

International Conference on Cerebral Palsy and other Childhood-onset Disabilities

Stockholm 1–4 June 2016



5th International Conference of Cerebral Palsy (ICPC)

28th Annual Meeting of the European Academy of Childhood Disability (EACD)

1st Meeting of the International Alliance of Academies of Childhood Disability (IAACD)



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Welcome Address

On behalf of the scientific committee and the local organizing committee we welcome you to the International Conference on Cerebral Palsy and other Childhood Onset Disabilities “CHALLENGE THE BOUNDARIES”. We hope the meeting will inspire you and the children and families we are serving to break through the many boundaries that exist in society due to cultural and political traditions, economic constraints and national borders as well as those that are due to limitations of body function and activity.

This will be the first meeting of the newly established International Alliance of Academies of Childhood Disability (IAACD) which was founded in 2014 by the American Academy of Cerebral Palsy and Developmental Medicine (AACPDM); the Australian Academy of Cerebral Palsy and Developmental Medicine (AusACPDM) and the European Academy of Childhood Disability (EACD), which is co-hosting the conference as its 28th Annual Meeting. In addition, this will be the 5th International Cerebral Palsy Conference (ICPC) following previous CP conferences in Quebec, Oulu, Sydney and Pisa. Thus, you will be part of an historical event that we hope will be the starting point of many future meetings and active global interaction between colleagues.

The scientific programme is extraordinarily rich and covers a wide range of topics from basic science to public health and long term quality of life issues. It very much built on the contributions by those of you participating in the conference. Your perspectives, research and ideas ensure a stimulating conference program providing information on ongoing research and development and influencing new research directions. In quantitative terms the conference is so far the biggest in our field including 14 keynotes; 46 mini-symposia, panel discussions or controversies; 21 instructional courses; 140 oral presentations of free papers and 447 posters in addition to 7 pre-conference symposia.

We would like to thank our donors for their generous support making it possible to invest in the organisation of the meeting. We would also like to encourage all participants to visit the exhibitions to learn about new products available at the market.

This international conference has also exceeded our expectations by drawing the largest number of participants of the 5 international conferences to date, i.e., 1300 attendees already in April. We are also particularly excited that our attendees represent 66 countries from all continents (except Antarctica) making this truly an international event.

In addition to the busy programme we hope you will be able to enjoy the vibrant and beautiful city of Stockholm in the especially light summer nights.

Ann-Christin Eliasson
President of the Conference

Hans Forssberg
Chairman of the Scientific Committee



President:
Ann-Christin Eliasson, OT, PhD
Karolinska Institutet
Astrid Lindgren Children's Hospital,
Habilitering och Hälsa



Scientific Chair:
Hans Forssberg, MD, PhD
Karolinska Institutet,
Astrid Lindgren Children's Hospital

Scientific Committee:

Roslyn Boyd, Australia. Giovanni Cioni, Italy. Diane Damiano, USA. Bernard Dan, Belgium.

Local Organizing Committee:

Lena Krumlinde Sundholm, Kristina Löwing, Linda Nordstrand, Kristina Tedroff, None Marie Kemp, Jennifer Frithiof, Mikael Reimeringer, Maria Ekdahl (Arrangera).

Parents' Representatives: *Alain Chatelin, France. Lars Björk, Sweden.*

Download the Conference Mobile App (ICPC)



The mobile APP allows you to:

- View the scientific programme schedule including session time and room number
- Find information about titles, speakers, co-authors
- Read abstracts
- Find information about donors, exhibitors and social events.

How to download the ICPC APP:

- Go to your APP Store or Google Play or corresponding application
- Search for "ICPC" (capitals) and download the APP for free
- Close APP store
- Open the APP and select "Create account" and enter your e-mail address (has to be the same as when you registered).
- Open your e-mail and click on the link to create your password (8 characters) – (check your junk mail if the mail has not arrived).
- Open the APP and log in using your e-mail address and password.
- If you tick the box "Remember me" your login details will be saved.

If you want to download the APP in your computer use the link: <https://icpc.axacoair.se/>

Waterfront Free Wi-Fi: username ICPC2016

Preconference Symposia

Preconference symposia take place on Tuesday 31st May and Wednesday 1st June at the Campus of Karolinska Institutet or Karolinska University Hospital. Only members that have registered in advance can participate. Instructions how to find the venues and details of the programmes is sent out to registered participants.

Orthopaedics in Cerebral Palsy

– Challenge the Controversies

31 May, 12:00 – June 1, 12:00; Nobel Forum, KI Campus
Responsible: *Gunnar Hägglund and Eva Ponten, Sweden*

Early Intervention: State of the Science

31 May, 11:00 – 16:30; Nanna Schwartz Auditorium (A7), Karolinska University Hospital
Responsible: *Iona Novak and Cathrine Morgan, Australia; Ann-Christin Eliasson, Sweden*

World CP Register Day

1 June, 8:00 – 12:00; CMB Lecture Hall, Berzelius väg 21, KI Campus
Responsible: *Kate Himmelmann, Sweden*

Developmental Coordination Disorder (DCD):

State of the Art

1 June 1, 8:00 – 12:00; Norrbacka Rehabsalen (S2:01), Karolinska University Hospital
Responsible: *Rainer Blank, Germany*

Selective Dorsal Rhizotomy:

Consensus and Controversies

1 June 1, 8:00 – 12:00; Kirurgsalen (A6:04 – 4th floor), Karolinska University Hospital
Responsible: *Graham Fieggen, South Africa*





Bursaries

We are grateful to the CP Alliance, EACD and IAACD for providing bursaries allowing colleagues from less resourceful countries to participate in the meeting. The bursaries cover conference registration fees, accommodation and travelling costs. Applications were judged by the scientific committee.

Cerebral Palsy Alliance September Scholarships:

Badiul Alam, Bangladesh
 Mohammad Muhit, Bangladesh
 Syeda Wahjeeha Zahra, Pakistan
 Ana Carolina de Campos, Brazil
 Rachael Wanjagua, Kenya
 Marco Casartelli, Paraguay
 Heloisa Pereira, Brazil
 Ritesh Thapa, Nepal



EACD/IAACD bursaries were awarded to:

Bo-Young Hong, South Korea
 Aleksandre Levidze, Georgia
 Nazar Oksana, Ukraine
 Kinly Tshering, Bhutan
 Martin Wanzalla, Kenya
 Taras Voloshyn, Ukraine
 Gabriela Tavchioska, Macedonia
 Maia Gabunia, Georgia

Maria Jose Martinez Caceres, Argentina
 Emenike Olisa Mbanugo, Nigeria
 Sk. Moniruzzman, Bangladesh
 Jorge Carranza del Río, Mexico
 Iershov Dmytro, Ukraine



Family Track

The conference is open to parents of children with disabilities as well as to persons with disabilities. This inclusion of non-professionals in our meetings is part of a transition in perspective and practise since the family is central in planning of services which requires greater access to scientific knowledge in order to make informed decisions.

In collaboration with RBU (Riksförbundet för Rörelsehindrade Barn och Ungdomar; www.rbu.se) and ICPS (International Cerebral Palsy Society; www.icps.org.uk) we have created a special track all through the meeting with sessions that are particularly interesting for parents and other non-professional

participants. The speakers in these sessions have been asked to adapt their presentations to adhere to a broadening of the auditorium with both professional and non-professional attendants. Below is the schedule of the recommended sessions of the Family Track in addition to all of the plenary keynotes.

Note that parents and other non-professionals are welcome to participate in all sessions, i.e. also those not included in this recommendation.

Note that parents belonging to RBU can get reimbursed by RBU with 500 SEK after contacting them.



RBU
 Riksförbundet för rörelsehindrade barn och ungdomar

THURSDAY 2 JUNE

TIME	LECTURE HALL	Family Track – In addition to the keynote session, this program is suggested from the family organisations
7.00-8.00	YELLOW-C4	Instructional course: Hip salvage surgery in cerebral palsy: when is the deformity too great to reconstruct? <i>B Shore, W Shrader</i>
10.00-11.00	BLUE-A2	"Mini-symposium: Cerebral palsy – the invisible aspects of the disability. <i>L Boettcher, S Warschowsky, K Stadskeiv, J Kaufman, S Pirilä, T Silberg, J Ahonniska-Assa, E Hakkarainen</i> "
11.00-12.00	BLUE-A2	Mini-symposium: Beyond borders. Best practices to promote self-management and life skills of emerging adults with childhood onset disability. <i>M Roebroek, J Gorter, W van der Slot, G King</i>
13.30-15.30	RED-A4	Mini-symposium: Involving children with long term health conditions and disabilities as participants in longitudinal studies. <i>M Granlund, A Samuels, B Björkman, M Björk, M Adolfsson</i>
16.00-17.00	YELLOW-C4	Mini-symposium: An overview/update of evaluation & management of pain in people with Cerebral Palsy. <i>J Hyman, D Fehlings, H Matsumoto</i>
18.00-19.00	RED-A1	Controversy: Changing the environment to enable children and young people's participation: are we all talk and no action? <i>J Mcancuff, A Seidel, D Kay, N Kolehmainen</i>

FRIDAY 3 JUNE

7.00-8.00	YELLOW-C4	Instructional course: Relationships and Sexuality: Important issues to address in helping individuals with child-onset conditions to improve quality of life. <i>S Labhard, R Linroth, S Labhard, R Linroth</i>
10.00-12.00	BLUE-A2	Minisymposia: When training executive functions makes a difference: for whom, when, how (and why). <i>P Brovedani, S Cortese, T Klingberg, P Anderson, C Pecini</i>
12.00-12.30	RED-A1	Go Baby Go; creating technology and training that lets a kid act like a kid. <i>C Galloway</i>
13.30-14.30	BLUE-A4	Controversy: Selective dorsal rhizotomy in CP: beneficial or harmful? <i>H Chambers, G Fieggen, J Becher, F Miller, K Tedroff</i>
14.30-15.30	BLUE-A4	Minisymposia: Optimizing movement exploration and mobility in infants at risk for developmental delays or Cerebral Palsy: Timing, content, and dosing. <i>T Kolobe, J Heathcock, B Smith, B Sargent</i>
14.30-15.30	YELLOW-C4	Minisymposia: Physical activity in cerebral palsy across the continuum. <i>O Verschuren, A Balemans, A Dallmeijer, M Peterson, E Hurvitz</i>
16.00-18.00	RED-A1	Minisymposia: Early intervention: promising perspectives of recent trials. <i>M Hadders-Algra, A Eliasson, A Guzzetta, A van Wassenaeer-Leemhuis</i>

SATURDAY 4 JUNE

8.00-9.00	YELLOW-25-26	Instructional course: Racerunning, from therapy to participation. <i>P van Schie, L Bryant, L Björk, N Tennant</i>
9.00-11.00	BLUE-A4	Partnership in Knowledge Exchange to translation - engaging in possibilities opportunities, and challenges. <i>E Nordmark, J Gorter, D Russell, M Ketelaar, M Wallen, C Imms, A Alriksson-Schmidt</i>

Welcome Reception at the Stockholm City Hall

Wednesday 1st of June

17:15 Buses will leave from Aula Medica, KI campus

18:00 Welcome reception hosted by the County Council of Stockholm and the City of Stockholm

We kindly ask you to respect the starting time (doors will be open from 17:30).

There is no cost for the Welcome Reception *but you need to have registered in advance.*

Mikael Sundesten, Vice President of the County Council will open the reception with a welcome speech. Thereafter there will be a short presentation of the building.

After the presentation you are invited to a mingle-buffet and you will be able to explore

the The Blue Hall and The Golden Hall, where the annual Nobel Prize banquet is held.

The reception will be held in the Stockholm City Hall, which is one of Sweden's most famous buildings, and one of the capital's most visited tourist attractions.

It is famous for its grand ceremonial halls and unique art pieces and for being the venue of the Nobel Prize banquet held on 10th of December each year. It also houses offices for 200 people of the City Council.

Address: Stockholm City Hall, Hantverkargatan 1



Networking Party at the Vasa Museum

Friday 3rd of June at 19:00



The 69 meter-long warship Vasa stands in the large Ship Hall. It sank on its maiden voyage in the middle of Stockholm in 1628, and was salvaged 333 years later in 1961. For nearly half a century the ship has been slowly, deliberately and painstakingly restored to a state approaching its original glory.

The Vasa is the only surviving and preserved 17th century ship in the world, and a unique art treasure. More than 95 percent of the ship is original, and it is decorated with hundreds of carved sculptures.

The Vasa Museum is the most visited museum in Scandinavia, with over one million visitors a year.

We welcome you to our Networking Party in this unique place. We meet and mingle, food & drinks are served from nice buffets by the war ship. It is the ultimate experience of Swedish history combined with the finest food and drinks and a great opportunity to network. During the evening you will of course also be able to walk around and explore the museum.

Just close to the ship, in the Vasa Restaurant, we will arrange a full bar and a dance floor especially created for you. Here you can buy drinks in the bar and swirl around freely on the dance floor after finishing your buffet dinner in the ship hall.

Cost: 750 SEK per person for this event. Tickets can only be bought in advance. Address: Galärvarvsvägen 14 on Djurgården.

Public transportation from Waterfront to the Vasa Museum

BUS: Bus 69 (stop Djurgårdsbron) and then take a short walk to the Vasa Museum or change to Bus 67 (stop Nordiska museet/Vasamuseet)

TRAM: From the city centre, Nybroplan, (15 minutes walk from Waterfront), take tram number 7 towards Waldemarsudde (stop Nordiska museet/Vasamuseet).

FERRY: From Slussen "Djurgårdsfärjan 82", or boat "Sjövägen 80" from Nybroplan to stop Allmänna Gränd and then a short walk to the Vasa Museum.

You can also take a walk from Waterfront to the Vasa Museum, it takes approximately 35-40 minutes.

Visit www.sl.se/en/ or download APP SL-biljetter.

WORKING TOGETHER TO IMPROVE THE QUALITY OF LIFE OF CHILDREN AND THEIR FAMILIES

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Wednesday 1 June

Aula Medica, Karolinska Institutet

11.00–13.00	REGISTRATION	
13.00–13.30	Opening Ceremony Chair: Hans Forssberg	Ann-Christin Eliasson, president: Welcome address Giovanni Cioni, EACD; James Rice, AusACPDM; Eileen Fowler, AACPDM
13.30–14.00	Keynotes Chairs: Hans Forssberg, Ann-Christin Eliasson	Bengt Westerberg, Sweden: Making laws supporting persons with disability; a Swedish experience.
14.00–14.30		Naila Khan, Bangladesh: The challenge of manpower development for child development centres in major hospitals in Bangladesh: making them sustainable and replicable. "La Fondation Motrice's lecture"
14.30–15.00		Juan Bornman, South Africa: Human rights of children with disability: reality or fantasy?
15.00–15.30	COFFEE	
15.30–16.00	Keynotes Chairs: Hans Forssberg, Ann-Christin Eliasson	Iona Novak, Australia: Early Intervention 2.0
16.00–16.30		Torkel Klingberg, Sweden: Working memory training as a clinical tool to improve working memory capacity and attention in everyday life.
18.00	RECEPTION STOCKHOLM CITY HALL	



Thursday 2 June | Waterfront | Overview

LECTURE HALLS	RED-A1 (LEVEL 4)	BLUE-A2 (LEVEL 5)	BLUE-A4 (LEVEL 5)	YELLOW-C1+2 (LEVEL 2)
07.00–08.00	INSTRUCTIONAL COURSE NOTE lecture hall C2: Do we do as we say? – meeting the communicative rights of children with disability during assessment, intervention and hospital care. <i>G Thunberg, S Nilsson, I Mattsson Müller, J Eldblom, L Bengtsson</i>	INSTRUCTIONAL COURSE When spasticity and dystonia co-exist: re-thinking CP motor classification. <i>J Rice, D Fehlings, A Harvey</i>	INSTRUCTIONAL COURSE Measuring bimanual hand use across the ages in children with cerebral palsy. <i>L Krumlinde-Sundholm, S Greaves, A Louwers, A Elvrum, L Ek</i>	INSTRUCTIONAL COURSE C1: Walking economy and fitness in treatment of walking problems in youth with developmental disability. <i>A Dallmeijer, A Balemans, E Bolster, A Buizer</i>
08.00–08.30	Keynotes Chairs: D Damiano, G Hägglund	Unni Narayanan, Canada: Using a framework of priorities & goals to define outcomes that matter: a tale of two measures.		
08.30–09.00		Jean-Pierre Lin, UK: Deep Brain Stimulation Neuromodulation in Childhood Dystonias.		
09.00–09.30		Tamar Weiss, Israel: Achieving ”disruptive innovation” for cerebral palsy.		
09.30–10.00	COFFEE, POSTERS AND EXHIBITION			
10.00–11.00	MINI-SYMPOSIUM Brain structure and motor and cognitive development in infants, children, and young adults born preterm. <i>B Vollmer, K Pannek, R Boyd, U Aden, I Kraegeloh-Mann</i>	MINI-SYMPOSIUM Cerebral palsy – the invisible aspects of the disability. <i>L Boettcher, S Warschausky, K Stadskleiv, J Kaufman, S Pirilä, T Silberg, J Ahonniska-Assa, E Hakkarainen</i>	PANEL DISCUSSION Prevention of CP – where are we up to? <i>N Badawi, D Fehlings, I Novak, S McIntyre, S Reid, K Walker</i>	FREE PAPERS Session 1: CP-epidemiology. Chairs: G Anderson, K Himmelman <i>S Goldsmith, G Andersen, S Hollung, N Almasri, S Sigurdardottir, S Reid, I Forthun, C Arnaud, L Watson, G Myklebust</i>
11.00–12.00		Beyond borders. best practices to promote self-management and life skills of emerging adults with childhood onset disability. <i>M Roebroek, J Gorter, W van der Slot, G King</i>		
12.00–13.30	LUNCH + NATIONAL COORDINATOR	LUNCH, POSTERS AND EXHIBITION		
13.30–15.30	PANEL DISCUSSION Spasticity: Good or Bad? <i>G Hägglund, R Brunner, D Damiano, M Gough, F Miller</i>	MINI-SYMPOSIUM Epidemiology, risk factors and neuroimaging in cerebral palsy – current knowledge and news. Can we predict the future? <i>K Himmelmann, E Sellier, E Blair, S McIntyre, V Horber</i>	MINI-SYMPOSIUM Involving children with long term health conditions and disabilities as participants in longitudinal studies. <i>M Granlund, A Samuels, B Björkman, M Björk, M Adolfsson</i>	FREE PAPERS Session 3: Upper limb, intervention and assessments. Chairs: L Krumlinde-Sundholm, C Imms <i>I Franki, A Louwers, A Elvrum, P Coker-Bolt, K Dekkers, D Ebner-Karestinos, S Elkjær, J Graff, C Adler, H Gimeno</i>
15.30–16.00	COFFEE, POSTERS AND EXHIBITION			
16.00–17.00	MINI-SYMPOSIUM Creation of a national CP registry & its use as a platform for discovery. <i>C Richards, A Majnemer, M Oskoul, M Shevell</i>	MINI-SYMPOSIUM The end organ: muscle in cerebral palsy. <i>H Chambers, A Shortland, L Barber, M Gough, R Lieber</i>	MINI-SYMPOSIUM Acquired brain injury in developing children: perspectives on neurological and neuropsychological disorders and their rehabilitation. <i>E Casstelli, C Hawley, C Jonsson, E Gunnarson, I Kristiansen</i>	FREE PAPERS Session 5: Implementation and upper limb intervention. Chairs: A Gordon, M Holmefur <i>L Sakzewski, D Green, K Vroland-Nordstrand, A Hines, N Branjerdporn, Y Bleyenheuft, L Beckers, C Imms, D Smits, S Effgen</i>
17.00–18.00	Prevention of cerebral palsy and childhood disability – is the impossible possible? <i>D Walker, H Dickinson, J Derks, J Hirst, S Miller, I Burd, P Grigsby, M Tolcos, L Sherman</i>			
18.00–19.00	CONTROVERSY Changing the environment to enable children and young people’s participation: are we all talk and no action? <i>J Mcancuff, A Seidel, D Kay, N Kolehmainen</i>	Healthy living through leisure participation. <i>A Majnemer, D Fehlings, D Maltais, K Shikako-Thomas</i>	PANEL DISCUSSION Virtual Reality Based Therapy in Cerebral Palsy: Current Evidence and Future Directions. <i>D Sharan, P Weiss, M Iosa</i>	CONTROVERSY To splint or not to splint ... that is the question. <i>C Imms, B Hoare, M Wallen, M Randall, S Greaves</i>

Thursday 2 June | Waterfront | Overview

LECTURE HALLS	YELLOW-C3 (LEVEL 2)	YELLOW-C4 (LEVEL 2)	YELLOW-24-25 (LEVEL 2)
07.00–08.00	INSTRUCTIONAL COURSE Classifications of function in 21st century: what are they good for? <i>M Hidecker, A Eliasson, D Sellers, R Palisano, P Rosenbaum</i>	INSTRUCTIONAL COURSE Hip salvage surgery in cerebral palsy: when is the deformity too great to reconstruct? <i>B Shore, W Shrader</i>	INSTRUCTIONAL COURSE Transforming the healthcare of women with disabilities. <i>D Roye, E Fowler, L Glader</i>
10.00–11.00	FREE PAPERS Session 2: Physical activity. Chairs: E Nordmark, M Ketelaar <i>R Toovey L Barber L Sakzewski L Van Wely C Willis</i>	MINI-SYMPOSIUM Spinal deformity in cerebral palsy: a discussion of treatments and review of outcomes. <i>W Shrader, F Miller, J Hyman, A Tsirikos</i>	PANEL DISCUSSION What about us? Finding solutions to the challenge of providing services to children with cerebral palsy in underserved African settings. <i>G Saloojee, C Strydom, M Nafukho, R Wanjaga</i>
11.00–12.00	<i>T Spencer P Keawutan G Rackauskaite N Kolehmainen S Oftedal</i>		
			LUNCH + IAACD – CSCR WORKSHOP
13.30–15.30	FREE PAPERS Session 4: Family and society. Chairs: B Palisano, B Armstrong <i>H Liao M Ketelaar N Vänska P Earde L Kang M Meintema K Shikako-Thomas D Gilson S Hettiarachchi K Visser</i>	MINI-SYMPOSIUM Cost effective prevention and management of cerebral palsy. <i>P Singhi, M Johnston, M Shevell, S Reddy</i>	MINI-SYMPOSIUM Improving saliva control – a multidisciplinary approach to assessment and management from the Australian and Dutch teams. <i>D Reddihough, J Van DerBurg, K Van Hulst, L Baker, P Jongerius, S Reid</i>
16.00–17.00	MINI-SYMPOSIUM ICF Core Sets for children and youth with CP: embracing functional abilities and cultural differences. <i>V Schiariti, A Bhattacharya, M Krol, S Ibrahim</i>	MINI-SYMPOSIUM An overview/update of evaluation & management of pain in people with cerebral palsy. <i>J Hyman, D Fehlings, H Matsumoto</i>	FREE PAPERS Session 6: Adulthood perspectives. Chair: K Tedroff, JW Gorter <i>R Pearse M González-Alonso M Hidecker S Karim L Johnston S Michelsen L Bergqvist M Roquet M Rapp J Alvarelhão</i>
17.00–18.00	Global Professional Education Programme (GPEP) – workshop. <i>A Seal, J Rice, P Rosenbaum, S Love, J Carroll, D Damiano</i>		
18.00–19.00		Augmented mobility and participation for children with cerebral palsy. <i>E Rodby Bousquet, D Field, G Paleg, R Livingstone</i>	MINI-SYMPOSIUM Success of a multidisciplinary approach in a resource constrained country – an experience. <i>S Maqqbool, A Farid, W Zahra</i>



Thousands of parents, clinicians, students and community members from across the world have helped to modify toy ride-on cars for kids with disabilities through the University of Delaware's GoBabyGo! program.



Cole Galloway launched the GoBabyGo project in 2006 with Sunil Agrawal. Since, then, he has collaborated with engineers and fashion designers, with parents and grandparents, to provide mobility to kids who have trouble moving on their own. He started with custom robot-driven devices and later began modifying off-the-shelf toy racecars to provide mobility to children with crawling and walking problems, empowering them to be part of the action at home, in the daycare center, and on the playground.



Cole Galloway, PhD, FAPTA Professor Department of Physical Therapy University of Delaware

permobil

Permobil believes that an independent life, without compromise, is a human right for all persons with disabilities. This applies to the very young where development is most critical. We fully support Cole Galloway's GoBabyGo initiative. Come to our booth, learn more about GoBabyGo and tell our engineers what to design next.

Thursday 2 June | Waterfront | Free Papers

Title session	Time	First author*	Country	Abstract title
SESSION 1 CP-EPIDEMIOLOGY YELLOW-C1+2	10.00	<i>S Goldsmith</i>	Australia	An international survey of cerebral palsy registers and surveillance systems.
	10.12	<i>G Andersen</i>	Norway	Does the presence of congenital anomalies affect the clinical presentation of cerebral palsy?
	10.24	<i>S Hollung</i>	Norway	What is the "true" prevalence of cerebral palsy (CP) in Norway?
	10.36	<i>N Almasri</i>	Jordan	Testing the feasibility of a national health registry program for children with Cerebral Palsy CPUP- Jordan.
	10.48	<i>S Sigurdardottir</i>	Iceland	Trends in prevalence and characteristics of Cerebral Palsy among Icelandic children born 1991 to 2010.
	11.00	<i>S Reid</i>	Australia	Changing trends in cerebral palsy in Victoria, Australia, 1983 - 2009.
	11.12	<i>I Forthun</i>	Norway	Maternal body mass index and risk of cerebral palsy.
	11.24	<i>C Arnaud</i>	France	Prevalence and characteristics of children with Autism Spectrum Disorders among children with Cerebral Palsy.
SESSION 2 PHYSICAL ACTIVITY YELLOW-C3	11.36	<i>L Watson</i>	Australia	Comparing risks of cerebral palsy in births to Australian Indigenous and non-Indigenous mothers.
	11.48	<i>G Myklebust</i>	Norway	Range of motion related to age and gross motor function – results from The Cerebral palsy follow-up program (CPOP) compared with a group of youth who had not been registered in CPOP.
	10.00	<i>R Toovey</i>	Australia	Two wheel bike riding ability in children with ambulatory cerebral palsy: a case control study.
	10.12	<i>L Barber</i>	Australia	Randomised controlled trial of a web-based multi-modal training program on gross motor capacity and performance for children with an acquired brain injury.
	10.24	<i>S Reedman</i>	Australia	A Systematic Review and Meta-Analysis of the Efficacy of Therapy and Behaviour Change Interventions to Increase Physical Activity Participation in Children with Cerebral Palsy.
	10.36	<i>L Van Wely</i>	Netherlands	Evaluation of implementing a working method for stimulating physical activity in pediatric physiotherapy.
	10.48	<i>C Willis</i>	Australia	Enabling physical activity participation for children with disabilities: Goal attainment, performance, and satisfaction following intervention.
	11.00	<i>T Spencer</i>	Australia	The effectiveness of a running group program in children with a neurological condition.
SESSION 3 UPPER LIMB INTERVENTION AND ASSESSMENTS YELLOW-C1+2	11.12	<i>P Keowutan</i>	Australia	Relationship between gross motor function, physical activity, participation and quality of life in children with cerebral palsy at age 5 years.
	11.24	<i>G Rackauskaite</i>	Denmark	Participation in lessons of physical education: a national survey between 8- to 15- year old children with CP in Denmark.
	11.36	<i>N Kolehmainen</i>	UK	Participation in physical leisure in children with motor impairments: a child-friendly interview study with 6-8-year-olds.
	11.48	<i>S Oftedal</i>	Australia	Prospective cohort study of relationship between growth and diet, physical activity and time spent sedentary in preschool aged children with cerebral palsy.
	13.30	<i>I Franki</i>	Belgium	Upper and lower limb function in relation to neuroimaging results in cerebral palsy.
	13.42	<i>A Louwers</i>	Netherlands	Development of the Assisting Hand Assessment for adolescents (Ad-AHA) and validation of the AHA for the whole age range 18 months to 18 years.
	13.54	<i>A Elvrum</i>	Norway	Development and validation of the Both Hands Assessment for children with bilateral cerebral palsy.
	14.06	<i>P Coker-Bolt</i>	USA	Quantifying Real-World Activity and Upper-Limb Use in Children with Cerebral Palsy Using Accelerometers.
SESSION 4 FAMILY AND SOCIETY YELLOW-C3	14.18	<i>K Dekkers</i>	Netherlands	Measuring upper extremity muscle strength in children with Cerebral Palsy; can it be done reliable and how to interpret the results?
	14.30	<i>D Ebner-Karestinis</i>	Belgium	Grasp control in children with congenital hemiplegia in a discrete motor task of intersegmental coordination.
	14.42	<i>S Elkjær</i>	Norway	Range of motion in upper extremities related to age and to Manual Ability Classification System. Results from the Cerebral Palsy follow-up program in Norway (CPOP).
	14.54	<i>J Graff</i>	Sweden	Upper limb contracture development in children with CP: a population based study.
	15.06	<i>C Adler</i>	Germany	Mirror movements in unilateral spastic cerebral palsy (USCP): Effects of targeted bimanual therapy.
	15.18	<i>H Gimeno</i>	UK	Functional skills acquisition following cognitive-based intervention in childhood movement disorders.
	13.30	<i>H Liao</i>	Taiwan	Validating the ICF Core Set for Cerebral Palsy by Using National Disability Sample in Taiwan.
	13.42	<i>M Ketelaar</i>	Netherlands	Why and how to assess 'family' in the context of practice and research.
SESSION 5 IMPLEMENTATION AND UPPER LIMB INTERVENTION YELLOW-C1+2	13.54	<i>N Vänska</i>	Finland	Children as partners in developing good rehabilitation practices – LOOK-project 2014 -2017: Right of the Child to Participate in her Rehabilitation and Assessing the Child's Best Interests.
	14.06	<i>P Earde</i>	Thailand	Facilitators and barriers for Thai children with cerebral palsy in caregivers' perspective: In-depth interview.
	14.18	<i>L Kang</i>	Taiwan	Participation in home and community activities among preschool children with and without physical disabilities.
	14.30	<i>M Meintema</i>	Iceland	Spina Bifida in Iceland: Epidemiology, Health and Well-being among adults.
	14.42	<i>K Shikako-Thomas</i>	Canada	CP2: Community Partners for Children's Participation.
	14.54	<i>K Gilson</i>	Australia	Supporting my mental health: what parents of children with a disability want paediatric health services to know.
	15.06	<i>S Hettiarachchi</i>	Sri Lanka	Of love and isolation: Narratives of siblings of children with cerebral palsy in Sri Lanka.
	15.18	<i>K Visser</i>	UK	Society and Environment: Health-enhancing participation for children with Cerebral Palsy.
SESSION 6 ADULTHOOD YELLOW-C25-26	16.00	<i>L Sakzewski</i>	Australia	Poor description of upper limb therapies in cerebral palsy: what were they really testing?
	16.12	<i>D Green</i>	UK	What does therapy mean for children with unilateral cerebral palsy and their families?
	16.24	<i>K Vroland-Nordstrand</i>	Sweden	Parents' experiences of conducting a goal-directed intervention based on children's self-identified goals, a qualitative study.
	16.36	<i>A Hines</i>	Australia	Psychosocial changes for children with hemiplegic cerebral palsy following participation in Amazing Magic Clubs.
	16.48	<i>N Branjerdporn</i>	Australia	Efficacy of intensive upper limb therapies on upper limb outcomes for children with unilateral cerebral palsy: Individual patient data meta-analysis of 3 trials.
	17.00	<i>Y Bleyenheuft</i>	Belgium	Hand-Arm Bimanual Intensive Therapy including the Lower Extremities (HABIT-ILE) for children with bilateral cerebral palsy (GMFCS II to IV).
	17.12	<i>L Beckers</i>	Netherlands	Application of the Gross Motor Function Measure-66 (GMFM-66) in Dutch clinical practice: a survey study.
	17.24	<i>C Imms</i>	Australia	Efficacy of a knowledge translation approach in changing allied health professional knowledge of evidence-based assessment and interventions for children with cerebral palsy: the first 12 months.
	17.36	<i>D Smits</i>	Netherlands	Developmental trajectories of self-care capabilities among children and adolescents (1-16 years) with cerebral palsy.
	17.48	<i>S Effgen</i>	USA	Relationship of school-based physical therapy to outcomes for children with disabilities in the United States.
	16.00	<i>R Pearse</i>	UK	Transition of young people with long term conditions: the difference between intended provision and actual experience.
	16.12	<i>M González-Alonso</i>	Spain	Needs that of families have with a person with cerebral palsy aging.
	16.24	<i>M Hidecker</i>	USA	Inter-rater reliability of the Communication Function Classification System (CFCFS) for Adults and Adolescents with Cerebral Palsy.
	16.36	<i>S Karrim</i>	South Africa	The experiences of adults with ASD, their employers and co-workers in the workplace in Kwazulu-Natal
	16.48	<i>L Johnston</i>	Australia	Childhood mobility function predicts education, employment and physical activity of young adults (18-21 years) with cerebral palsy.
	17.00	<i>S Michelsen</i>	Denmark	Illness and social background affect education in young adults with cerebral palsy
	17.12	<i>L Bergqvist</i>	Sweden	When I do I become someone - young adults with cerebral palsy experiences of occupational performance and participation in daily life.
	17.24	<i>M Roquet</i>	France	From childhood to adulthood: what care management for individuals with cerebral palsy?
	17.36	<i>M Rapp</i>	Germany	Predictors of parent-reported quality of life of adolescents with cerebral palsy.
	17.48	<i>J Alvarelhão</i>	Portugal	Perceptions of the impact of the environment on their societal participation by young adults with cerebral palsy.

* Note; the first author might not always be the presenter

Thursday 2 June | Waterfront | Posters

Poster nr	First author	Country	Abstracts: Neuroscience, Adulthood and Disability, Health and Well-being, Epidemiology and Surveys, Orthopedic management a o
1	J Lust	Netherlands	Development of motor planning in children with cerebral palsy – a longitudinal approach.
2	A Shinniers	Ireland	Physical Activity Levels in Ambulatory Children with Cerebral Palsy Compared to Typically Developing Children.
3	M Wapp	Switzerland	Motor and mental outcome of symptomatic neonatal arterial ischemic stroke: Prognostic value of early neuroimaging findings.
4	S Alila	Finland	Supervision supports individual and communal professional development.
5	R Palisano	USA	Characterization of Physical and Occupational Therapy Services for Children with Cerebral Palsy.
6	IAI Khatib	United Arab Emirates	Assistive Technology – A Systemic change for Individual Success.
7	A Harvey	Australia	Typical oral medication prescribing patterns of rehabilitation and developmental paediatric specialists for the management of dystonic cerebral palsy.
8	E Boldingh	Netherlands	A decision scheme for monitoring and intervention in hip disorders in bilateral spastic cerebral palsy.
9	J Baggaley	UK	Case notes review of perinatal stroke in term and preterm infants in the UK Northern region over a 10 year period.
10	I Martins	Portugal	How satisfied are you with your relationships? Quality of life in adults with cerebral palsy.
11	G Andersen	Norway	Early markers of associated impairments in children with cerebral palsy (CP).
12	D Jacobson	Sweden	Cerebral Palsy in Young Adults: Cross-Sectional Survey on Health and Social Outcomes Using a Population-Based Approach.
13	A Martin	Spain	Study of the prevalence and assistance of the obstetric brachial plexus palsy in Catalonia.
14	A Spittle	Australia	Increasing motor impairment in extremely preterm or extremely low birthweight children assessed at 8 years: a population-based study of 3 cohorts born between 1991 and 2005.
15	P Keawutan	Australia	Relationship between habitual physical activity, time spent sedentary, motor capacity and performance in children with cerebral palsy aged 4-5 years.
16	A Basu	UK	UK-based survey of current practice in management of perinatal stroke.
17	A Alex	Sweden	Screening for dysphagia and malnutrition in adults with multiple neurological disabilities.
18	G Janeslött	Sweden	Self-Rating of Daily Time Management in children: Validity of the Time-S.
19	M O'Reilly	UK	Frontal EEG asymmetry as a measure of emotional and behavioural vulnerability in infants with congenital visual impairment.
20	P Baksjøberget	Norway	Having fun and staying active!
21	H Li	USA	Developmental Plasticity After Injury to Neonatal Motor Cortex: An Animal Study.
22	J Ryu	South Korea	Aggravation of Hip Subluxation after Using Seating Device in Children with Disability.
23	S Eylon	Israel	Treatment of Spasticity in Hereditary Spastic Paraparesis.
24	S Eylon	Israel	Aquatic rehabilitation of patients with external fixators – feasibility and primary results.
25	L Adde	Norway	Gestalt perception and computer-based video analysis of General Movements is associated with motor development at one year age in Very Low Birth Weight infants in India.
26	G Khandaker	Australia	Bangladesh Cerebral Palsy Register (BCPR): a pilot study towards developing a national cerebral palsy (CP) register and surveillance of children with CP.
27	A Dubois	France	Daily living pain in children with Autism Spectrum Disorder: the NCCPC-ASD.
28	R Støen	Norway	Computer based video analysis identifies Fidgety Movements in high-risk infants.
29	S Kim	South Korea	Risk Factors of Cerebral Palsy in Preterm and Low Birth Weight Infants in Korea.
30	K Groleger Sršen	Slovenia	Lessons from evaluation of processes of care for chronically ill or disabled children.
31	S Kim	South Korea	Incidence of Cerebral Palsy in Preterm and Low Birth Weight Infants in Korea.
32	G Dequeker	Belgium	Short- and midterm evolution of self-care and functional mobility after single event multilevel surgery in children and adolescents with spastic diplegic cerebral palsy.
33	K Yasuaki	Japan	The three years change of the hip dislocation in the children with severe cerebral palsy after selective hip joint muscle release surgery.
34	D Brandão	Portugal	Access to employment: the achievement of life projects.
35	E Hamer	Netherlands	Knee jerk responses in infants at high risk for cerebral palsy: an observational EMG study.
36	K Horridge	UK	A proposed disability complexity scale to describe the multi-faceted needs of disabled children and young people.
37	K Horridge	UK	Prospective Plots of Routine Data Capture by Paediatricians in Clinic settings and validation of Disability Complexity Scale.
38	O Kachmar	Ukraine	Influence of Spinal Manipulation on Muscle Spasticity in Cerebral Palsy Patients.
39	H Sakki	UK	Development of Play in Children with Severe and Profound Visual Impairment over the First Two Years of Life.
40	J Staltnacke	Sweden	Brain volumes and developmental trajectories after preterm birth.
41	M Taketa	Japan	Treatment Of Hip Subluxation Of Cerebral Palsy With Matsuo's Muscle Release Procedure.
42	C Newman	Switzerland	Physicians' attitudes faced with life threatening events in children with profound neurological disabilities.
43	S Delin	Croatia	Cumulative prevalence, clinical features and MRI findings in children with cerebral palsy in Zadar County from 2003-2010.
45	S Pérez-de la Cruz	Spain	Normalized therapy versus intensive Petô therapy: a comparative study.
46	A Barnett	UK	Navigating through apertures: perceptual and action judgements in children with Developmental Coordination Disorder (DCD).
47	M Thomas	UK	New biomarker for autism spectrum disorders in children based on the nonlinear analysis of complexity, coherence and synchronization in EEG waves to facilitate early diagnosis and intervention.
48	A Kakooza-Mwesige	Uganda	Neuroimaging patterns and clinical correlates of children with cerebral palsy in Uganda.
49	R Boyd	Australia	Optimization of MRI-based scoring scales of brain injury severity in children with unilateral cerebral palsy.
50	R Boyd	Australia	Inter-rater reproducibility of the Hammersmith Neonatal Neurological Examination in very preterm infants at 30 and 40 weeks postmenstrual age.
51	R Boyd	Australia	Relationship between white matter integrity and neurological function in preterm infants at 30 weeks postmenstrual age.
52	R Boyd	Australia	Very early brain structure and neurological function detects brain injury in preterm infants at 30 and 40 weeks postmenstrual age.
53	R Boyd	Australia	Relationship between MRI brain lesion severity and hip displacement outcomes in children with cerebral palsy.
54	L Barber	Australia	Calf muscle growth in ambulant children with unilateral and bilateral cerebral palsy age 2-9 years.
55	M deLacy	Australia	Changing Geographical Boundaries of Queensland CP Population in First 15 Years of Life.
56	J Reynolds	Australia	Exploring possible neural mechanisms of children with probable developmental coordination disorder: A look at cortical structure and function.
57	L Bar-On	Belgium	The spastic velocity threshold predicts Botulinum toxin-A treatment outcome in the medial hamstrings of children with cerebral palsy.
58	S Grunt	Switzerland	Lesion overlap analysis in pediatric stroke: Preliminary results.
59	S Goldsmith	Australia	An international survey to establish a cerebral palsy and congenital anomalies collaboration.
60	R Dewar	Australia	Postural control in children with cerebral palsy: a Delphi driven status report on current practice definitions, frameworks, assessments and interventions.
61	H Gima	Japan	Characteristics of head position and spontaneous movements of limbs in preterm-born infants who later developed ASD.
62	N Langerak	South Africa	The gait pattern of children with spastic diplegia due to HIV encephalopathy – A two year follow-up study.
63	L Houx	France	Satisfaction, perceived effectiveness and tolerance of cares in individuals with cerebral palsy.
64	B V Bogнар	Hungary	Parenting stories and service needs in families raising a child with ASD.
65	S Jung	South Korea	Health-related quality of life of adults with cerebral palsy.
66	T Knudsen	Denmark	Maternal thyroid disorder in pregnancy and risk of cerebral palsy in offspring.
67	D Roye	USA	Healthcare Gaps Perceived by Women with Cerebral Palsy.
68	E Baranek	USA	Children with Cerebral Palsy and Low BMI-for-Age on GMFCS Stratified Growth Charts may be at Increased Risk of Surgical Site Infection Following Spinal Instrumentation Procedures.
69	M Downes	UK	Development of Executive Functions in Preschool Children with Sickle Cell Anaemia.
70	D Roye	USA	The Intellectual and Developmental Disabilities Classification Matrix: A Reliability Study.
71	L Switzer	Canada	Stability of Pain in Children and Youth with Cerebral Palsy.
72	A Mikov	Serbia	Deformities of the locomotor system in children with cerebral palsy.

Thursday 2 June | Waterfront | Posters

Poster nr	First author	Country	Abstracts: Neuroscience, Adulthood and Disability, Health and Well-being, Epidemiology and Surveys, Orthopedic management a o
73	C Pons	France	Medical and rehabilitative management and care profiles in adults with cerebral palsy in Brittany.
74	J Yuan	UK	Do children with neurological disabilities use disproportionately more inpatient resources than children without neurological disabilities?
75	A Cadete	Portugal	MRI Patterns associated with function and comorbidities in 494 children from a SCPE affiliated National Registry.
76	W Strobl	Germany	Long-term outcome of hip instability following non-surgical and surgical interventions in children with cerebral palsy.
77	M Witbreuk	Netherlands	Guided growth in children with a spastic paresis for knee flexion deformity: Clinical aspects and effects on gait.
78	M W Shradar	USA	Inter and Intra-Observer Reliability of the Robin and Graham Classification System for Hip Disease in Cerebral Palsy.
79	S Kim	South Korea	Speech and Linguistic Features of Children with Articulation Disorders.
80	D Virella	Portugal	Hurdles of a national surveillance of cerebral palsy. Overview of the first eight surveyed years in portugal (birth-cohorts 2001-2008).
81	S Reid	Australia	New insights into white matter injury in term born children with cerebral palsy.
82	A Daluiski	USA	Kinematics during gait in hemiplegic cerebral palsy and typically developing children: ages 4-18.
83	C Lai	Taiwan	Motor Functions and Daily Activities in Various Domains in Preschool Children with CP of Different Motor Severities.
84	C Chen	Taiwan	Factors associated with daily activity in preschool children with cerebral palsy.
85	S Yang	South Korea	The application of ARFI sonoelastography in CP children with hip subluxation : A preliminary study.
86	C Louca	Australia	Motivation for Change of Residence over 15 years in Queensland Cerebral Palsy Population Born 1993-1995.
87	S Ofstedal	Australia	A prospective cohort study of body composition and modifiable lifestyle factors in preschool aged children with CP.
88	M Petra	Greece	Short term results of spinal deformity operative treatment in adolescents with cerebral palsy (CP) and association with hip deformities at skeletal maturity.
89	M Petra	Greece	Congenital anomalies and syndromes in a cross-sectional study of 240 children with Cerebral Palsy (CP), according to the SCPE guidelines, in Greece.
90	A Nupur	Bangladesh	Cerebral palsy management at centre for the rehabilitation of paralysed in Bangladesh.
91	H Smithers-Sheedy	Australia	Cytomegalovirus (CMV) viraemia in the newborn period is common in children with all forms of cerebral palsy (CP).
92	A Mouthon	Switzerland	High-density EEG recordings during sleep in children and adolescents with acquired brain injury: a novel approach to investigate neuronal reorganization.
93	L Johnston	Australia	Participation of adults with cerebral palsy aged 40-50 years: impact of mobility, intelligence and communication function.
94	B Hong	South Korea	Informative diffusion tensor tractography in an ataxic boy with traumatic brain injury.
95	B Hong	South Korea	Informative diffusion tensor imaging in an ataxic boy with traumatic brain injury.
96	A Raftemo	Norway	Inequalities in access to treatment with Botulinum toxin A (BoNT-A) of children with CP in Norway.
97	S Følstad	Norway	Intensive training of hand function for adults with spastic unilateral cerebral palsy. A pilot study using Constraint Induced Movement Therapy (CIMT).
98	M Miklos	Norway	Courage and community in rehabilitation for young adults with disabilities. The case of adapted physical activity.
99	D Milascevic	Croatia	Type of CP and motor outcome in relationship to gestational age, neonatal risk factors and brain injury.
100	C McDonald	Australia	Umbilical cord blood cells reduce neuroinflammation: a potential treatment for cerebral palsy.
101	M Fahey	Australia	The effects of ganaxolone on hypoxic ischaemic term lambs.
102	C Peyton	USA	Structural and functional correlates of aberrant fidgety movements.
103	T Hill-Jones	UK	What are the benefits of a local hip surveillance programme in a PMLD population.
104	L Määttänen	Finland	Hospital cared injury in Finnish Children with Cerebral Palsy--a Population-Based Cohort Study.
105	E Pontén	Sweden	Improvements in active elbow and wrist extension is maintained 10 years after upper limb surgery in cerebral palsy and stroke.
106	S Lee	South Korea	Correlation of Asymmetric Hip migration and Pelvic Obliquity in Non-ambulatory Cerebral Palsy.
107	O Perra	UK	The association between spastic Cerebral Palsy, intellectual impairment, and gestational age: results from the Northern Ireland Cerebral Palsy Register.
108	A Massaad	Lebanon	Are Spino-Pelvic Parameters correlated to Gait Kinematics in Children with Cerebral Palsy?
109	M Wright	Canada	Scotering for Children is More Than Fun; An Appealing Approach to Improve Function and Promote Fitness.
110	M Heijne	Sweden	A team for habilitation in a medical setting.
111	L Switzer	Canada	Balancing for differences in gross motor function between youth with CP at GMFCS levels II and III while Exergaming.
112	A Presedo	France	Causes of internal foot progression angle in children with spastic diplegia.
113	K Van Naarden Braun	USA	What constitutes a trend? Cerebral palsy prevalence in the United States.
114	H Huang	Taiwan	Life experiences of disease, family, and social interactions for the cerebral palsy patient.
115	M Penny-Dahlstrand	Sweden	Cognition in spina bifida and it's consequences in everyday life - a life-span perspective - A systematic review.
116	J Otasevic	Serbia	Hemisphere dominance and laterality as possible indicators of stuttering in children.
117	D Sharan	India	Correlation of gross motor functional measurements with mobility status post single event multilevel surgery among children with cerebral palsy.
118	M van Bakel	France	Trends in severe neurodevelopmental disabilities in relation to mortality and infant mortality rates.
119	E Hamer	Netherlands	Specific characteristics of abnormal general movements are associated with functional outcome at school age.
120	S Dayanidhi	USA	Reduced muscle stem cell number impairs serial sarcomere addition and causes muscular contractures.
121	T Sukal-Moulton	USA	Cortical activity during unilateral leg movements in diplegia cerebral palsy.
122	P Gallien	France	Quality of life of adults with cerebral palsy living in britanny.
123	M O'Neil	USA	enAble Games: Designing active video games to promote fitness and physical activity in youth with cerebral palsy
124	A Durufle	France	Analysis of the medical causes of death in cerebral palsy.
125	M Andrew	UK	Gender differences in transient and calculated visual event related potential latency in infants with risk factors for neurodisability.
126	M Msall	USA	Cerebral Palsy Research Registry: Updated Application for Patient-Reported Longitudinal Outcomes on Health, Functioning, and Participation.
127	M Berger	Canada	Missed Willis Ekborn Disease (WED) in Children and Adolescents with Fetal Alcohol Spectrum Disorders (FASDs) leads to Overmedication and Polypharmacy.
128	D Sharan	India	Concern, self impact, support and socio economic strain among caregivers of children with cerebral palsy post single event multilevel surgery: a longitudinal survey.
129	C Davenport	Australia	Food group energy intake of pre-school aged children with cerebral palsy in relation to gross motor function and oropharyngeal dysphagia.
130	G Ferguson	South Africa	Hypermobility in children: pathology or normal variation?
131	M Romero Torres	Spain	Transition or transfer in the health care of children with special needs?: A survey on the perception of how it is done in Spain.
132	E Jenkins	South Africa	Cerebral Palsy in rural South Africa and Lesotho: Clinical subtypes and gross motor function.
133	C Davenport	Australia	Association between nutritional status, energy intake and health and participation in pre-school aged children with cerebral palsy.
134	K Van Naarden Braun	USA	Trends in birth prevalence of cerebral palsy: a United States population-based study, 1985-2002.
135	B Geisler	Canada	Suggested Clinical Immobilization Test with a Smartphone-Based Electromyography System for Screening Willis Ekborn Disease.
136	H Chambers	USA	The Poor Outcome of Soft Tissue Orthopedic Surgery in Adults with Cerebral Palsy.
137	N Beyzoei	Canada	Observable Movement Patterns and Sensorimotor Sensations of Paediatric Patients/Parents with Familial Willis Ekborn Disease (WED) during the Suggested Clinical Immobilization Test (SCIT).
138	R Benedict	United States	Gross Motor Interventions Reported in 2006, 2008 and 2010 Surveillance Records for Children with Cerebral Palsy: Findings from the U.S. Autism and Developmental Disabilities Monitoring (ADDM) Network.
139	L Wiort	Canada	Evaluation of hip surveillance practices at a Canadian Pediatric Rehabilitation Hospital.
140	M Msall	USA	Disparities in family adversity among children with disabilities: A population-based US study.
141	S Barton	Australia	The Effect of Antenatal Betamethasone and Intrauterine Inflammation Exposures on White Matter Inflammation and Injury in Fetal and Ventilated Preterm Lambs.


Friday 3 June | Waterfront | Overview

LECTURE HALLS	RED-A1 (LEVEL 4)	BLUE-A2 (LEVEL 5)	BLUE-A4 (LEVEL 5)	YELLOW-C1+2 (LEVEL 2)
07.00–08.00	INSTRUCTIONAL COURSE NOTE lecture hall C2: When is a problem a problem? Evaluation of oropharyngeal dysphagia in preschool children with cerebral palsy. <i>K Benfer, K Weir, R Boyd</i>	INSTRUCTIONAL COURSE Motor learning-based approaches to intensive neurorehabilitation: dosage, ingredients and environment for efficacious treatment in children with cerebral palsy. <i>Y Bleyenheuft, K Friel, D Green, A Gordon</i>	INSTRUCTIONAL COURSE Measuring functional performance: the use of the Pediatric Evaluation of Disability Inventory Computer Adaptive Test (PEDI-CAT). <i>W Coster, M Ketelaar, L Krumlinde-Sundholm, C Schulze, M Stahlhut, I Wigernæs</i>	INSTRUCTIONAL COURSE C1: Functional near-infrared spectroscopy (fNIRS) – a promising tool to investigate brain activity during motor tasks in individuals with cerebral palsy. <i>A de Campos, T Sukal-Moulton, D Damian</i>
08.00–08.30	Keynotes Chairs: R Boyd, G Cioni	Michael Krueer, USA: The genomic landscape of cerebral palsy.		
08.30–09.00		John Martin, USA: Harnessing experience and neuronal activity to promote plasticity in the developing corticospinal system after unilateral brain injury.		
09.00–09.30		Peter Szatmari, Canada: Risk and protective factors in the etiology of ASD; a missed translational opportunity.		
09.30–10.00	COFFEE, POSTERS AND EXHIBITION			
10.00–12.00	MINI-SYMPOSIUM Dyskinetic cerebral palsy: from better understanding towards a targeted management. <i>E Monbaliu, L Bonouvrie, J Lin, D Lumsden, E Ortibus, K Himmelmann</i>	MINI-SYMPOSIUM When training executive functions makes a difference: for whom, when, how (and why). <i>P Brovedani, S Cortese, T Klingberg, P Anderson, C Pecini</i>	MINI-SYMPOSIUM Cerebral palsy: New evidence of genetic causation: Future directions. <i>A MacLennan, M Corbett, J Gecz, C van Eyk, M Krueer</i>	FREE PAPERS Session 7: Infants. Chairs: M Hadders-Algra, D Fheling <i>L Rönnqvist R deRegnier C Crowle C Morgan T Ustad T Hielkema R Chamudot G Sgandurra L Krumlinde-Sundholm A Ullenhag</i>
12.00–12.30	Go Baby Go; creating technology and training that lets a kid act like a kid. <i>C Galloway; Sponsored by Permobil</i> Chair: K Löwing	LUNCH, POSTERS AND EXHIBITION		LUNCH + EACD AGM
	LUNCH			
13.30–14.30	MINI-SYMPOSIUM Action-Observation Training: a new approach for rehabilitation of motor disorders in children. <i>G Cioni, B Steenbergen, G Sgandurra, A Basu, S Vicari</i>	PANEL DISCUSSION From basic science to clinical application: translational neuroscience and potential treatment implications for cerebral palsy. <i>A Gordon, J Martin, B Gillick, K Friel</i>	CONTROVERSY Selective dorsal rhizotomy in CP: beneficial or harmful? <i>H Chambers, G Fieggen, J Becher, F Miller, K Tedroff</i>	FREE PAPERS Session 9: DCD, Autism and speech. Chairs: R Blank, T Hirvikoski <i>N Nallapeta P Wilson J Lust F van Abswoude I Adams S Payne L Wiggs M Farid L Pennington A Nordberg</i>
14.30–15.30			MINI-SYMPOSIUM Optimizing movement exploration and mobility in infants at risk for developmental delays or Cerebral Palsy: Timing, content, and dosing. <i>T Kolobe, J Healthcock, B Smith, B Sargent</i>	
15.30-16.00	COFFEE, POSTERS AND EXHIBITION			
16.00-18.00	MINI-SYMPOSIUM Early intervention: promising perspectives of recent trials. <i>M Hadders-Algra, A Eliasson, A Guzzetta, A van Wassenae-Leemhuis</i>	MINI-SYMPOSIUM Investigating brain structure and function in cerebral palsy – state of the art and emerging technologies. <i>B Vollmer, I Kraegeloh-Mann, R Boyd, A Guzzetta, C Clark, G Cioni, D Damiano</i>	PANEL DISCUSSION Gait analysis: clinical sense or nonsense? <i>A Shortland, J Harlaar, A Buizer, E Weidenhielm Broström, M Schwartz</i>	FREE PAPERS Session 11: Severe CP and visual impairment. Chairs: A Seal, D Reddihough <i>N Dale E Ortibus C Özal J Sargent M Borgestig K Stadskleiv D Field T Keren-Capelovitch J Geytenbeek K Seyhan</i>
19.00	NETWORKING PARTY AT THE VASA MUSEUM			

Friday 3 June | Waterfront | Overview

LECTURE HALLS	YELLOW-C3 (LEVEL 2)	YELLOW-C4 (LEVEL 2)	YELLOW-24-25 (LEVEL 2)
07.00–08.00	INSTRUCTIONAL COURSE GMFM in practice: opportunities, challenges and future – what's app? <i>A Josenby, E Nordmark, D Russell, P Rosenbaum</i>	INSTRUCTIONAL COURSE Relationships and Sexuality: Important issues to address in helping individuals with child-onset conditions to improve quality of life. <i>S Labhard, R Linroth</i>	INSTRUCTIONAL COURSE Getting started with your own virtual community of practice to implement best practice in childhood disability: an example in developmental coordination disorder (DCD). <i>C Camden, K Hurtubise, L Rivard, J Berbari, I Demers</i>
10.00–12.00	FREE PAPERS Session 8: Orthopedics. Chairs: C Richards, U Narayanan <i>F Valencia K Willoughby F Baker M Hermanson A Massaad M Shrader B Shore B Crowe K Stewart A Buizer</i>	MINI-SYMPOSIUM Translating local research into global recommendations and back to local context. <i>I Autti-Rämö, I Novak</i>	MINI-SYMPOSIUM Motor speech disorders in childhood: diagnosis, assessment and management. <i>L Pennington, A Morgan, E Levy, F Liegeois, E Murray</i>
LUNCH, POSTERS AND EXHIBITION			
13.30–14.30	FREE PAPERS Session 10: Gait. Chairs: E Fowler, E Weidenhielm Broström <i>W Strobl D Sharan A Krause M Lintanf K Cahill-Rowley K Wuebbenhorst T Matsuda J Lorentzen E Bolster L van Vulpen</i>	MINI-SYMPOSIUM Physical activity in cerebral palsy across the continuum. <i>O Verschuren, A Balemans, A Dallmeijer, M Peterson, E Hurvitz</i>	MINI-SYMPOSIUM Homage to Bengt and Gudrun Hagberg – teachers, tutors, friends. <i>M Kyllerman, K Himmelmann, O Skjeldal, T Sjodin</i>
14.30–15.30			Long term consequences of cerebral palsy. <i>W van der Slot, M Roebroek, R Jahnsen, J Verheijden</i>
16.00–18.00	CONTROVERSY Neural Precursor "Stem Cells" – The Hope and the Hype: Are We Ready? <i>D Fehlings, I Novak, M Fehlings</i>	MINI-SYMPOSIUM Autism spectrum disorder: unraveling complexity, early detection, disability assessment, social skills training, and support in adulthood. <i>S Bölte, T Hirvikoski, K Tammimies, S Mahdi, T Falck-Ytter</i>	FREE PAPERS Session 12: Pain, nutrition and health. Chairs: J Rice, L Pennington <i>V Schiariti A Alriksson-Schmidt E Johnson S Nilsson K Benfer J Jung A Kakooza-Mwesige S Edvinsson C Davenport H Bjoergaas</i>

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Title session	Time	First author*	Country	Abstract title
SESSION 7 INFANTS YELLOW-C1+2	10.00	<i>L Rönqvist</i>	Sweden	Effects of twin-births on IQ, handedness and brain volumes in 8-years-old preterm born twins and matched singletons: a pilot study.
	10.12	<i>R deRegnier</i>	USA	Abnormal General Movements During The Fidgety Period And Abnormal Neurologic Examinations At 18-24 Months In A High Risk United States (US) Population.
	10.24	<i>C Crowle</i>	Australia	The trajectory of General Movements in infants following surgery in the neonatal period.
	10.36	<i>C Morgan</i>	Australia	Improving motor outcomes in infants at high risk of cerebral palsy: GAME randomised controlled trial.
	10.48	<i>T Ustad</i>	Norway	The Norwegian Physiotherapy Study in Preterm Infants, a randomized controlled study of early intervention ...
	11.00	<i>T Hielkema</i>	Netherlands	LEARN 2 MOVE 0-2 years: developmental outcome of an early intervention randomized controlled trial in infants at very high risk for cerebral palsy.
	11.12	<i>R Chamudot</i>	Israel	Modified-Constraint Induced Movement Therapy for Infants with Hemiplegia: A Randomized Trial.
	11.24	<i>G Sgondurra</i>	Italy	Effect of CareToy Early intervention on visual development in preterm infants.
	11.36	<i>L Krumlinde-Sundholm</i>	Sweden	Hand Assessment for Infants, a new test for measuring asymmetries and use of hands in infants 3-10 months of age.
SESSION 8 ORTHOPEDICS YELLOW-C3	11.48	<i>A Ullenhag</i>	Sweden	Mini-MACS; development of the Manual Ability Classification System for children with CP below 4 years of age.
	10.00	<i>F Valencia</i>	USA/Mexico	Bi-national cooperation.
	10.12	<i>K Willoughby</i>	Australia	Hip health at skeletal maturity: A population-based study of outcomes for young adults with cerebral palsy.
	10.24	<i>F Baker</i>	Australia	Hip status in children and adolescents enrolled in a Cerebral Palsy hip surveillance program: does distance from a tertiary centre matter?
	10.36	<i>M Hermanson</i>	Sweden	Prediction of hip displacement in children with cerebral palsy using the CPUP hip score.
	10.48	<i>A Massaad</i>	Lebanon	Is the acetabulum an etiological factor in the Internal Hip Rotation Gait Profile in Children with Cerebral Palsy?
	11.00	<i>M Shrader</i>	USA	Interrater Reliability of Pelvic Obliquity Measurement Methods in Patients with Neuromuscular Scoliosis.
	11.12	<i>B Shore</i>	USA	Proximal Femoral Osteotomy in Children with Cerebral Palsy: The Effect of Age, Gross Motor Function Classification System Level and Surgeon Experience on Surgical Success.
	11.24	<i>B Crowe</i>	UK	Understanding the utility of long-term botulinum toxin administration in children with cerebral palsy.
SESSION 9 DCD, AUTISM SPEECH YELLOW-C1+2	11.36	<i>K Stewart</i>	Australia	Intrathecal baclofen: Impact at all levels of the ICF for children with severe dyskinetic cerebral palsy.
	11.48	<i>A Buizer</i>	Netherlands	Effect of selective dorsal rhizotomy on daily care and comfort in non-walking children and adolescents with a bilateral spastic paresis.
	13.30	<i>N Nallapeta</i>	UK	The emerging new Neurodevelopmental syndromes- Are we ready for it?
	13.42	<i>P Wilson</i>	Australia	Motor and Cognitive Mechanisms in Developmental Coordination Disorder: A review of experimental evidence as part of the ICG for DCD (2015).
	13.54	<i>J Lust</i>	Netherlands	"Neural mechanisms supporting observational motor learning in children with Developmental Coordination Disorder - An EEG study".
	14.06	<i>F van Abswoude</i>	Netherlands	Is working memory associated with explicit learning in children with low motor abilities?
	14.18	<i>I Adams</i>	Netherlands	Motor Imagery Training in Children with Developmental Coordination Disorder (DCD).
	14.30	<i>S Payne</i>	UK	A qualitative study highlighting the association between self-efficacy and outcomes in teenagers with developmental coordination disorder.
	14.42	<i>L Wiggs</i>	UK	Sleep disturbance in children with and without Developmental Coordination Disorder (DCD).
SESSION 10 GAIT YELLOW-C3	14.54	<i>M Farid</i>	Egypt	Environmental Toxic Pollutant and Trace Elements in Egyptian Children with Autism.
	15.06	<i>L Pennington</i>	UK	Prediction of speech intelligibility of children with cerebral palsy (CP) from characteristics at 2 years of age.
	15.18	<i>A Nordberg</i>	Sweden	Speech problems affect more than one in two children with cerebral palsy: Swedish population-based study.
	13.30	<i>W Strobl</i>	Germany	Early mobilisation by locomotion therapy following minimally invasive multi-level surgery for children and young adults with cerebral palsy.
	13.42	<i>D Sharan</i>	India	Neuropathic pain following a single event multilevel lever arm restoration antispasticity surgery for children with cerebral palsy.
	13.54	<i>A Krause</i>	Germany	Acute whole body vibration improves motor control in subjects with spastic cerebral palsy.
	14.06	<i>M Lintanf</i>	France	Effect of ankle-foot orthoses on gait in children with cerebral palsy: a meta-analysis.
	14.18	<i>K Cahill-Rowley</i>	USA	The Toddler Temporal-spatial Deviation Index: clinical assessment of pediatric gait.
	14.30	<i>K Wuebbenhorst</i>	Germany	Dynamic control during gait under single and dual-task situations in Williams syndrome.
SESSION 11 SEVERE CP AND VISUAL IMPAIRMENT YELLOW-C1+2	14.42	<i>T Matsuda</i>	Japan	Effects of gait training using a Robot Suit of Hybrid Assistive Limbs on spastic diplegia in Cerebral Palsy.
	14.54	<i>J Lorentzen</i>	Denmark	Randomized controlled clinical trial of the effect of gait training on muscle function and gait kinematics in adults with Cerebral Palsy.
	15.06	<i>E Bolster</i>	Netherlands	Energy cost of walking in relation to age and body height in children with cerebral palsy compared to typically developing children.
	15.18	<i>L van Vulpen</i>	Netherlands	Effectiveness of functional power training on walking ability in young children with cerebral palsy.
	16.00	<i>N Dale</i>	UK	Investigation of developmental progress in sensorimotor cognition and functional vision from 1 to 2 years in infants with severe visual impairment (VI).
	16.12	<i>E Ortibus</i>	Belgium	Glaespoel.CVI.Tod(dler)s, a novel diagnostic tool in the assessment of Cerebral Visual Impairment in the young child.
	16.24	<i>C Özal</i>	Turkey	Visual impairment affects functional balance in children with cerebral palsy.
	16.36	<i>J Sargent</i>	UK	Children with severe motor impairment: assessment of functional visual skills underpinning communication and interaction.
	16.48	<i>M Borgestig</i>	Sweden	Gaze-based assistive technology in daily activities by children with severe physical impairments.
SESSION 12 PAIN NUTRITION AND HEALTH YELLOW-C25-26	17.00	<i>K Stadskleiv</i>	Norway	Assessment of cognition in children with severe CP.
	17.12	<i>D Field</i>	Canada	POWER to be children: measuring participation in everyday life for those benefiting from power mobility use.
	17.24	<i>T Keren-Capelovitch</i>	Israel	Design and Fabrication of "DataSpoon", a tangible user interface for assessment of self feeding skills of typically developing children and children with cerebral palsy.
	17.36	<i>J Geytenbeek</i>	Netherlands	Relations between Grey and White matter lesions and language comprehension in children with severe CP; does it 'matter'?
	17.48	<i>K Seyhan</i>	Turkey	The Relation Between Postural Control, Quality of Upper Extremity Motor Skills and Gross Motor Function in Early-aged Spastic Quadriplegic Cerebral Palsy.
	16.00	<i>V Schiariti</i>	Canada	What do pediatric pain tools really measure?: content analysis using the International Classification of Functioning, Disability and Health.
	16.12	<i>A Alriksson-Schmidt</i>	Sweden	Pain in children and adolescents with cerebral palsy - a population based registry study.
	16.24	<i>E Johnson</i>	South Africa	Professionals' perceptions of pain communication of children with cerebral palsy in South African school settings.
	16.36	<i>S Nilsson</i>	Sweden	Professionals' perceptions of pain management of children with cerebral palsy in South African school settings.
	16.48	<i>K Benfer</i>	Australia	Longitudinal Study of Oropharyngeal Dysphagia in Preschool Children with Cerebral Palsy.
	17.00	<i>J Jung</i>	Australia	Nutritional status of children with Cerebral Palsy (CP) in rural Bangladesh: preliminary results from Bangladesh Cerebral Palsy Register (BCPR) pilot study.
	17.12	<i>A Kakooza-Mwesige</i>	Uganda	Malnutrition is common among children with cerebral palsy in Uganda particularly among the older children and those with history of neonatal complications.
	17.24	<i>S Edvinsson</i>	Sweden	Association between respiratory symptoms indicative of asthma, orofacial dysfunction and gross motor function in children and young adults with cerebral palsy.
	17.36	<i>C Davenport</i>	Australia	Association between body composition and bone health in pre-school aged children with cerebral palsy.
	17.48	<i>H Bjoergaas</i>	Norway	Mental health in children with cerebral palsy.

* Note; the first author might not always be the presenter

Friday 3 June | Waterfront | Posters

Poster nr	First author	Country	Abstracts: Neuroscience, Adulthood and Disability, Health and Well-being, Epidemiology and Surveys, Orthopedic management a o
1	E Park	South Korea	Neurodevelopmental outcomes of children with central gray matter lesion.
2	D Bartlett	Canada	Consensus Classifications of the Gross Motor, Manual Ability, and Communication Function Classification Systems between Therapists and Parents of Children with Cerebral Palsy.
3	C Newman	Switzerland	Measuring upper limb function in children with hemiplegia with 3D inertial sensors.
4	I Adams	Netherlands	Action Planning and Position Sense in Children with Developmental Coordination Disorder.
5	S Akhbari Ziegler	Switzerland	Contents of physical therapy in infants at high risk for neurodevelopmental disorders in Switzerland and Netherlands.
6	L Piccinini	Italy	Immersive virtual reality platform for walking rehabilitation in children with neurological disorders.
7	V Schiari	Canada	Which Measure Should I Use?: Content Analysis Using The ICF Core Sets For Children And Youth With Cerebral Palsy.
8	R Bulychova	Russia	Features of spastic cerebral palsy in full-term babies.
9	D Snik	Netherlands	Reliability and usability of the translated eating and drinking ability classification system (edacs) in children with cerebral palsy.
10	G Ari	Turkey	Trunk Control Training in Children With Spastic Diplegic Cerebral Palsy.
11	T Fjortoft	Norway	General movements and the quality of concurrent motor repertoire at 3 months of age in healthy term infants in USA and Norway.
12	B O'Connor	Australia	Use of classification tools by allied health professionals for children with cerebral palsy: a survey of practice.
13	D Bertule	Latvia	Family-Centred Care for Children with Cerebral Palsy in Latvia.
14	M Stridh	Sweden	Postural control in children, adolescents and young adults with congenital and childhood form of myotonic dystrophy type 1.
15	L Sakzewski	Australia	Practice change following an implementation study: The how and why of evidence adoption by occupational therapists working with children with cerebral palsy.
16	S Ricklin	Switzerland	Requirements to train a physiological walking pattern in the Lokomat with a dual task in children with neurological diagnoses.
17	C Hannon	UK	Goal-orientated group intervention for children with Developmental Coordination Disorder (DCD) transitioning to secondary school.
18	M Geijen	Netherlands	Reliability and validity of the Task-oriented Arm Capacity instrument during bimanual activities in children with unilateral Cerebral Palsy.
19	H Sato	Japan	Head and trunk positions during sleep in adults with severe cerebral palsy and their relation to postural deformities.
20	J Bolk	Sweden	Visual motor integration and hand function at school age in extremely preterm children and relation to neonatal brain volumes.
21	I Riquelme	Spain	Immediate and delayed improvements in bimanual coordination after bimanual intensive intervention in children with cerebral palsy.
22	L Brauers	Netherlands	Commonly used muscle fatigue calculations used in other patient groups are not applicable in children with Cerebral Palsy.
23	E Kaakkuriniemi	Finland	A tool for a multiprofessional team to unite the goals of habilitation and education.
24	S Dufour	Canada	Walking patterns change following intense exercise in youth with mild cerebral palsy.
25	P Marsico	Switzerland	The relevance of nerve mobility on function and activity in children with Cerebral Palsy.
26	E Romeckers	Netherlands	Task-oriented arm strength training in children with cerebral palsy.
27	M Martinez-Moreno	Spain	Comparative results of the health-related quality of life of children with hemiparesis and their parents.
28	L Hultman	Sweden	Assisted participation in adolescent's everyday life.
29	N Padilla	Sweden	Autism spectrum disorder in ex-preterms is preceded by altered neonatal brain volumes in multimodal association areas and altered patterns of brain asymmetry.
30	N Padilla	Sweden	Low-grade intraventricular hemorrhage in extremely preterm infants: relation to brain volumes and cognition.
31	J Fagopaga-Mata	Spain	Evolution of functional capacity, assessed with the Egen Klassifikation scale in the Spanish population with spinal muscular atrophy or Duchenne Muscular Dystrophy. A three year longitudinal study.
32	L Antonietti	Switzerland	How children and adults with severe cerebral palsy can achieve efficient driving of an electric wheel chair.
33	K Ramstad	Norway	The impact of hip displacement on four domains of the CPCCHILD questionnaire. A population-based study of 67 children with severe cerebral palsy.
34	H Wandin	Sweden	What do people with severe disabilities communicate with the help of communication aids?
35	C Gerber	Switzerland	Feasibility of a portable, virtual-reality based neuro-pediatric upper limb training system.
36	T Chang	Taiwan	Cognition and Language Functions in Pre-school Children with Cerebral Palsy.
37	E Ortiús	Belgium	Children with spastic CP in mainstream education are as accurate in mathematical skills as their peers, but need more time to do so.
38	E Ortiús	Belgium	Cvit 3-6, a screening test for cerebral visual impairment in young children.
39	M Yngve	Sweden	Evaluation of the psychometric properties of the School Setting Interview (SSI) for students with cognitive difficulties in upper secondary school.
40	J Bourseul	France	Care-related pain and discomfort in children with motor disabilities in rehabilitation centres.
41	A Kakooza-Mwesige	Uganda	Cross-Cultural Adaptation and Translation of the Paediatric Evaluation Disability Inventory (PEDI) in Uganda.
42	R Boyd	Australia	Relationship between brain structure and the early manual ability in preschool aged children with cerebral palsy.
43	L McCartney	Australia	The Kids Rehab eMR Project - Improving non-clinical support systems for clinicians working in an ambulatory rehabilitation setting.
44	P Thomason	Australia	The Gait Outcomes Assessment List (GOAL): Validation of a new measure of gait function in ambulant children with cerebral palsy.
45	P Thomason	Australia	The Gait Outcomes Assessment List (GOAL): Discriminative Validity of a new measure of gross motor function for ambulant children with cerebral palsy.
46	S Taylor	Australia	Does sensation change with age in children and adolescents? A systematic review.
47	M Stahlhut	Denmark	Ambulation level and walking performance in a total population of girls and women with Rett syndrome in Denmark.
48	H Saudreau	France	"It has to be painful to be effective": experiences of children with cerebral palsy during physiotherapy.
49	E Bardo	Norway	Activity activity monitor as evaluation tool of gait in children with cerebral palsy – a validation study.
50	G Ickx	Belgium	Ontogenesis of Visuospatial Attention in Typically Developing Children.
51	G Ickx	Belgium	Impairments of Visuospatial Attention in Children with Unilateral Cerebral Palsy.
52	K Himmelmann	Sweden	Reliability of Bimanual Fine Motor Function (BFMF) – an easy-to-use version.
53	S Pérez-de la Cruz	Spain	Physical therapy in obstetric brachial palsy.
54	M Mount	UK	Are we addressing upper limb function? An audit to identify goal setting priorities in children with cerebral palsy.
55	K Price	UK	Early Social Communication Skills of Children with Cerebral Palsy: measuring the range.
56	G Baranello	Italy	The Italian Network for Cerebral Palsy (Ita-Net-CP): working for training, improving assistance and research activities, disseminating evidence-based assessment and treatment protocols.
58	T Kiviranta	Finland	Unifying multiprofessional evaluation in clinical practice: CP as an example.
59	M Jekovec - Vrhovsek	Slovenia	Five Pairs of Twins with Autistic Spectrum Disorder.
60	J Takashio	Japan	The Multilocomotor with pedaling system enhances mobility and the exploration in children with special needs.
61	K Lahti	Finland	Prediction of cognitive outcome at two years of age by using DTI in preterm infants.
62	H Lidström	Sweden	Needs of environmental adjustments for students with cognitive disabilities in upper secondary school.
63	K Klingels	Belgium	Muscle fatigue during isometric grip tasks in adolescents with unilateral cerebral palsy.
64	C Montgomery	Sweden	Discriminative ability of SOMP-I for infants at risk for Cerebral Palsy.
65	J Hoskens	Belgium	Concurrent and divergent validity of the Bayley Scales of Infant and Toddler Development, Third edition.
66	M van der Krogt	Netherlands	Real-time feedback to improve gait in children with cerebral palsy.
67	M Kattelus	UK	Supported standing programs in pre-school children with Cerebral Palsy: Could we do it any better?
67	K Oostrom	Netherlands	WANTED: Partners for translation and validation of the C-BiLLT for standardized language assessment appropriate for non-speaking children with severe cerebral palsy.
68	Å Bortonek	Sweden	Spatial navigation during locomotion in children with motor disorders.
69	N Nallapeta	UK	Variation of unknown significance detected by array comparative genomic hybridisation (Array-CGH) and their clinical impact.
70	U Lebahn	Denmark	Basic course in sequential oral sensory approach to feeding (SOS).
71	L Barber	Australia	Validity of Accelerometry to Measure Physical Activity in Children and Adolescents with an Acquired Brain Injury.
72	T Pin	China	Clinical transition for adolescents with developmental disabilities in Hong Kong- a pilot study.
73	M Driscoll	Canada	Can parents become generic therapist and administer high frequency therapies to their child with cerebral palsy?

Friday 3 June | Waterfront | Posters

Nr	Author	Country	Abstracts: Neuroscience, Adulthood and Disability, Health and Well-being, Epidemiology and Surveys, Orthopedic management a o
74	T Oberg	Brazil	Hand Function Test in Down Syndrome: comparison of three validated evaluation protocols.
75	H Chen	Taiwan	Kinematic analysis of gait while walking over an obstacle in ambulatory children with cerebral palsy.
76	T Oberg	Brazil	Movement acceleration in practice of virtual games: a study with Down's syndrome children and adolescents.
77	E Meehan	Australia	Hospital admissions in children and young people with cerebral palsy: a data linkage study.
78	K Wright	Australia	Investigating the relationship between hypermobility and movement proficiency in children between 6-12yrs old.
79	E Murray	Australia	The frequency and nature of use of the speechBITE website: A tool for evidence based intervention.
80	C Lidbeck	Sweden	Sensory-motor function in children with bilateral spastic cerebral palsy in relation to standing ability with or without support.
81	J Tan	Australia	Reliability of manual muscle testing (MMT) for children with Spina Bifida.
82	S Setänen	Finland	Volumetric neonatal brain MRI and motor development in preterm infants at 11 years of age.
83	A Nyman	Finland	Functional outcome of preterm children at school age: association between cognitive assessments and teacher evaluations.
84	M Clarke	UK	Eye-pointing classification in non-speaking children with severe cerebral palsy.
85	C Chen	Taiwan	Reaching kinematics and upper limb dysfunction in children with cerebral palsy.
86	S Kornfeld	Switzerland	Longitudinal resting-state changes after sub-acute arterial ischemic stroke in a seven-year-old boy.
87	J Geytenbeek	Netherlands	Characteristics of sentence comprehension in non-speaking children with severe cerebral palsy: delayed or deviant?
88	E Bolster	Netherlands	The energy cost of walking and aerobic capacity in children with physical disabilities having walking complaints.
89	I Vestrheim	Norway	Computer Based Working Memory Training Initiated in a Hospital Setting for Children with Cerebral Palsy (CP) at Preschool Age – Pilot Project Protocol.
90	A Sarcher	France	Distinction between pathological and functional muscle co-activation during active elbow extension in children with spastic unilateral cerebral palsy.
91	J Paradis	Belgium	Unilateral cerebral palsy is not always the mildest type of cerebral palsy in daily life activities.
92	E Durgut	Turkey	The Effect of Balance on Activities of Daily Living in Children with Intellectual Disability.
93	K Benestad	Norway	"At the brink of leaving work".
94	T Aro	Finland	Retrospective study on cognitive development of children with cerebral palsy.
95	L Broström	Sweden	Minor neurological dysfunction is associated with developmental outcomes and neonatal brain abnormalities in extremely preterm children.
96	K Hurtubise	Canada	The role of knowledge brokers in a virtual learning context: a descriptive case study in paediatric physiotherapy.
97	E Jaspers	Switzerland	Mirror movements during repetitive squeezing: a quantitative approach in children with unilateral cerebral palsy.
98	A Massaad	Lebanon	3D muscular parameters in children with cerebral palsy with no medical history.
99	S Kweon	South Korea	Comparison of videofluoroscopic findings and clinical symptoms of pediatric dysphagia.
100	M Kostovic Srzentic	Croatia	Cognitive impairment in children with cerebral palsy and relation to neonatal factors and motor outcome.
101	M Speedtsberg	Denmark	Children with Developmental Coordination Disorder show impaired local dynamic stability during gait.
102	J Rudisch	UK	Clinical Implications of Bimanual Interference in Children with Unilateral Cerebral Palsy.
103	S Ghanem	Lebanon	Repeatability and uncertainty assessment of the Lebanese version of Test of Aided-communication Symbol Performance (TASP) in typically developing children.
104	S Ray-Kaesler	Switzerland	Identification of children with developmental coordination disorder with EACD diagnostic recommendations.
105	L Hansen	Denmark	The reliability of the segmental assessment of trunk control (SATCO) in children with cerebral palsy.
106	C Zorzi	Italy	Evaluation of graphic and constructional praxis abilities in children through a digitizing tablet.
107	E Bieber	Italy	Manual function outcome measures in children with developmental coordination disorders: a systematic review.
108	E Sicola	Italy	Predictivity of Assisting Hand Assessment on unimanual capacities and bimanual performances at preschool age.
109	J Gómez	Spain	Core-set of Cerebral Palsy applied in a group of students in a Special Education School in Spain.
110	G Cioni	Italy	Correlation between unimanual capacities and bimanual performances in unilateral cerebral palsy: the role of lesion timing.
111	K Jesse	Estonia	Gross motor function in children after perinatal ischemic stroke.
112	K Seyhan	Turkey	The relation between trunk control and gross, fine motor, communication and eating-drinking functions in children with cerebral palsy.
113	Ö Cankaya	Turkey	The relation between functional independence and gross- fine motor function, communication and eating-drinking functions in children with cerebral palsy.
114	A Veijola	Finland	Setting goals within a rehabilitation group.
115	K Seyhan	Turkey	Does the trunk control differ according to the limb influences in children with spastic cerebral palsy?
116	S Pagura	Canada	Mapping pediatric rehabilitation Across Canada – Challenges in providing services to children with childhood disability.
117	E Schmetz	Belgium	Spatial localization skills in cerebral palsied children: how the presentation can influence children performances?
118	M Pannzek	Germany	Falls risk in children with Williams Syndrome under single- and dual-task conditions.
119	M Huri	Turkey	Adaptation, Reliability and the Validity Testing of a Turkish Version of the Short Child Occupational Profile (SCOPE).
120	F Manikowska	Poland	Assessment of Selective Motor Control by Using Electromyography.
121	H Abaoglu	Turkey	Developing of Family Functioning Scale in Rehabilitation.
122	SAkel	Turkey	Effect of occupational therapy on fine motor skills and the degree of motivation in children with cancer.
123	S Zoia	Italy	A comparison of Movement ABC-2 data from Italy and the UK.
124	A Louwers	Netherlands	Inter-rater and test-retest reliability of the adolescent version of the Assisting Hand Assessment (Ad-AHA) and alternate-form reliability of different test activities of the AHA in adolescents with unilateral Cerebral Palsy.
125	J Rajkumar	India	Use of activity monitors as an outcome assessment tool in children with cerebral palsy - a systematic review.
126	C Camden	Canada	Using a virtual community of practice to foster the implementation of best practice in childhood disability: an example in developmental coordination disorder.
127	L Mullback	Sweden	EBM versus ICF.
128	B Kepenek Varol	Turkey	Effects of respiratory distress syndrome in preterm infants at the corrected 12 months of age.
129	M Gofer- Levi	Israel	Motor- Perceptual and Cognitive Procedural Skill Learning Patterns of Children with Cerebral Palsy and Children with Traumatic Brain Injury- A Comparative Study.
130	B Kepenek Varol	Turkey	The relationship between demographic characteristics of preterm infants and a detailed assessment of fidgety movements.
131	A Greitane	Latvia	Use of ICF-CY principles in habilitation practice.
132	I Telgenkamp	Netherlands	To analyze the variability of the Jebsen-Taylor Test of Hand Function (JTTHF) outcomes as a result of Hybrid Constraint-Induced Movement Therapy (H-CIMT): a multiple single subject design.
133	S Johnsen	Norway	Change in gross motor function in preschool children with cerebral palsy (CP) participating in a Norwegian intensified habilitation program.
134	A Behboodi	USA	Real-time Detection of 7 Phases of Gait in Children with CP Using Minimized Sensor Setup.
135	A Johansson	Sweden	Associations between manual dexterity scores from the M-ABC 2 and kinematic properties of goal-directed upper-limb movements and in school-aged children born preterm.
136	S Amado	Portugal	Functional domains for children and youth with CP in Portugal: comparative study based on the ICF Core Sets for CP.
137	L Switzer	Canada	The Canadian Occupational Performance Measure (COPM): How does it perform over a 3-year period for young children with cerebral palsy (CP)?
138	S Amado	Portugal	Applying the ICF Core Sets for children and youth with CP in Community-Based Rehabilitation programs in Malawi.
139	M Stortini	Italy	Postural control intervention: a clinical study related to the efficacy of training balance in children from 2 to 6 years-old with spastic cerebral palsy.
140	S Amado	Portugal	Applying the ICF Core Sets for children and youth with CP in Portugal: a case series.
141	R Boyd	Australia	"Relationship between clinical assessment of mirror movements and microstructural integrity of corticospinal and thalamocortical tracts in children with unilateral cerebral palsy".

Saturday 4 June | Waterfront | Overview

LECTURE HALLS	RED-A1 (LEVEL 4)	BLUE-A2 (LEVEL 5)	BLUE-A4 (LEVEL 5)	YELLOW-C1+2 (LEVEL 2)
08.00–09.00	INSTRUCTIONAL COURSE The Next Generation of Intensive Pediatric Rehabilitation Therapies: Efficacy to Effective Clinical Implementation. <i>S DeLuca, S Ramey, P Coker-Bolt, J Heathcock</i>	INSTRUCTIONAL COURSE Physical activity stimulation in children with physical disabilities: putting a family in motion. <i>L Van Wely, E Bolster, P Van Schie, M Bloemen, J De Groot, A Dallmeijer</i>	INSTRUCTIONAL COURSE Diffusion Tensor Imaging: Analysis Options in Pediatric Neuroimaging Research. <i>A Poretti, T Huisman, A Hoon</i>	INSTRUCTIONAL COURSE Spina bifida: Management towards an optimal upright standing and walking. <i>E Pontén, Å Bartonek, M Eriksson, E Gutierrez Farewik</i>
09.00–10.00	MINI-SYMPOSIUM International Clinical Guidelines for Early Detection and Early Neurorehabilitation of infants with CP – evidence and opportunities. <i>C Morgan, A Guzzetta, A Spittle, D Romeo, I Novak</i>	PANEL DISCUSSION Partnership in Knowledge Exchange to translation – engaging in possibilities opportunities, and challenges. <i>E Nordmark, J Gorter, D Russell, M Ketelaar, M Wallen, C Imms, A Alriksson-Schmidt</i>	MINI-SYMPOSIUM Pediatric Rehabilitation Services: Expanding Horizons. <i>R Palisano, L Chiarello, S McCoy, D Bartlett</i>	FREE PAPERS Session 13: Outcome measures. Chair: A Majnemer, S Love <i>G Saloojee, A Amer, J van den Noort, J Balzer, J Rajkumar, R Battini, S Foley, J Atkinson, A Schreiber, L Heyrman</i>
10.00–11.00			The Visual Function Classification System: a new classification system for visual function in children with Cerebral Palsy. <i>G Baranello, P Rosenbaum, B Deramore Denver, L Haataja</i>	
11.00–12.00	COFFEE, POSTERS AND EXHIBITION			
12.00–12.30	Keynotes Chairs: B Dahn, P Rosenbaum	Ilina Singh, UK: ADHD and stimulant drug treatments: moral experiences of children.		
12.30–13.00		Gillian King, Canada: Engagement of children, youth, and families in therapy.		
13.00–13.30		Richard Ellenson, USA: In Praise of Imperfection.		
13.30–14.00		CLOSING CEREMONY		





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injektionsvätska, lösning 50 E (EF), 100 E (F), 200E (F), Rx., ATC: M03AX01. Indikationer: Neurologiska dynamisk spetsfot orsakad av spasticitet, hos ambulanta patienter (över 2 års ålder) med juvenil hand samt i fotled hos vuxna patienter efter stroke. Blefarospasm, hemifacial spasm och associerade torticollis. Symtomlindring hos vuxna som uppfyller kriterierna för kronisk migrän (huvudvärk ≥ 15 migrän), hos patienter som har svarat otillräckligt eller är intoleranta mot profylaktiska migränläkemedel.

Prepared April 16
SW/0059/2016

Saturday 4 June | Waterfront | Overview

LECTURE HALLS	YELLOW-C3 (LEVEL 2)	YELLOW-C4 (LEVEL 2)	YELLOW-24-25 (LEVEL 2)
08.00–09.00	INSTRUCTIONAL COURSE Supporting lifelong health-related fitness and physical behaviour among individuals with Cerebral Palsy. <i>W van der Slot, JW Gorter, M Peterson, R van den Berg-Emons</i>	INSTRUCTIONAL COURSE Let's Talk About Care of Cerebral Palsy in Developing Countries. <i>U Givon, D McDowell, F Hadazgic-Catibusic</i>	INSTRUCTIONAL COURSE Racerunning, from therapy to participation. <i>P van Schie, L Bryant, L Björk, N Tennant</i>
09.00–10.00	FREE PAPERS Session 14: Basic science. Chairs: U Åden, B Gillick <i>V Tewari G Polglase M Tollaanes I Zielinski R Boyd M Cooper L Bar-On F von Walden S Dayanidhi P Lallemant-Dudek</i>	MINI-SYMPOSIUM Finding The Way: Overcoming Sociocultural Barriers That Impact Well Being of Children With Disabilities. <i>R Armstrong, J Bornman, A Kakooza-Mwesige, N Khan</i>	
10.00–11.00			

Saturday 4 June | Waterfront | Free Papers

Session	Time	Author*	Country	Abstract title
SESSION 13 OUTCOME MEASURES YELLOW-C1+2	09.00	<i>K Krige</i>	South Africa	Empowering carers and children with cerebral palsy from impoverished african settings - how do we measure outcomes?
	09.12	<i>A Amer</i>	Sweden	Validity of the Ugandan version of Paediatric Evaluation of Disability Inventory (PEDI-UG).
	09.24	<i>J van den Noort</i>	Netherlands	A Delphi approach to arrive at European consensus on the concepts and measurement of spasticity.
	09.36	<i>J Balzer</i>	Switzerland	Measuring selective voluntary motor control of the lower extremity in children with upper motor neuron lesions – A COSMIN review.
	09.48	<i>J Rajkumar</i>	India	Four direction square test as tool for measuring standing balance in children with cerebral palsy: a validation study.
	10.00	<i>R Battini</i>	Italy	Psychometric properties of Movement Disorder-Childhood Rating Scale.
	10.12	<i>S Foley</i>	Australia	Supports and barriers perceived by allied health practitioners prior to implementing routine clinical assessment of children with cerebral palsy: a qualitative study.
	10.24	<i>J Atkinson</i>	UK	Identifying attention deficits in typical preschool children and neurodevelopmental disorders: a new iPad app of the Early Childhood Attention Battery (ECAB).
	10.36	<i>A Schreiber</i>	France	The natural history of Duchenne Muscular Dystrophy with corticosteroids using the Motor Function Measure.
	10.48	<i>L Heyrman</i>	Belgium	Psychometric properties and reference values of the Trunk Control Measurement Scale in young children with cerebral palsy.
SESSION 14 BASIC SCIENCE YELLOW-C3	09.00	<i>V Tewari</i>	India	The 10,000 fold effect of retrograde neurotransmission - a new concept for cerebral palsy revival: use of nitric oxide donors (intrathecal sodium nitroprusside and oral tadalafil).
	09.12	<i>G Polglase</i>	Australia	Effects of ventilation following intrauterine inflammation on the cerebral cortex of preterm lambs.
	09.24	<i>M Tollaanes</i>	Norway	Risks for neurodevelopmental disorders or perinatal death in siblings of children with cerebral palsy.
	09.36	<i>I Zielinski</i>	Netherlands	Developmental Disregard in children with unilateral Cerebral Palsy is accompanied by a lack of movement related mu-suppression.
	09.48	<i>R Boyd</i>	Australia	Relationship between brain structure and school readiness in pre-school aged children with cerebral palsy.
	10.00	<i>M Cooper</i>	Australia	The frequency and types of epilepsies in children with cerebral palsy and white matter injury.
	10.12	<i>L Bar-On</i>	Belgium	An ultrasound platform to assess medial gastrocnemius muscle and Achilles tendon lengthening during slow passive stretch in typically developing children and children with cerebral palsy.
	10.24	<i>F von Walden</i>	Sweden	Skeletal muscle gene expression in children with cerebral palsy favors collagen production and net muscle loss.
	10.36	<i>S Dayanidhi</i>	USA	Reduced Mitochondrial Enzyme Activity in Skeletal Muscle in Children with Cerebral Palsy.
	10.48	<i>P Lallemant-Dudek</i>	France	A shearwave elastography muscles comparison between children with cerebral palsy and control children.

* Note; the first author might not always be the presenter

Saturday 4 June | Waterfront | Posters

Poster nr	First author	Country	Abstracts: Neuroscience, Adulthood and Disability, Health and Well-being, Epidemiology and Surveys, Orthopedic management a o
1	L Macias-Merlo	Spain	Effects of the standing Program with Hip abduction on Hip Acetabular Development in Children with Spastic Diplegia Cerebral Palsy.
2	Y Lin	Taiwan	Evaluating functional outcomes of botulinum toxin type A injection combined with occupational therapy in the upper limbs of children with cerebral palsy: A 9-month follow-up from the perspectives of both child and caregiver.
3	G Lidman	Sweden	Botulinum toxin A injections and occupational therapy in children with unilateral spastic cerebral palsy: a randomized controlled trial.
4	A Braccialli	Brazil	Effectiveness of intensive therapy for children with cerebral palsy: a case report.
5	M Broberg	Sweden	Need, equality and sufficiency of psychological support to parents of children with disabilities in Sweden.
6	S Vemuri	Australia	Death in children with severe physical disability; can we improve care by looking at the last two years of life?
7	E Park	South Korea	Change in pulmonary function after incentive spirometer exercise in children with spastic cerebral palsy: a randomized controlled study.
8	R Yonetsu	Japan	Effects of rhythmic auditory stimulation walking training on gait in children with cerebral palsy: A pilot study.
9	N Graham	UK	Engaging children and adults as study advocates when designing research.
10	G Kleverberg	Norway	Hand function in young children with cerebral palsy: current practice and parent-reported benefits.
11	C Newman	Switzerland	The digital schoolbag: user experiences.
12	I Martins	Portugal	Influence of motor restrictions on representational momentum: a study in individuals with Cerebral Palsy.
13	O Kachmar	Ukraine	Stepping Games for Training Motor Functions.
14	M Miyahara	New Zealand	The classification of intervention approaches for children with Developmental Coordination Disorder (DCD) in systematic and meta-analytic reviews - a fundamental problem?
15	S Moniruzzaman	Bangladesh	Access of Autistic Children to Occupational Therapy Intervention in Bangladesh.
16	S Moniruzzaman	Bangladesh	Two-week Intensive Program for children with Cerebral Palsy in Bangladesh.
17	K Stewart	Australia	Upper extremity serial casting: Clinical audit supports further good quality research.
18	D Curtis	Denmark	The effect of Targeted Training on gross motor function in children with cerebral palsy using hypothetical matched controls.
19	K Lauruschkus	Sweden	Participation in physical activities for children with physical disabilities: feasibility and effectiveness of physical activity referrals.
20	L Sakzewski	Australia	Impact of multi-modal web-based rehabilitation on occupational performance and upper limb outcomes: randomized trial in children with acquired brain injury.
21	M Valentin-Gudiol	Spain	Systematic review about the efficacy of treadmill interventions with partial body weight support in children under six years of age at risk of neuromotor delay.
22	O Klochkova	Russia	On the way to the Russian Consensus on the botulinum toxin A (BTA) treatment in cerebral palsy (CP).
23	A Ryan	UK	Can we demonstrate the clinical utility of modified Constraint Induced Movement Therapy (mCMIT) as an intervention for children and young people following an acquired brain injury in a residential rehabilitation setting?
24	I Ruijgt	Netherlands	How to communicate with children with profound (intellectual) (and) multiple disabilities? Evaluation of a systematic intervention method.
25	B Snijders	Netherlands	Effect of a 5 day Hybrid CIMT program in children with Unilateral Cerebral Palsy in the age of 5-12 years.
26	L Braccialli	Brazil	Access computer by children and young people with cerebral palsy.
27	J Smith	UK	Acceptability of intensive speech therapy delivered via Skype to children with dysarthria and cerebral palsy.
28	C Ammann-Reiffer	Switzerland	Effectiveness of robot-assisted gait training in children with cerebral palsy: A pragmatic, randomized, cross-over trial (PeLoGAIT).
29	V Knox	UK	Therapist's perceptions of factors that contribute to parents' satisfaction with intensive treatment for children with cerebral palsy.
30	S McCoy	USA	Longitudinal comparison of rehabilitation services received by children with cerebral palsy and their leisure participation from 1.5 to 11 years age.
31	D Brandão	Portugal	Challenge and participation in youth with cerebral palsy – a follow up.
32	S Wallin Ahlström	Sweden	Development and evaluation of a model for intervention using the method "My time" and time aids for children with disabilities. Pilot study.
33	K Horridge	UK	Disability Matters: creation of a suite of learning resources that challenge attitudes towards disabled children and young people.
34	K Horridge	UK	Impact of austerity measures on families with disabled children.
35	L Speth	Netherlands	Effects of botulinum toxin A injections and/or bimanual task-oriented therapy on hand functions and bimanual skills in children with unilateral Cerebral Palsy: a clinical trial.
36	C Morgan	Australia	A "different ride" to an uncertain future – parent experiences of early diagnosis and GAME intervention.
37	M Jenni	Switzerland	Can an intensive indoor climbing therapy improve the trunk performance and upper limb functions in children with cerebral palsy?
38	R Toovey	Australia	Effects of a goal directed intensive bicycle skills group program for children with cerebral palsy: a case series.
39	H Tegler	Sweden	Teaching aided communication: self-report and intervention by SLPs.
40	J Jim	UK	Empowering parents to be parents in paediatric severe acquired brain injury using the "NIF-TY": the Neuropsychological Integrated Formulation model.
41	H Liddiard	UK	The "SNAP" 2: Post-acute Systematic Neuropsychological Assessment Profile - using observations and participation in activities to compile a neuropsychological profile.
42	S Eden	UK	Cerebral palsy Africa exchanging experience and expertise with all who strive to enable children with cerebral palsy to reach their potential.
43	N Kolehmainen	UK	Enabling participation in physical play in children with motor impairments: identifying biopsychosocial targets for interventions.
44	R Kalleson	Norway	Empowerment and quality of life among parents with young children with cerebral palsy.
45	P Diaz Borrego	Spain	Social participation in cerebral palsy. Co-morbidities relationship.
46	H Driver	UK	At home with autism: creating a communication enabling home environment to include a young child with autism.
47	P Diaz Borrego	Spain	Social participation in cerebral palsy. Communication and feeding relationship.
48	S Nogués-orte	Spain	The effects in upper extremities function using a headpod in a child with cerebral palsy.
49	H Towse	UK	Early Physiotherapy and Down Syndrome: Does this Improve Age of Walking?
50	A Hwang	Taiwan	Cross-cultural validation and reliability of the Chinese version of the Children's Assessment of Participation and Enjoyment (CAPE) for children with and without physical disabilities.
51	Y Lin	Taiwan	Botulinum Toxin Injection to Improve Functional Independence and to Alleviate Parenting Stress in a Child with Advanced Pantothenate Kinase-Associated Neurodegeneration.
52	L Buch-Jepsen	Sweden	Parents' experience of participation in the implementation of Augmentative and Alternative Communication (AAC).
53	E Holmqvist	Sweden	Gaze controlled computers for children with multiple disabilities – what factors influence to what extent the computer can be a benefit for the child? A qualitative study based on semi structured interviews with key persons.
54	L Sjöberg	Sweden	Long term results of early myoelectric prosthesis fitting- a prospective case-control study.
55	F Grob	Switzerland	Do new control modes that allow kinematic variability lead to increased activity during robot-aided gait training?
56	M Adams	UK	Addressing an urgent unmet need: creating evidence-based resources for community health workers to support children with neurodevelopmental disabilities in low-resource contexts.
57	K Izumi	Japan	The Spider therapy changes the loading in sitting in children and adults with cerebral palsy.
58	D Isaac	UK	An exploratory study of the effect of Bobath therapy on the empowerment of caregivers attending Bobath Childrens Therapy Centre Wales (BCTCW).
59	M Alsem	Netherlands	Empowering parents: Developing a digital tool to guide parents of children with disabilities to the right information.
60	I Vestreheim	Norway	Parenting stress and optimism among mothers and fathers of preschool children with cerebral palsy.
61	S Jozsa	Sweden	A Challenging School Day in Move & Walk School, Where Conductive Education Meets Swedish National Curriculum.
62	H Kim	South Korea	The effect of group art therapy on language development in children with cognitive impairment.
63	R Tillmann	UK	Selective Dorsal Rhizotomy a "Learning Journey" Do the changes post SDR, as perceived by the parents, indicate gaps in the objective clinical assessment including GMFM-66/-88, 2/6 Minute Walk Test and CP-QoL?
64	E Nordmark	Sweden	CPUP Family Faculty" - to invite and involve Users and their Families in a Secondary Prevention Health Programme.
65	Y Kawamura	Japan	A follow-up study on reasons for the cessation of botulinum toxin-A therapy.
66	D Levac	USA	Combining clinic- and home-based virtual reality exercise programs for children with cerebral palsy.
67	A Öhrvall	Sweden	To do and participate - Enhancing participation in daily life through Cognitive Orientation to daily Occupational Performance in young persons with spina bifida or cerebral palsy.
68	A Pasquale	Italy	Augmented Reality face game in early oral motor treatment: single case study.
69	O Nazar	Ukraine	Interval hypoxic training in rehabilitation of children with cerebral palsy.
70	K Alfredsson Ågren	Sweden	Internet use among adolescents with intellectual disabilities in home and at school.

Saturday 4 June | Waterfront | Posters

Poster nr	First author	Country	Abstracts: Neuroscience, Adulthood and Disability, Health and Well-being, Epidemiology and Surveys, Orthopedic management a o
71	F Read	Australia	Longitudinal assessment of gait quality in children with diplegia following serial lower limb intramuscular Botulinum Toxin-A injections.
72	D Levac	USA	Using a website to facilitate therapist monitoring of a home-based video-gaming exercise program for children with cerebral palsy.
73	L Azzaria	Canada	Financial Burden on Canadian Families Taking Care of a Child with Cerebral Palsy (CP): A Prospective Study.
74	A Wolff	USA	Effect of Inter-manual training on hand shaping during grasp in children with Unilateral Spastic Cerebral Palsy.
75	M Alsem	Netherlands	Strategies of information seeking of parents of children with physical disabilities: An explorative qualitative study.
76	J Hung	Taiwan	Developing a Suite of Motion-controlled Games for Upper Extremities Training in Children with Cerebral Palsy.
77	B McLean	Australia	SCOPE-IT model applied to a somatosensory discrimination intervention for children with cerebral palsy.
78	M Thomas	UK	Understanding parental attitudes towards early screening for autism spectrum disorders.
79	M Saborowski	Germany	Reconstructing gaze - problems of communication partners and children using gaze control for a communication aid.
80	M Schreglmann	UK	Are two-year old children who underwent Therapeutic Hypothermia for neonatal Hypoxic Ischaemic Encephalopathy at increased risk of behavioural problems?
81	A Thomas	South Africa	A Case report of a child with HIV infection and Glutaric Aciduria Type 1.
82	B Hong	South Korea	Gross Motor Outcome of Intensive Therapy in Children with Cerebral Palsy and Developmental Delay.
83	M Saborowski	Germany	New guide to planning and implementing the use of gaze control for a communication aid.
84	L Van Wely	Netherlands	Perspectives of Dutch physiotherapists towards self-management support: a Q-methodology study.
85	A Sarkadi	Sweden	Helping helpers help: A program for supporting non-governmental organizations working with disabled children.
86	B Eriksson	Sweden	Evaluation of treatment with hand orthoses for boys with Duchenne muscular dystrophy.
87	A Sköld	Sweden	Possibilities with the quality registry HabQ – the view of parents.
88	R Frisk	Denmark	Intensive gait training in adults with cerebral palsy may lead to larger push-off velocity through increased contribution of sensory feedback to plantar flexor muscle activity.
89	N Mouawad	Lebanon	The short and long term effects of a prone standing program on muscle length in non ambulant children with cerebral palsy.
90	E Domellöf	Sweden	Gender differences in needs, received interventions and realization of individual goals in the rehabilitation of children with high-functioning autism spectrum disorder.
91	I Jeglinsky	Finland	Toward Family-Centred Service – Do we need to identify the critical families?
92	Y de Alwis	UK	Long stay patients: a review of children undergoing neuro-rehabilitation in a tertiary neurosciences unit.
93	S Mackay	UK	“Teen Academy” – Working with teenagers who have Cerebral Palsy: what goals do they set & what outcomes do they report?
94	G Thunberg	Sweden	Is it possible to measure AAC-effects physiologically? A pilot study within a pediatric care setting.
95	A Polovina	Croatia	Parent as a therapist: their view.
96	J Parr	UK	The Drooling Reduction Intervention (DRI) trial: Is hyoscine or glycopyrronium more effective and acceptable for the treatment of drooling in children with neurodisability?
97	M Eriksson	Sweden	Health-related quality of life and satisfaction with orthoses in a Swedish population of children with arthrogryposis.
98	C Simon-Martinez	Belgium	Combining Constraint Induced Movement Therapy and Action Observation Training: A Study Protocol of a Randomized Controlled Trial in Children with Unilateral Cerebral Palsy.
99	R Wong Chung	Netherlands	One, two, three, towards self-responsibility?! Exploring intentions for self-management of parents of children with a chronic condition and rehabilitation professionals.
100	M Borgestig	Sweden	Parents' experiences when their children with severe physical impairments use gaze-based assistive technology in daily life.
101	M Bonikowski	Poland	Multi-dimensional efficacy of abobotulinumtoxinA injections on spasticity in children with dynamic equinus foot deformity due to cerebral palsy: 12-week efficacy results of a Phase III, randomized, controlled study.
102	J Slaughter-Acey	USA	Socioeconomic Disadvantage and Spastic Cerebral Palsy: a matched case-control study, Michigan, USA.
103	H Gimeno	UK	Functional Outcomes using the Assessment of Motor and Process Skills (AMPS) following Deep Brain Stimulation (DBS).
104	S Lähteenmäki	Finland	LIFE CARRIES ON – Narrative research on the life stories of youth with CP and related speech disorders Acta Universitatis Lapponiensis 265.
105	T Brown	South Africa	Facilitating improvement and change in services for children with Cerebral Palsy in low resourced, rural hospitals without increasing costs.
106	W Hong	Taiwan	Reaching kinematics on concrete and imaginary tasks in children with cerebral palsy.
107	M Weyer	South Africa	Parent-led workshops can create a positive therapeutic environment and dispel misperceptions in resource-constrained settings.
108	G Saloojee	South Africa	Five-days of intensive hands-on therapy improves motor and functional performance in children with CP living in a rural African setting: a randomized controlled trial.
109	T Adlam	UK	Defining the requirement for a system to enable the exploration of functional movement by children with dystonic cerebral palsy age 2 to 5 years.
110	C Fedeli	Italy	Early powered wheelchair introduction in children affected by Cerebral Palsy: case-control study of the impact on the development of neuropsychological functions and quality of life.
111	P Ireland	UK	Children, young people and family views on the usefulness of the health, functioning and wellbeing “Traffic Lights” consultation communication tool.
112	M Andrew	UK	The Dolphin Study: Optimising nutrition to improve growth and reduce neurodisabilities in neonates at risk of neurological impairment.
113	E Inguaggiato	Italy	Effects of CareToy early home-based intervention on parental stress.
114	E Longo	Brazil	Using the ICF-CY to understand the experiences on participation in leisure activities of children and adolescents with cerebral palsy.
115	G Sgandurra	Italy	Effects of the CareToy training on grasping forces in preterm infants.
116	V Spasibukhova	Ukraine	Modern approaches to the rehabilitation of children with disabilities.
117	K Seyhan	Turkey	Effects of neurodevelopmental treatment on desbuquois syndrome: a case report.
118	C Hofgren	Sweden	Can meta-cognitive training using the Cognitive Orientation to Occupational Performance Method improve executive functions?
119	D Smits	Netherlands	Adolescents with cerebral palsy sharing their participation experiences: Everything about us with us!
120	A Lindquist	Brazil	Immediate effects of Virtual Reality Training in Reaching of Children with Cerebral Palsy:
121	A Lindquist	Brazil	Immediate effects of treadmill training session with ankle load on locomotor kinematic parameters of children with cerebral palsy.
122	M Huri	Turkey	“1. Effects of Occupational Therapy Home Programmes on Children with Cerebral Palsy”.
123	M Tanriverdi	Turkey	The relationship between respiratory distress syndrome of infants and using medication and substance abuse in pregnancy.
124	N A Numanoglu Akbas	Turkey	Effect of trunk training on gross motor function, trunk control and spasticity in children with bilateral spastic cerebral palsy.
125	I Moll	Netherlands	Functional electrical stimulation of the anterior tibial muscle during walking in spastic cerebral palsy: functional gain? A systematic review.
126	C Imms	Australia	Improving “Participation”: A systematic review of language, definitions and constructs used in intervention research with children with disabilities.
127	J Bencke	Denmark	The effect of functional electrical stimulation on gait may vary between children with dystonic and spastic calf muscles – a pilot study.
128	D Green	UK	Brain Plasticity in Unilateral Cerebral Palsy influence on outcomes following Intensive Bimanual Therapy.
129	R Lindoewood	Wales, UK	A feasibility study to evaluate the impact of postural support, constructed via appropriate paper-based technology (APT), on the participation and quality of life of young children with Cerebral Palsy in Kenya.
130	A Sarkadi	Sweden	Building the bridge of parent-professional partnership.
131	D Sharan	India	A comparative study on the effectiveness of mirror therapy versus modified constrained induced movement therapy in upper extremity function among children with hemiplegic cerebral palsy post orthopaedic selective spasticity surgery.
132	D Sharan	India	Effectiveness of low level laser therapy on post operative pain after single event multilevel surgeries among children with cerebral palsy.
133	D Forbes	UK	Trend Analysis of seven years data to demonstrate effectiveness of intervention.
135	J Rajkumar	India	Environmental barriers and facilitators for children with cerebral palsy in India: a cross sectional survey.
135	J Alvairelhão	Portugal	ICF based functional goals in a context therapy program for children with cerebral palsy.
136	P Jindal	Canada	Parents' perspectives of their children with CP and its management: a cross cultural view through the lens of the International Classification of Functioning, Disability and Health.
137	H Lindner	Sweden	The relationship between prosthetic control and daily prosthesis use.
138	A Seidel	Germany	Depression in adolescence: the perspectives of patients and their caregivers on relevant areas of functioning.

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