



Symposium

Early Detection and Early Intervention in Neurodevelopmental Disorders

September 9-11, 2021

UMCG, Groningen, The Netherlands

General

Early detection of neurodevelopmental disorders, such as cerebral palsy, intellectual disability or autism spectrum disorder, is a major challenge in paediatrics. The challenge is brought about by the rapid changes in the brain of the young child. Yet, early detection of children at high risk of neurodevelopmental disorders is crucial for a timely start of intervention, i.e., intervention at early age when the nervous system is highly plastic.

Topics

This international meeting addresses the themes of early detection and early intervention. It includes the following topics:

- the role of genetics, neuro-imaging and neurodevelopmental assessments in early detection;
- early detection in specific groups of at risk infants, such as infants with neonatal hypoxic-ischaemic encephalopathy and infants with complex congenital heart disorders;
- early intervention in the neonatal intensive care unit;
- early intervention at home;
- assistive devices in early intervention.

Goals

- Acquire knowledge about the role of genetics, neuro-imaging and neurodevelopmental assessments in early detection of developmental disorders.
- Acquire knowledge about the most relevant methods of early detection of developmental disorders in infants with neonatal hypoxic-ischaemic encephalopathy and infants with complex congenital heart disorders.
- Acquire knowledge about early in the neonatal intensive care unit and in the home situation and about the role of assistive devices in early intervention.

Organizing Committee

Prof. dr. M. Hadders-Algra (chair), UMCG Groningen
Dr. E. Hamer, Radboud, Nijmegen
Dr. K.R. Heineman, UMCG Groningen
Drs. T. Hielkema, UMCG Groningen
Dr. J. van Hoorn, UMCG Groningen
Mrs. A. Kracht, UMCG Groningen
Mrs. K. Petersen, UMCG Groningen
Mr. L. Dijkstra, UMCG Groningen
Mrs. E. Wagenaar, UMCG Groningen

PROGRAM

Thursday, September 9, 2021

08.15 Registration and coffee / tea

09.00 Welcome

Corry van der Sluis (Rehabilitation Medicine, University Medical Center Groningen)

Early detection: role of genetics and neonatal brain imaging

09.20 Role of genetics in early diagnosis of developmental disorders

Han Brunner (Nijmegen, the Netherlands)

10.00 The significance of brain lesions diagnosed on neonatal cranial ultrasound and neonatal MRI

Linda de Vries (Utrecht, the Netherlands)

10.40 Coffee / tea

Early detection: the significance of general movements assessment

11.10 Clinical value of general movements assessment

Sebastian Schröder (München, Germany)

11.50 On the neural substrate of general movements

Ying-Chin Wu (Taichung, Taiwan)

12.20 Flash presentations of posters

13.00 Lunch

13.40 Poster session

Early detection: other neurodevelopmental assessments

14.10 The Infant Motor Profile – a guide in early detection and early intervention

Kirsten Heineman (Groningen, the Netherlands)

14.50 The significance of muscle tone impairments in infancy

Lilian Straathof (Groningen, the Netherlands)

15.10 Early recognition of Autism Spectrum Disorder

Annelies de Bildt (Groningen, the Netherlands)

15.50 The clinical value of the Standardized Infant NeuroDevelopmental Assessment (SINDA)

Joachim Pietz (Heidelberg, Germany) / Uta Tacke (Freiburg, Germany)

16.30- Drinks

17.00

PROGRAM

Friday, September 10, 2021

08.30 Reception with coffee / tea

Early detection of developmental disorders in specific groups of high-risk infants

09.00 Early detection of developmental disorders in infants with complex congenital heart disorders

Darlene Huisenga (Chicago, USA)

09.40 Prediction of developmental outcome in infants with neonatal hypoxic-ischaemic encephalopathy

Brigitte Vollmer (Southampton, UK)

10.20 Coffee / tea

General issues in early detection and early intervention

10.50 Implementation of ICF-CY in developmental paediatrics

Heike Philippi (Frankfurt am Main, Germany)

11.30 Epilepsy at early age: signs, significance and intervention

Helen Cross (London, UK)

12.10 Flash presentations of posters

- 12.50 Lunch
13.30 Poster session

Early intervention in the neonatal intensive care unit and in the post-discharge period

- 14.10 Early intervention strategies in preterm neonates
Fabrizio Ferrari (Modena, Italy)
- 14.50 Music therapy in the neonatal intensive care
Arie Bos (Groningen, the Netherlands)
- 15.30 Supporting parent-infant interaction in preterm infants
Aleid Leemhuis (Amsterdam, the Netherlands)
- 16.10 Coffee/tea

Application of assistive devices in early intervention

- 16.40 Early communication intervention – support to parents and children
Gunilla Thunberg (Gothenburg, Sweden)
- 17.20 Beginning power mobility in early intervention
Roslyn Livingstone (Vancouver, BC, Canada)
- 18.00 Closing

PROGRAM

Saturday, September 11, 2021

- 08.30 Reception with coffee / tea

Early intervention in high risk infants after discharge home

- 09.00 Early intervention after discharge: what might work?
Anna Basu (New Castle upon Tyne, UK)
- 09.40 How to provide and organise baby-CIMT in clinical practice
Ann Christin Eliasson (Stockholm, Sweden)
- 10.20 Coffee / tea
- 10.50 Supporting parents of young children with developmental disabilities - what's the evidence?
Monika Novak-Pavlic (Hamilton, Canada)
- 11.30 Caregiver coaching in early intervention – the example of COPCA
Schirin Akhbari Ziegler (Winterthur, Switzerland)
- 12.10 Forum Discussion
What have we learned and where are we going?
- 13.00 Take away lunch

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Doelgroepen

Kinderartsen, neonatologen, (kinder)revalidatieartsen, (kinder)neurologen, ergotherapeuten, (kinder)fysiotherapeuten, psychologen, maatschappelijk werkers, kinderpsychiater en AIOS vanuit genoemde vakgebieden.

Accreditatie

Accreditatie van het programma *wordt* aangevraagd bij: NVK, VRA, NVN, ADAP, KNGF, Keurmerk fysiotherapie, NIP, NVVP en voor maatschappelijk werkers via registerplein.

Locatie

De nascholing vindt plaats in het UMCG, het betreft een hybride bijeenkomst.

Ontvangst: Fonteinpatio

Programma: Blauwe zaal

(intern UMCG-adres: Winkelstraat 1).

Parkeren/Openbaar vervoer

U kunt de auto parkeren in Parkeergarage Noord, bereikbaar via de Vrydemalaan (betaald parkeren). Van daaruit volgt u de bewegwijzering naar "Ingang UMCG". Maakt u gebruik van het openbaar vervoer raadpleeg dan www.9292.nl.

Kosten

Artsen, AIOS, therapeuten, verpleegkundigen en overige doelgroepen betalen: € 395,- p.p.

In geval van online deelname bedragen de kosten: € 250,- p.p.

PhD-students en studenten (alleen online) betalen: € 150,- p.p.

U kunt online (via IDEAL of credit card) betalen.

Inschrijving

U kunt zich tot **26 juli 2021** via www.wenckebachinstituut.nl inschrijven.

Fysieke deelname is aan een maximum aantal gebonden, inschrijving vindt plaats op volgorde van binnenkomst. Wij informeren u zo snel mogelijk over plaatsing.

Annulering van uw inschrijving is mogelijk tot 26 juli 2021. In dat geval worden administratiekosten (€ 35,-) in rekening gebracht. Bij annulering na deze datum is geen restitutie mogelijk. Bij verhindering kan een vervanger uw plaats innemen.

Meer informatie

Wenckebach Instituut voor Onderwijs en Opleiden UMCG

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Website

<https://www.developmentalneurology.com/early-detection-and-early-intervention-in-neurodevelopmental-disorders/>