebral Palsy? A review of service 2015–2019.	IC 00430 Elisabet Rodby-Bousquet, Redun Jahnsen, Jennifer Ryan, Sarah Bechtman Health outcomes, how do we meet medical and rehabilitation needs in adults with cerebral palsy?	IC 00307 Anke Vermeir, Ingrid Van den Tilhaar, Judith Van Munster, Pauline Aerts Video coaching in home-based upper limb training programs, for babies and toddlers with (a high risk of developing) unilateral Cerebral Palsy	IC 00466 Małgorzata Smurło, Uliana Kimont From early functional diagnosis to optimal intervention	NATIONAL COORDINATORS MEETING	MOVEMENT EUROPEAN DYSKINETIC CP NETWORKING MEETING
13:30–14:30	LUNCH					
14:30–15:30	KEYNOTES LECTURES MUSCULOSKELETAL DISORDERS PLENARY SESSIONS Ailank Chambers A view from both sides Mauricio Delgado Not CP but HSP					
15:35–16:50	IC 00018 Virginia Pales, Elisabeth Rodby-Bousquet Therapeutic Interventions for Young Children with Hypotonia Young Children with Hypotonia?	IC 00449 Ozman S. Dr. Isiroglu, Gerhard Klossch, Rosalia Silvestri Triaging "Disruptive Sleep & Wake-Behaviours" for further Assessment in Specialized Clinics: A Clinical Practice Guideline for Practitioners without Sleep Medicine Training	IC 00265 Rory O'Sullivan, Jordana Maron The use of instrumented gait analysis to aid with surgical decision making in ambulant cerebral palsy	IC 00197 Sarah Readman, Robyn Boyd, Salszewski Leanne What's inside the black box of participation-focused interventions?	EBDTA	EPDS
16:50–18:00	OC SPINE, MOVEMENT AND TREATMENT OUTCOMES 00130 Katrina Petterson, Elisabeth Rodby-Bousquet Children with cerebral palsy and scoliosis – can we predict the risk to develop severe scoliosis as an teenager? 00287 Jens Luszczewski, Marcin Jarczyk, Marcin Handera, Krystyna Starczyk Fluctuations of motor functions in postoperative course in children treated for lower limbs spasticity by selective dorsal rhizotomy 00308 Kamil Uzun Akkaya, Bulent Elbasan An Investigation of the Effect of the Lower Extremity Sensation on Gait Parameters in Children with Cerebral Palsy 00115 Tanyawat Saisongroch, M. Wade Strader, Julianne P. Sees, Chris Church, Nancy Lennon, Freeman Miller Effect of Pediatric Orthopedic Intervention on Ambulatory Adults with Cerebral Palsy: A long-term longitudinal assessment 00443 Kubra Seyhan, Mintaze Kerem Günel, Ece Ünü Akyüz How does the daily usage duration of different types of orthotics and assistive devices related lower extremity selective motor control, gait, and activity level in children with ambulatory Cerebral Palsy? 00473 Mathieu Lempereur, Sylvain Brochard, Olivier Rémy-Néris, Jaëlia Houa, Christelle Pons, Shihuan Bonville Biomechanical consequences of equinus deformity on gait for children with Cerebral Palsy 00424 Małgorzata Domagala-Szopa, Andrzej Szopa, Andrzej Swiec, Sona Wawroń, Corneliaeac Canonical correlation between body posture deviations and gait disorders in children with cerebral palsy"	OC EPIDEMIOLOGY, COMMUNICATION, PAIN 00420 Irat Jahan, Mohammad Muht, Mahmudul Hassan Ali Imam, Tasneem Karim, Denny Hardjanto, Amir Banjarja Chhetri, Francis Lanyia, Hayley Smithers-Sheedy, Sarah McIntyre, Nadia Badawi, Gulam Khandaker Epidemiology of cerebral palsy (CP) in low and middle-income countries (LMICs) – findings from an international multi-centre CP-Registry in LMICs 00024 Clare McKinnon, Adrienne Harvey, Paul Morgan, Gulliana Antolovich, Jermi White Lived experience of children and adolescents with cerebral palsy and chronic pain and dyskinesia 00431 Emma Valliant, Johanna I.H. Gaytenbeek, Kim J. Oostrom, R. Jeroen Vermeulen, Annemieke I. Buijzer Communication and language learning in cerebral palsy: A longitudinal study of spoken language comprehension and its associated factors. 00264 Juliet Goldbart, Jill Bradshaw, Susan Buel, Darren Chadwick, Jean Ware Communication intervention for children with Profound Intellectual and Multiple Disabilities (PIMD): Lessons for research and practice from a systematic review. 00196 Shalini Lal, Stephanie Tremblay, Méline Mauger-Lavigne, Dana Anaby Mental Health of Young People with Childhood-Onset Physical Disabilities: A Scoping Review 00205 Diana Aksamit Adulthood of people with profound intellectual disability in the subjective assessment of their mothers 00261 Shalini Lal, Stephanie Tremblay, Méline Mauger-Lavigne, Dana Anaby Mental Health of Young People with Childhood-Onset Physical Disabilities: A Scoping Review	OC ROBOTICS, VIRTUAL REALITY 00091 Remo Russo, Chris Innes-Wong, Sophie Leffman, Susan Hillier What are the benefits of robotic-assisted rehabilitation compared to conventional therapy? A randomised controlled cross-over clinical trial in children with acquired brain injury. 00365 Ehab Waly Does robotic gait training add benefits to non-ambulant children with spastic cerebral palsy? A pilot study 00175 Dayna Pool, Catherine Elliott, Jane Valentine Is Robotic Assisted Gait Training more effective than Partial Weight Bearing Treadmill Training alone? A randomised controlled trial 00220 Cressens Rita, Hallermanns, Anni, Truyen Shewen, Ego Francisco, Lebeer Jo Walking in the Hibot, an innovative walking aid improves gait characteristics in children with cerebral palsy: a cross-sectional study 00434 Giuseppina Spandura, Elena Beani, Chiara Capone, Silvia Perazza, Elisa Scila, Giovanni Cioni Virtual balance training for the postural control in Diplegic Cerebral Palsy: a single case study 00150 Alfian Masoud, Syamal Buragadda, Elias Ali, Elia Exergaming to reduce fatigue in children with leukemia: a pilot Study 00363 Marilyn Bradbury, Clive Thursfield, William Farr Easy Access, Easy Use Factors Influencing Active Video Gaming in Children who use Wheelchairs	OC NEUROPLASTICITY IN CEBRAL PALSY 00127 Cristina Simon-Martinez, Lisa Decraene, Eva Van Hoof, Ingar Zielinski, Brian Hoare, Bert Steenberg, Els Oribus, Lisa Malleux, Hilde Fey, Katrin Kingels The impact of brain lesion features and corticospinal tract wiring pattern on mirror movement characteristics in children with unilateral cerebral palsy 00125 Cristina Simon-Martinez, Lisa Malleux, Jasmine Hoskens, Els Oribus, Ellen Jaspers, Nicole Wierbrocht, Giuseppina Spandura, Giovanni Cioni, Guy Molenaers, Katrin Kingels, Hilde Fey Randomized controlled trial combining constraint-induced movement therapy and action-observation training in unilateral cerebral palsy: clinical effects and influencing factors of treatment response 00173 Dayna Pool, Lauren West, Georgina Jones, Sophia Gribben, Regina Bochot, Lucy Fitzsimons Play based, interdisciplinary locomotor training for pre-school aged children with cerebral palsy addresses individual activity and participation goals. 00344 Jill Heathcock, Kim Scott, Cardenia Barbosa, Jess Lewis Gross motor function and mobility changes are similar using clinical outcomes assessment and parent report after 40 hours of a motor learning-based intervention in children with Cerebral Palsy 00178 Yvonne Milton, Sarah Roe, Katie Newby Facilitators and barriers to delivering evidence-informed home programmes for children with cerebral palsy: Identifying strategies to support knowledge translation. Results from a study in the United Kingdom 00110 Lorna Wales Rehabilitation outcomes of young children following Acquired Brain Injury 00437 Roberta Scalise, Valentina Menici, Roberta Di Pietro, Giuseppina Spandura, Giovanni Cioni, Roberta Battini Evaluation, by Movement Disorders Childhood Rating Scale, of the effects of intrathecal baclofen in children with dyskinetic cerebral palsy	ESHAC	OC INNOVATION IN DIAGNOSTICS AND ASSESSMENTS 00444 Elena Beani, Nicola Mazzanti, Gada Martini, Beatrice Ceragoli, Francesco Lenzi, Eva Gudi, Giovanni Cioni, Giuseppina Spandura VRRS system for the assessment of postural control while standing in typical children and peers with Neurodevelopmental Disorders 00307 The Dyskinesia Functional Impact Scale: a new tool to measure the impact of dyskinesia on everyday activities 00439 Riccardo Rizzi, Valentina Menici, Veronica Barzacchi, Elena Beani, Gada Martini, Martina Orlando, Matteo Ciampetti, Giovanni Cioni, Giuseppina Spandura Early prediction of neurodevelopmental disorders in high-risk infants using the Infant Motor Profile 00267 Sofira Mastroyianni, Marianna Petra, Irene Nikolina, Maria Koutsaki, Maria Pyrgelli, Elena Bouza, Margarita Tsaki, George Diamantou, Zoe Dalivigia, Stella Mouskou, Konstantinos Vouras, Argynios Dimopoulos, Helen Skoufeli, Antigone Papanicolaou Correlation of intellectual ability with gestational age and pattern of brain MRI findings according to SCPE-MRICS in a population-based cohort of patients with cerebral palsy (CP). 00165 Corrin Walmsley, Amity Campbell, Catherine Elliott, Simon Garbellini, Christine Innes, Sian-Williams Exploring whether wearable sensors can be used as an alternative to the goniometer to measure passive wrist extension in children with cerebral palsy. 00258 Soyma Kilicoglu, Bulent Elbasan The Investigation of the Validity and Reliability of Turkish Version of Test of Arm Selective Control (TASC) and Effect of Upper Extremity Selective Motor Control on Gross Motor Function of Children with Spastic Cerebral Palsy 00432 Giuseppina Spandura, Elena Beani, Valentina Menici, Serena Carbone, Roberta Scalise, Roberta Battini, Giovanni Cioni Innovative approach to the assessment of upper limb movements in children with Neurodevelopmental Disorders 00045 Nickolas Nahn, Freeman Miller, Ahmet Imarci, Kenneth Rogers, Julianne P. Sees Not All SEMLS Are Created Equal: a New Scoring System for Quantifying Lower Extremity Single Event Multilevel Surgery (SEMLS) for Patients with Cerebral Palsy 00378 Bart Kowalczyk, Anna Kuznik-Buziewicz MD, Alicja Fgfar MD, PT, Bogusław Barań PT Grading system for contractures' severity assessment in children with amyoplasia. 00445 Unni Narayanan, Rachel Molino, Clarissa Encisa, Shannon Weir Further Validation of the Gait Outcomes Assessment List (GOAL) Questionnaire: A goal-based outcome measure for ambulatory cerebral palsy.





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Friday, 19th June 2020

	HALL 1 MUSCULOSKELETAL DISORDERS	HALL 2 COMORBIDITIES	HALL 3 TECHNOLOGICAL SUPPORT OF THE REHABILITATION PROCESS	HALL 4 NEUROPLASTICITY	HALL 5 PANDa	HALL 6 ORTHOPEADIC SESSION, HIP SESSION
7:30–8:30	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS
	00270 Elisabet Rodby-Bousquet, Pål M. Hechval, Erika Cloud, Jenny Hedberg, Johanna Petersson From childhood to adulthood with cerebral palsy: CPUP – a multi- professional surveillance programme through the lifespan	00393 Elisabet Rodby-Bousquet, Mark Peterson, Reidun Johnsen, Emma Livingstone-Jacob, Alan Chetlin Special interest group (SIG) – Adults with childhood onset disabilities	00313 Annemieke Bultzer, Annet Dalmeijer, Margjelein van der Krogt Systematic clinical reasoning for the treatment of gait problems in cerebral palsy	00304 Sheila McNeill, Alison Hountestehen Reducing sedentary behaviour in children with cerebral palsy, CMFCS III-V*	PANDa Beata Batorowicz, Magdalena Gryczman Augmentative Alternative Communication – parent as a communication partner, tools and strategies for successful augmentative and alternative communication in the family environment*	00137 Esther van Bommel, Cornie van der Weijde, Peter Jongerius, Arno ten Ham, Hargemeke van Gelder Single Event Multilevel Surgery (SEMLS) in children with Cerebral Palsy (CP): the multidisciplinary process of clinical reasoning and a accurate guideline for a rehabilitation treatment*
9:30–9:45	KEYNOTES LECTURES COMORBIDITIES PLENARY SESSIONS Bryony Boreford Parents and transition: out of place, or put in the wrong place? Peter Rosenbaum Feeding back to feed forward: How do we use lessons from adults' experiences to impact children and families?					
9:30–10:45	MAC KEITH PRESS & EACD THE FORUM: THE FUTURE OF CHILDHOOD DISABILITY					
10:45–11:15	COFFEE BREAK + POSTER SESSION					
11:15–12:45	OC CELEBRAL PALSY – UPPER XTREHNTY AND TREATMENT OUTCOMES 00112 M. Wade Shrader, Nancy Lennon, Chris Church, William Robinson, John Henley, Tim Niles, Julianne P. Sees, Freeman Miller Long Term Patient Reported Outcomes of Physical Function, Life Satisfaction, and Pain in Young Adults with Cerebral Palsy 00114 Nancy Lennon, Chris Church, M. Wade Shrader, William Robinson, Jose de Jesus Salazar-Torres, John Henley, Tim Niles, Julianne P. Sees, Freeman Miller Long Term Outcomes of Ambulatory Function in Adults with Cerebral Palsy: Evaluating Change from Adolescence 00201 Melanie Geijen, Margjolin Ketelaar, Leanne Sakzewski, Robert Pallasano, Eugene Rameckers Defining Functional Therapy in Research Involving Children with Cerebral Palsy: A Systematic Review 00230 Ece Aclikbas, Devrim Tazkaya, Mery Budak, Tugce Tahmaz Comparison of the effectiveness of two different physiotherapy methods applied to hand screen extracts in spastic cerebral palsy children 00294 Volodymyr Kozynskyi, Oleh Kachmar, Anna Kuchnir, Bohdana Fedchyshyn, Nataliia Melekh Hand function in children with cerebral palsy undergoing intensive neurophysiological rehabilitation: a pilot study 00164 Corrin Wainstay, Emily Campbell, Catherine Elliott, Christine Imms, Sam Williams Early changes: a comparison of wrist and elbow kinematics in young children with and without cerebral palsy 00456 Merve Turcudemir, Mintaze Kerem Gunel Examination of the Effect of Upper Extremity Selective Motor Control on Activity and Participation in Children with Cerebral Palsy 00402 Paulina Nowak, Marek Jozwiak, Malgorzata Smurlo, Maciej Glowacki, Ewa Mielniczak, Anna Krzyzanska, Urszula Narynska Correlation between gross motor function and health-related quality of life in children with cerebral palsy 00451 Galaad Torri, Francisco Javier Fernandez-Rego, Juan Jose Aguiar-Arenas, Antonia Gomez-Conesa Effect of physical therapy in the promotion of bone mineralization in preterm infants. A randomized clinical trial.	OC ASSESSMENT AND INTERVENTION 00276 De Boeck-Edelmeire, Oriksa, Eka, De Smidt Bent, Eggen, Est Interventions to improve executive functioning in children with cerebral palsy: a systematic review 00310 Daniele Soares-Marangoni, Natalia Tedesco, Andressa Franca, Elaine Raniero, Lella Mery, Walusa Gonçalves-Ferre Hydrokinesiotherapy in hospitalized preterm newborns: randomized controlled trial 00223 Buse Bora Sarici, Semra Khasron Uysal, Semra Topuz Which One is More Effective for the Gait in Children With Multiple Disabilities: Tactile Stimuli or Audible Stimuli? 00335 Rachel Rapson Differences in dynamic balance while stepping in children with cerebral palsy and typically developing children. 00347 Eda Burg, Cemil Ozal, Mintaze Kerem Gunel Body structure and Function, Activity and Participation Outcomes in Children with Dystonia and Choreoathetosis Cerebral Palsy 000348 Eda Burg, Cemil Ozal, Mintaze Kerem Gunel Relationship among the Gross Motor Function Classification System (GMFCS), the Manual Ability Classification System (MACS), the Eating and Drinking Ability Classification System (EDACS), the Communication Function Classification System (CFCSS) and Participation levels (Life Habits-LIFE-H) in Children Dyskinetic Cerebral Palsy 00446 Colina N. Carber, Didier Casar, Christopher J. Newman Children with Cerebral Palsy have a weakened sense of ownership of their impaired hand 00052 Rameez Qudus, Nancy Lennon, Timothy Niles, John Kee, Jennifer Ty, Julianne P. Sees Minimal Correlation Between Pediatric Outcomes Data Collection Instrument (PDOC) and Shriners Hospital Upper Extremity Evaluation (SHUEE) Scores in Unilateral Hemiplegic Cerebral Palsy 00322 Gülser Sirtbaş, Dilek Nispetoglu, Ayşe Livanoglu Comparison of Physical Fitness, Activity and Quality of Life of the Children with Epilepsy and Their Healthy Peers 00218 Tugce Tahmaz, Devrim Tarakci, Ece Aclikbas Investigation of physical activity levels in disabled individuals with special needs education	OC GAIT ANALYSIS, ORTHOTICS 00138 Rory O'Sullivan, Malanna Carlsbury, Damien Korman, Donna Fisher, Aoife Quinn Video vector analysis: a clinical service audit 00422 Cemil Ozal, Mintaze Kerem Gunel Effects of Unsupported Treadmill Training on Postural Control, Balance and Gait in Children with Spastic Diplegic Cerebral Palsy 00057 Natalia Chabanenko, Valeriy Zikov, Pavel Sokolov, Elena Bukereva, Tatyana Sednenkova Proprioceptive walking simulation in the correction of motor deficiency in young children 00206 Anna Hebda-Boon, Xiang Li Tan, Ricarda Tillmann, Dylan Morrissey The effects of instrumented gait analysis in multidisciplinary orthopaedic treatment of cerebral palsy: a systematic review. 00337 Rachel Rapson, Jonathan Manden, Jonathan Manden, Vasiliki Pittsouri, Benoit Carter, Jos Latour Intra- and inter-rater reliability of a test of dynamic balance during stepping in children with cerebral palsy and typical development. 00156 Anna Hebda-Boon, Claudia Maizen, Gregory B. Firth, Paulien Bijlma Maximising impact of gait analysis reports on non-surgical management of children with neurodisability – clinical service evaluation. 00311 Annet Dalmeijer, Shanne Rood, Laura Oudehoven, Margjelein van der Krogt, Edie Muschelans, Petra van Schie, Annemiek Bultzer Energy cost of walking improves after selective dorsal rhizotomy in children with spastic paresis 00274 Monika Wojciechowska, Bart Kowalczyk, Michał Gutwaj PT, Krzysztof Krasowicz AFO with dynamic carbon fibers improves selected gait parameters in children with arthrogryposis 00140 Reidun Johnsen, Sonja Elkjær Use and benefits of ankle-foot-orthoses in children and youth with cerebral palsy – a register based study 00384 Albert Fupak Orthoses and orthopaedic technical devices in proximal spinal muscular atrophy (SMA)	OC EARLY DETECTION/EARLY INTERVENTION 00302 Francyne Finlayson, Joy Gilmer, Sazcy Daring, Abbey Eeles, Andrea Guzzetta, Alicia Spittle Supporting Play, Exploration, and Early Development Intervention (SPEED) for Preterm Infants: A Feasibility Study in an Australian Context 00297 Michał Sokolow, Lars Adde, Liliana Klimont, Ewa Piłarska, Malgorzata Halon-Golabek, Rita Handwerker-Korzon, Christa Engstliker Early intervention and its short-term effect on the temporal organization of fidgety movements 00371 Bilge Nur Yurdimci Lokmanoglu, Gülsen Sirbaş, Zeynep Arıkan, Dogan Porsnok, Akmer Mutlu, Ayşe Livanoglu Early motor and sensory development in the preterm infants 00416 Turgay Altıntaş, Zübeyir Sarı, Tuba Derya Dogan, Nilüfer Esiş Hacıoğlu, İpek Akman The effect of early developmental support program based on exploratory behaviors: a pilot parallel randomized controlled study 00120 Gülser Sirtbaş, Bilge Nur Yurdimci-Lokmanoglu, Dogan Porsnok, Zeynep Arıkan, Yusuf Topal, Akmer Mutlu, Ayşe Livanoglu The Detailed Assessment of General Movements in Infants with Myelomeningocele: A Pilot Study 00321 Zeynep Arıkan, Bilge Nur Yurdimci-Lokmanoglu, Gülsen Sirbaş, Dogan Porsnok, Yusuf Topal, Ayşe Livanoglu, Akmer Mutlu General Movements Assessment in Infants with Different Genetic Disorders 00057 The Fidgety Movements and Concurrent Motor Repertoire in Infants with Cystic Fibrosis: A Case-Control Study 00364 Barbu-Roth Marianne, Dumidis Marie-Victorie, Forma Vincent, Anderson David, I. Prosser-Joele, Brian Valérie Effects of early crawling training on the motor development of very premature infants 00230 Roksana Malak, Dorota Sikorska, Marta Rosiak, Ewa Mojs, Włodzimierz Samborski The assessment of sucking reflex in infants at risk of developmental delay	OC PANDa Joanna Cwojdzinska An adult with disability in the Polish system of social care Maria Libura Transition from children's to adults health care system: problems and solutions Mariusz Mituś What shall happen to my grown-up child when I pass away? Is presentation of the project, Support circles building) Izabela Fornalik Sexuality of a person with disability*	00373 Bart Kowalczyk, Harold J.P. van Boven MD, Andrea Jester MD, Ruth Lester MD, Anna Kuznik-Buziewicz MD Arthrogryposis multiplex congenita – overcoming skeletal disabilities in children via surgical treatments – the international perspective.
12:45–13:45	KEYNOTES LECTURES TECHNOLOGICAL SUPPORT OF THE REHABILITATION PROCESS PLENARY SESSION Jaap Harlaar Technology for assessment and therapy in pediatric rehabilitation Deborah Gaebler-Spira Robots to the Rescue is the future now?					
13:45–14:45	LUNCH					
14:45–16:00	OC CELBRAL PALSY – OUTCOME AND DAILY ACTIVITY 00136 Manjula Manikandan, Gemma Cook, Jennifer Ryan, Cherry Kilbridge, Claire Kerr, Aisling Walsh, Elizabeth Cassidy The views and perspectives of adults with cerebral palsy about physiotherapy services 00379 Ecaterina Gincota Surveillance of Cerebral Palsy in Moldova 00413 Ozge Cankaya, Mintaze Kerem Gunel Participation into Leisure activities in children with moderate to severe cerebral palsy: Barriers and Facilitators 00428 Manon Bloemen, Sander Hermans, Stefan Ebers, Ryan Beekhuizen, Vera Langewald, Elise Bolster Does the Behavioural Action Tool improve physical activity coaching by Pediatric Physical Therapists? 00438 Kubra Seyhan, Mintaze Kerem Gunel, Ece Ünlü Akyol How does the trans-disciplinary activity and participation focused therapy model (APFIT) with neurotoxin injection affect activity, participation and parental compliance of children with Cerebral Palsy? An ICF-CY perspective 00447 Sefa Unes, Cemil Ozal, Ozge Cankaya, Merve Turcudemir, Kubra Seyhan, Kovacs Deslogie, Mintaze Kerem Gunel Investigation of body weight and height of preschool children with Cerebral Palsy and comparison with Typically Developing peers 00448 Lonneke van Engelen, Marten Ebbens, Marika Boonzaaijer, Ros van der Put, Elise Bolster, Manon Bloemen Barriers, facilitators and solutions for active inclusive play of children with a physical disability. A qualitative study 00180 Christina Speer, Sylvia Tide, Annika Kuse Racerunning training improves the well-being and quality of life of young adults with cerebral palsy and limited or no walking ability	OC QUALITY OF LIFE, SYSTEM OF CARE 00427 Cemil Ozal, Duygu Turker, Mintaze Kerem Gunel Processes of Care and Quality of life in childhood disabilities: Investigation the relationship 00007 Noula Gibson, A. Marie Blackmore, Katherine Langdon, Monica Cooper, Anne Chang, Adam Jeffs, Wes Ben Kong, Lisa Moshousi, Andrew Wilson Development of a consensus based best practice clinical care pathway to prevent and treat respiratory illness in children with cerebral palsy. 00035 Harinder Jasjaja A new guideline for improvement of quality of life of patients with cerebral palsy. 00135 Manjula Manikandan, Aisling Walsh, Claire Kerr, Jennifer Ryan A mixed methods systematic review of health service use among adults with cerebral palsy 00262 Christine Imms, Cadeylin Casdin, Caren Daeping, Michael Mail, Dinah Reddihough Successfully negotiating life challenges: Learnings from adults with cerebral palsy 00146 Paul Lynch, Harriet Babikako, Muneera Rasheed, Melissa Gladstone, Emmie Mbale 'Loving the broken, strengthening the weak and encouraging the weary...that is what we do!' Qualitative findings from a three country study on how to identify and treat children with neuro-developmental disabilities. 00116 Arun Harharan, Carlos Parga, Margaret Baldwin, Joseph Pettiford, Kenneth Rogers, Julia Jauregui, Suken Shah, Peter Cabos, Kirk Dick Dobney M. Wade Shrader, Freeman Miller, Julianne P. Sees Predicted Life Expectancy in Patients with Cerebral Palsy and Neuromuscular Scoliosis Undergoing Spinal Fusion: An Exploratory Analysis from a Single Institution Over 15-years 00144 Helen Eke, Harriet Hunt, Morwenna Rogers, Rebecca Whear, Annette Allinson, Julia Melluish, Claire Lindsay, Dawna Richardson, June Rogers, Eve Hutton, Nicholas Hasden, Anne Wright, Rob Anderson, Stuart Logan, Jo Thompson-Coon, Christopher Morris Improving Continence for children and young people with Neurodisability (ICoN) study: findings from a cross-sectional survey of current NHS practice and a systematic review of effectiveness, cost-effectiveness and contextual factors that modify implementation of interventions.	OC UPPER EXTREMITY ASSESSMENT, DYSKINETIC CEREBRAL PALSY 00100 Melanie Geijen, Carolien Bastiaenen, Rob Smeets, Eugene Rameckers Exploring relevant parameters and investigating their reproducibility of task-oriented unimanual strength measurement in children with unilateral cerebral palsy 00126 Cristina Simon-Martinez, Lisa Hailaux, Ellen Jaspers, Els Oribius, Kaat Desloovere, Katrin Klingels, Hilde Feys Test-retest reliability of static and dynamic motor fatigability protocols in the upper limb in typically developing children 00134 Brauers Lieke, Bastiaenen Carolien, Smeets Rob, Feys Peter, Klingels Katrin, Rameckers Eugene Test-retest reliability of static and dynamic motor fatigability protocols in the upper limb in typically developing children 00186 Katja Gröglger-Spahn, Anja Smets, Andrija Isenhardt Six months follow-up results after robotic guided training in children with unilateral impairment of upper limb 00467 Cacioppo Marine, Marin Antoine, Rapsent Hélène, Cretual Amel, Bonani Isabelle Movement differences between children with unilateral cerebral palsy and typically developing children assessed with three dimensional motion analysis in bimanual conditions 00149 Helga Haberfehrner, Laura A. Bonourid, Margjelein M. van der Krogt, Jaap Harlaar, Annemiek B. Bultzer Objective assessment of dyskinnesia in cerebral palsy based on markerless motion tracking from video recordings 00394 Isolanda Gil, Maria Vânia Nunes Digital Eye-tracking Analysis Approach on Portuguese Reading: a comparison of cerebral palsy and typically developed children sample 00249 Marek Kluszczyński Innovative handheld device for body posture assessment and orthopedic measurements "Orthometer".	OC EARLY INTERVENTION 00379 Tuba Derya Dogan, Turgay Altıntaş, Ana Maria Serrano, Luis Dias, Ana Raquel Abreu, Bulent Elbazan, Roor Van Lee, Siegfried Hochstetzer, Carolyn Backhouse, Elçin Tenteriz An open-source as a guide for early intervention experts: Vocational Training for Physiotherapists about Family-Centered and Play-Based Approaches in Early Childhood Intervention 00161 Hazel Killeen, Dana Anaby Improving the participation of young children born preterm using the PREP approach 00310 Daniele Soares-Marangoni, Natalia Tedesco, Andressa Franca, Elaine Raniero, Lella Mery, Walusa Gonçalves-Ferre Hydrokinesiotherapy in hospitalized preterm newborns: randomized controlled trial 00390 Ana Poposka Speech and language early intervention in children by age of three 00334 Sinem Asena Sel, Mintaze Kerem Gunel, Mutlu Hayran Development and Initial Validation of the Parents of Children With Cerebral Palsy Compliance on Physiotherapy Home Program Questionnaire: Effects of physical therapists on adherence to home programs of parents who have kids with Cerebral Palsy 00148 Anna Hebda-Boon, Kerry McGarity, Margaret Mayston, Sarah Crombie, Deborah Hunt, Alexandra Hyde, Dany-Allen Hardman Development of an education-based intervention for clinicians to promote child and family centred care in Belarus. 00323 Isabel Catarina Martins, Eulália Albuquerque, Mário Pereira Enhancing participation, creating good memories: an experience of inclusion in Community	OC PANDa Radosław Piotrowicz Functional Developmental Diagnosis and Therapy Katarzyna Świeczkowska A child with disability in the Polish legal system Monika Golubiew A student with special educational needs in the Polish educational system Liliana Klimont A child with disability in the Polish and Norwegian health and social care system (comparison of the systems)	HIP SESSION IC 00483 Umni Narayanan Management of the Hip in Cerebral Palsy - From Evidence to Practice
16:30–18:00	IC 00453 Kubra Seyhan, Mintaze Kerem Gunel, Ece Ünlü Akyol An ICF-CY based conceptual approach: Activity and Participation Focused Individualized Therapy (APFIT) after Botulinum Toxin injection in children with cerebral palsy	IC 00054 Noula Gibson, Katherine Langdon, Monica Cooper, Andrew Wilson Profession-led guideline workshop for the prevention and treatment of respiratory illness in children with cerebral palsy.	IC 00355 Marcin Bonkowski, Weronika Pyrzyńska, Patrycja Mrozek, Krzysztof Krasowicz Improving Lower Extremity Orthotic Management of Children with Cerebral Palsy. Ankle Foot Orthoses prescription and tuning based on gait assessment.	IC 00273 Rory O'Sullivan, Aoife Quinn, Jane Leonard The application of evidence-based selection criteria for selective dorsal rhizotomy in ambulant cerebral palsy.*	IC PANDa PROS AND CONS OF BEING A PARENT OF A DISABLED CHILD (PANEL) Animation person: Katarzyna Świeczkowska a mother of a disabled teenager Vice-President of the Gdańsk Branch of Polish Association for Persons with Intellectual Disability Speakers Katarzyna Łukasiewicz a mother of a disabled teenager the President of „Oświeć!ś” foundation Anna Kulka-Dolecka a mother of a disabled teenager an author of the book „Wyprzedź przez okno” on what it is like to share your life with a disabled child Beata Portlasek a Foster mother of 5 disabled girls, the President of the Pomernian Foundation for Foster Families-Ania Tomasz Grybek a father of disabled teenager, the President of Borkater Borys Foundation for Persons with Rare Diseases	IC LOWER AND UPPER LIMB ORTHOPEDIC SURGERY 00338 Rachel Rapson, Jonathan Manden, Jonathan Manden, Robert Jeffery, Christopher Morris, Julia Melluish, Charlotte Stephens, Tanya King, Peter Cox What is the effect of increased standing time on hip development in non-ambulant children with cerebral palsy? A feasibility randomised controlled trial. 00041 Julianne P. Sees, Kathleen Maguire, Kenneth Rogers, Freeman Miller Incidence of Venous Thromboembolism in Cerebral Palsy Patients who had a Surgical Experience 00042 Caitlyn Interrante, Debra Miller, Kenneth Rogers, Margaret Salzbrenner, Julianne P. Sees Nonnarcotic Postoperative Pain Management Following Orthopaedic Surgery in Children with Cerebral Palsy 00044 Nicholas Nahm, Meryl Ludwig, Freeman Miller, Rachel Thompson, Kenneth Rogers, Julianne P. Sees Single Event Multilevel Surgery in Cerebral Palsy: value added by a Co-surgeon to the Patient 00247 Aleksander Koch, Marek Jozwiak, Joanna Krzyż, Maria Wolff Palliative treatment options for spastic hip dislocations in cerebral palsy children with severe pain complaints 00349 Abhishek Nandi, Abhay Gahukamble, Deepiman James, Vinsha Hadkun, Thomas Paloczen Outcomes of Containment Surgery and Fate of the Concurrent Prophylactically Operated Hip in Hip Dysplasia in Children with Spastic Cerebral Palsy. A Single Centre Experience. 00047 Aleš Sakalowski, Raman Klimau, Mikhail Mikhovich, Leand Hlaskin Surgical Prevention of Hip Dislocation in Children with Cerebral Palsy 00113 Vladimir Kenis Reasons for delayed treatment for spastic hip instability: results of parents' survey 00381 Błażej Pruszczyński, Adam Kwapiński, Piotr Kosiłowski, Andrzej Człogorzewski Hand function after muscle transfer in spastic hemiparesis.
19:30–23:00	NETWORKING DINNER					



32nd EUROPEAN ACADEMY OF CHILDHOOD DISABILITY ANNUAL MEETING – 2020

FROM CHILDHOOD TO ADULthood WITH DISABILITY

POLAND, POZNAN, 17–20 June 2020



Saturday, 20th June 2020

	HALL 1 MUSCULOSKELETAL DISORDERS	HALL 2 COMORBIDITIES	HALL 3 TECHNOLOGICAL SUPPORT OF THE REHABILITATION PROCESS	HALL 4 NEUROPLASTICITY	HALL 5 SPORT	HALL 6
8:00–9:00	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS	BREAKFAST HS
	00077 Laura Bonouet, Jeroen Vermeulen, Anemiekke Buijs, Laura van de Pol Medical treatment in dyskinetic cerebral palsy	00192 Yvónica Schiari, Anna Bernold, Hayley Lipworth Abilities-oriented approach towards disability: research and clinical projects modelling a positive language, featuring the Accessible Care Pregnancy Clinic in Ontario, Canada	00191 Hubertus van Hedel, Judith Gräwe, Sandra Baumgartner, Esther Zamarrón Individualized and goal oriented implementation of rehabilitation technologies in pediatric neurorehabilitation*	00477 Rachel Lindoswood, Tracy Jimmye, Jayne Srae The role of parent, family and guardian support in promoting wellbeing in the life course of a child with developmental disabilities: state of the evidence, examples from current practices and aspirations for the future	00066 Noula Gibson, Leanne Johnson, Annie Chappell, Lynn Jensen 'Sports for Life': designing and delivering effective sports-focused interventions from childhood to adulthood with disabilities.	00021 Virginia Palag What Does Early Intervention Look Like in America?
9:00–10:00	EACD PLENARY SESSIONS Michał Woroch TBD Roslyn Boyd Neuro-rehabilitation to optimize Neuroplasticity in children with Cerebral Palsy					
10:00–10:30	COFFEE BREAK + POSTER SESSION					
10:30–11:30	OC MUSCLE TONE 00475 Lynn Bar-On, Nicky Peeters, Britta Hanssen, Anja Van Campenhout, Anemiekke Buijs, Margriet van der Kragt, Raaij Desloovere Treatment with Botulinum NeuroToxin-A and lower leg casting does not cause muscle remodeling in children with spastic cerebral palsy 00005 Laura Bonouet, Jules Becher, Johan Vloe, Jeroen Vermeulen, Anemiekke Buijs The effect of intrathecal baclofen in dyskinetic cerebral palsy: the results of the IDYS trial 00257 Juliette Ropars, France Grivot, Douraded Ben Salem, François Rousseau, Sylvain Brochard, Christèle Fons Muscle MRI: a biomarker of disease severity in Duchenne Muscular Dystrophy? a systematic review 00392 Ranchon Guillaume Muscle strengthening family home program: a solution to improve participation and delay loss of walking in CP young adults 00462 Agnieszka Stepień, Katarzyna Madlank, Witold Rekowski Strength of the trunk and cervical muscles in children with spinal muscular atrophy and healthy children 00474 Daniel Virella, Teresa Folha Predominantly Dyskinetic Cerebral Palsies in the Portuguese Cerebral Palsy Surveillance Programme 00479 Daniel Virella, Teresa Folha, Ana Capelo Predominantly Ataxic Cerebral Palsies in the Portuguese Cerebral Palsy Surveillance Programme	OC FROM FAMILY PERSPECTIVE 00143 Jessica Baggaley, Tim Rapley, Anna Basu Do the nature of concerns raised by parents influence whether an infant with emerging Cerebral Palsy is referred? 00159 Ingrid Sutherland, Fiona Newall, Jenny O'Neill Lost in Translation: Experiences of parents with limited English proficiency when navigating healthcare for their child with a disability. 00278 Urmee Khan, Tim Rapley, Anna Basu Parental needs for psychological support following a diagnosis of perinatal stroke 00303 Diana Adamsit The experience of mothers of adults children with profound intellectual disability in Poland 00015 Kristine Stadskleiv, Curo Andersen, Sandra Houllung Children with cerebral palsy: parental perceptions of the usefulness of cognitive assessment 00166 Chandrima Senroy Eating Issues Affect Children With ADHD More Than In One Ways	OC TECHNOLOGY VARIA 00398 Saranda Bekteshi, Marco Konings, Ioana Gabriela Nica, Sotirios Gakopoulos, Jean-Marie Aerts, Hans Halter, Eengast Montaliu Presence and severity of dystonia and choreoathetosis during powered mobility in dyskinetic cerebral palsy and their relation with mobility task performance 00152 Nathan Bray, Niina Kolehmainen, Jennifer McAnuff, Louise Tanner, Lorna Tiersley, Fiona Beyer, Aimee Grayson, Dee Wilson, Briannon Tudor Edwards, Jane Noyes, Dawn Craig Early Mobility and Powered Wheelchair Evidence Review (EMPOWER): Examining the effectiveness and cost-effectiveness of earlier provision of powered mobility interventions for children with mobility limitations. 00172 Dayna Pool, Catherine Elliott, Jane Valentine Knowledge Translation in the digital age 00121 Katarina Ostojic, Nicole Sharr, Simon Rigby, George Khut, Angela Morrow BrightHearts: A pilot study of biofeedback assisted relaxation training for the management of chronic pain in children and adolescents with cerebral palsy 00190 Svetlana Torbica Marinkovic, Ivana Sehicovic, Margarita Belcovska Electrostimulation with VocaTIM Master in speech and voice rehabilitation 00306 Karen McConnell, Daniel Topley, Jason McKewen, Claire Kerr Acceptability and feasibility of electrical Vestibular Nerve Stimulation in children with cerebral palsy	IC AUTISM SPECTRUM DISORDER/COMPLEX DEVELOPMENT DISORDERS 00389 Naomi Dale, Elena Sakkalou, Alison Salt Assessment of early autism spectrum disorder (ASD) signs and outcomes in children with severe visual impairment: does social communication abilities at 3 years predict ASD diagnostic outcomes at 4–6 years? 00090 Tamas Voloshyn New ways of treatment for childhood autism: are we moving in correct direction? 00200 Deepika Jain Comparison of Adaptive Level Profile between children with Autism Spectrum Disorder and Social Communication Disorder in Communication Domain. 00268 Deepika Jain, Nidhi Bhadrnagar, Meera Dhoni Comparison of Adaptive Level Profile in Socialization Domain between children with Autism Spectrum Disorder and Social Communication Disorder. 00368 Kathleen Ballon, Mieke De Strooper An integrative and inclusive model of environmental enrichment for preschoolers with special and multiple needs. 00330 Barkin KÖSE, Sedef Sahin, Hasan Galipoglu, Etra Aki Effectiveness of Individual Occupational Therapy Program in Children-with-Dyslexia in Visual Processing Process and Comparison of Their Effects with Special Education	EPNS	SPONSORED SESSION
11:30–12:45	IC 00038 Kirsty Stewart, Adrienne Harvey Implementing evidence-based identification, classification and measurement of dyskinesia in cerebral palsy	IC 00182 Vipul Shah, Supreet Deshpande, Hilla Ben Pazi NAVIGATING THE MINE FIELD OF DYSTONIC CEREBRAL PALSY-AN INTERNATIONAL EXPERIENCE AND COLLABORATION*	IC 00296 Betty Hutchon, Anna Purna Basu, Jane Moffat, Siew-Lian Crossley, Sally Jary EI SMART – a better start for high risk infants: a transdisciplinary approach to early intervention	IC 00246 Isabel martins, Mario Pereira, Eulália Albuquerque Quality of life through a place in the community: a program of inclusion in labour life	STEM CELL THERAPY SESSION 00407 Dariusz Boruckowski, Izabela Zdziłofska-Malinowska A Retrospective Analysis of Safety and Efficacy of Wharton's Jelly Stem Cell Administration in Children with Spina Bifida 00459 Dariusz Boruckowski, Izabela Zdziłofska-Malinowska Wharton's Jelly Mesenchymal Stem Cell Administration Improves Quality of Life and Self-Sufficiency in Children with Cerebral Palsy. Results from a Retrospective Study 00356 Anna Mucha, Amanda Krzywdzińska, Dariusz Boruckowski Autologous umbilical cord blood in children with autism or cerebral palsy – first applications in Poland 00158 Sarah Dennis, Perry Hennicken, Alexia Rudofski, Bethany Sheeh, Caroline Young, Sudarshan Dayanidhi Skeletal muscle myonuclear domain does not differ between ambulatory children with cerebral palsy and children with typical development 00163 Jodi Curtin, Maria Dixon, Sudarshan Dayanidhi Neonatal brain injury in a mouse model differentially impacts skeletal muscle growth 00176 Vasilisa Udolova, Ilya Kanivets, Natalia Chebanenko, Sergey Korostelev, Valeriy Zlykov Diagnostic yield of NGS-based tests and chromosomal microarray analysis in patients with cerebral palsy 00251 Amrom Dina, Julie Soblet, Catheline Vilain, Guillaume Smits From cerebral palsy to hereditary spastic paraplegia	SPONSORED SESSION
9:00–10:00	KEYNOTES LECTURES Andrea Guzzetta The marvellous 12 months: how the brain shapes itself for a life of relationships Jeroen Vermeulen High tech treatment in cerebral palsy: individual challenges					

