



## PROGRAMME

Thursday September 30<sup>th</sup> , 2010

### PREOPERATIVE DIAGNOSTICS, PATHOLOGY AND SURGICAL TECHNIQUES

- 8.45            Opening Remarks  
*Onno van Nieuwenhuizen, University Medical Center, Utrecht, The Netherlands*
- 9.00 – 11.00   **Session 1 (invited speakers 3x40min)**  
*Chair: Onno van Nieuwenhuizen, University Medical Center, Utrecht, The Netherlands*
- Keynote Address:** Cortical Plasticity and Hemispherectomy in the 1970s: What Were We Thinking?  
*Maureen Dennis, Hospital for Sick Children, Toronto, Canada*
- The Spectrum of Etiologies for Cerebral Hemispherectomy*  
*Gary W. Mathern, University of California, Los Angeles, USA*
- Neurophysiological Workup  
*Frans Leijten, University Medical Center, Utrecht, The Netherlands*
- 11.00-11.30    Coffee break
- 11.30-12.50   **Session 2 (invited speakers 40 + 25 min)**  
*Chair: Gary W. Mathern, University of California, Los Angeles, USA*
- Hemispherectomy in Adults  
*Arthur Cukiert, Hospital Brigadeiro, São Paulo, Brazil*
- AED Withdrawal following Hemispherectomy  
*Kees Braun, University Medical Center, Utrecht, The Netherlands*
- 12.50-14.00    Lunch
- 14.00-15.15   **Short Communications (5x15 min)**
- Kim Boshuisen, University Medical Center, Utrecht, The Netherlands*
- Flavio Giordano, Anna Meyer Pediatric Hospital, Florence, Italy*
- Yulun Xu, Beijing Tiantan Hospital Capital Medical University, Beijing, China*
- Bernhard Steinhoff, Epilepsy Center, Kork, Germany*
- Hemispherotomy for Hemimegalencephaly in early Infancy  
*Taisuke Otsuki, National Center of Neurology and Psychiatry, Tokyo, China*



15.15-15.30 Tea break

15.30-17.30 **Workshop 1 (3 x 30min)**

**Workshop 1: Surgical Techniques**

*Chair: Peter van Rijen, Univeristy Medical Center, Utrecht, The Netherlands*

Surgical Techniques

*Georg Dorfmueller, Fondation Rothschild Hospital, Paris, France*

*David Limbrick, Palliative Hemispherectomy for Children with Bilateral Seizure Onset, Washington University, St. Louis, USA*

When we should **NOT** remove S1M1 in Hemispheric Epilepsie?

*Hans Holthausen, Schön Klinik for Neuropediatrics and Neurological Rehabilitation Epilepsy Center for Children and Adolescents, Day clinic for Neuropediatrics, Vogtareuth, Germany*

**Panel Discussion**



**Friday October 1<sup>st</sup> , 2010**

**CORTICAL PLASTICITY, REORGANIZATION AND OUTCOMES**

8.45            Opening Remarks

9.00 – 11.00 **Session 1 (invited speakers 3x40min)**

*Chair: Kees Braun, University Medical Center, Utrecht, The Netherlands*

Clinical presentation of a “Typical” Catastrophic Epilepsy Patient:  
Indications for Hemispherectomy  
*Helen Cross, University College, London, UK*

Life after Hemispherectomy  
*Monique van Schooneveld & Dr. Aag Jennekens-Schinkel,  
University Medical Center, Utrecht, The Netherlands*

Quality of Life after Hemispherectomy  
*Adam Hartman, Johns Hopkins, Baltimore, USA*

11.00-11.30    Coffee break

11.30-12.50 **Session 2 (invited speakers 40 + 25 min)**

PET and DTI Studies of Brain Plasticity in Individuals after Hemispherectomy  
*Harry Chugani, Children’s Hospital of Michigan, Michigan, USA*

Volume Based Morphometry of the Remaining Hemisphere  
*Stella de Bode, University Medical Center, Utrecht, The Netherlands*

12.50-14.00    Lunch

14.00-15.15 **Short Communications (5x15 min)**

*Domenica Battaglia, Catholic University, Rome, Italy*

*Wim Otte, University Medical Center, Utrecht, The Netherlands*

*T.b.a.*

*Ron van Empelen, University Medical Center, Utrecht, The Netherlands*

*T.b.a.*



15.15-15.30 Tea break

15.30-17.30 **Workshop 2 (3 x 30min)**

**Workshop 2: Cortical Plasticity, Reorganization and Animal Models**

*Chair: Stella de Bode, University Medical Center, Utrecht, The Netherlands*

Functional Reorganization Following Hemispherectomy, Cortical Crowding?

*Frederique Liegeois, University College, London, UK*

Effects of Perinatal Hemispherectomy in Monkeys (*Aethiops Sabeus*)

*Maurice Ptito, Université de Montréal and McGill University, Montreal, Canada*

Neural Substrates of Blindsight in Hemispherectomized Human Subjects

*Alain Ptito, Université de Montréal and McGill University, Montreal, Canada*

**Panel Discussion**