

Friday

Early intervention: parenting and its effects on the child's activities and participation and family function

Aleid van Wassenaer-Leemhuis (Amsterdam, The Netherlands)

A preventive post-discharge intervention program for very preterm infants - development and implementation

Tjitske Hielkema

(Groningen, The Netherlands)

Effect of the family focused early intervention programme COPCA on family and child outcome in infants at high risk for cerebral palsy

Robert Palisano (Philadelphia, USA)

The family and intervention in young children with cerebral palsy: what matters?

Saturday

Early intervention: modification of the environment and its effect on the child's activities and participation and family function

Mattana Angsupaisal (Phitsanulok, Thailand)

Effect of adaptive seating systems in children with cerebral palsy - evidence available in the literature

Vardit Kindler (Jerusalem, Israël)

Powered mobility in young children with special needs: practice and evidence of effect

Dawn Pickering (Cardiff, UK)

Adapted cycling in young children with cerebral palsy: practice and evidence of effect

Back to the ICF-CY

Mijna Hadders-Algra (Groningen, The Netherlands)

Early intervention and the ICF-CY: challenges for the future



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Early Intervention

The power of parenting and practice -
early intervention in the light of the ICF-CY

CALL FOR REGISTRATION



7 - 9 April 2016

The Netherlands

Groningen

Early intervention

The power of parenting and practice - early intervention in the light of the ICF-CY

Two in every 1000 newborn infants is later diagnosed with cerebral palsy (CP). CP is caused by a lesion of the brain during early development. Current early diagnostics allow for the detection of a large proportion of these infants at early age. This offers the opportunity for intervention at an age that is characterized by high plasticity of the young nervous system.

Most knowledge on early intervention is based on studies in high risk infants without a lesion of the brain, i.e., without CP. In these infants early intervention programs promote cognitive development until preschool age; motor development profits less. Up until recently little was known about the effect of early intervention in infants later diagnosed with CP. Recently completed trials started to close this gap in our knowledge.

The themes of the meeting are structured on the basis of the framework of the ICF-CY. First, novel insights in neural plasticity are presented. This includes a discussion on the possibilities of stem cell therapy. Next clinical studies are addressed. They cover the effects of early practice and parenting on activity and participation of child and family. Finally, the use of assistive devices in early intervention is discussed.

The congress will be a meeting place of scientists involved in fundamental aspects of brain development and scientists and clinicians dealing with infants and children with minor and major developmental disorders. Ample time will be devoted to general discussions. Participants are encouraged to bring posters with their latest results.

Open for registration from

1 July 2015 via the website

www.developmentalneurology.com/2016

Organization:

Mijna Hadders-Algra

Beatrix Children's Hospital
Inst. Developmental Neurology

Arend Bos

Beatrix Children's Hospital
Division Neonatology

Jessica van Hoorn

Dept. Rehabilitation Medicine
Centre for Rehabilitation

Loes de Weerd

Beatrix Children's Hospital
Inst. Developmental Neurology

Ellen Wagenaar

Wenckebach Instituut

For further information contact Loes de Weerd: a.l.de.weerd@umcg.nl



Thursday

Setting the scene: the ICF-CY

Huib ten Napel
(Bilthoven, The Netherlands)

Early intervention in the light of the ICF-CY

Body structure and function: plasticity in the young nervous system

Michael L. Anderson (Lancaster, USA)

How the brain organizes itself: the strong links between neuroplasticity, natural selection and experience

Bryan Kolb (Lethbridge, Canada)

Principles of neural plasticity in the developing brain

Frank van Bel
(Utrecht, The Netherlands)

Possibilities and challenges of stem cell therapy in infants with a lesion of the brain

Katharina Braun
(Magdeburg, Germany)

Recognizing resilience: learning from the effects of stress on the developing brain

John Martin (New York, USA)

Neural plasticity after an unilateral lesion of the young brain: effects of experience and electrical stimulation

Interaction between body structure and function and the environment in typical development

Frederik Ullén (Stockholm, Sweden)

Nature and nurture in motor and cognitive skills: lessons learned from music ability

Friday

Early intervention: practice and its effect on body function, activities and participation

Anke Boxum
(Groningen, The Netherlands)

Effect of the family focused early intervention programme COPCA on the development of postural control in infants at very high risk for cerebral palsy

Andrea Guzzetta (Pisa, Italy)

Brain mirror properties in infancy and implications for early neuro-rehabilitation

Ann-Christin Eliasson
(Stockholm, Sweden)

Possibilities and limitations of constraint induced movement therapy in young children at risk for or with unilateral spastic cerebral palsy

Andrew Gordon (New York, USA)

Effect of practice and its intensity on functional outcome in children with unilateral spastic cerebral palsy

Early intervention: parenting and its effect on the child's activities and participation and family function

Marian Jongmans
(Utrecht, The Netherlands)

The at risk infant: parent's actions, challenges and needs

Fabrizio Ferrari (Modena, Italy)

Intervention in the Neonatal Intensive Care Unit: NIDCAPs focus on the family