Neonatal seizures – update

Friday 24th of June 2016, 9.00 am to 5.00 pm
Auditorium Children’s Hospital Zurich
Dear colleagues

The past decade has brought tremendous progress in the awareness of neonatal seizures.

This led to the development of novel diagnostic techniques such as the amplitude-integrated EEG, which rapidly became a well-established tool for bedside-monitoring. Conventional EEG-recordings with simultaneous video-detection of ictal events still represent the gold standard and facilitated new concepts of neonatal seizure classification.

While the majority of neonatal seizures are caused by hypoxic-ischemic events, stroke or infection, the remainder warrants more sophisticated algorithms for diagnostic work-up. With respect to therapy, the impact of novel antiepileptic drugs has been investigated in larger patient cohorts, but standardized randomized trials are still pending.

This meeting will bring together neonatologists as well as epileptologists to discuss the forefront of neonatal epileptology in the context of current knowledge and standards of neonatal neuro-monitoring of the critically ill neonate. We are happy to welcome international experts as well as people involved in daily neonatal care to exchange our experience and discuss the «state of the art» in the management of neonatal seizures.

Barbara Plecko  Bernhard Schmitt  Gabriele Wohlrab  Georgia Ramantani

Speakers

Prof. Geraldine Boylan  
University Maternity Hospital Cork (Ireland)

PD Dr. Cornelia Hagmann  
University Hospital Zurich (Switzerland)

Prof. Katrin Klebermass-Schrehof  
University Childrens Hospital Vienna (Austria)

Prof. Barbara Plecko  
University Children’s Hospital Zurich (Switzerland)

Prof. Francesco Pisani  
Child Neuropsychiatry Unit, University of Parma (Italy)

Prof. Ronit Pressler  
Great Ormond Street Hospital London (Great Britain)

PD Dr. Georgia Ramantani  
University Children’s Hospital Zurich; Swiss Epilepsy Center Zurich (Switzerland)

Prof. Bernhard Schmitt  
University Children’s Hospital Zurich (Switzerland)

Dr. Gabriele Wohlrab  
University Children’s Hospital Zurich (Switzerland)
Program

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09.00 Welcome
B. Schmitt

09.15 Neonatal seizure classification
R. Pressler

10.00 Does seizure semiology tell seizure etiology?
G. Wohlrab

10.30 Ictal and interictal EEG
B. Schmitt

11.00 Coffee break

11.30 A-EEG in and beyond seizure monitoring
K. Klebermass

12.15 Neuromonitoring of the neonate at risk
C. Hagmann

01.00-02.15 pm: Lunch

02.15 Measuring neonatal seizure treatment efficacy and experiences from the NEMO study
G. Boylan

03.00 Metabolic and genetic work-up in pharmacoresistant neonatal seizures
B. Plecko

03.30 Outcome of neonatal seizures
G. Ramantani

04.00 The need for trials in neonatal seizures
F. Pisani

04.30 Discussion

04.45 Farewell
Organisation

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Location
Auditorium Children’s Hospital Zurich
Steinwiesstrasse 75, CH-8032 Zurich, Switzerland

Audience
Pediatric Neurologists, Neonatologists, Pediatricians, NICU Physicians and Health Care Team, Gynecologists

Conference language
English

Registration fee (meals included)
Physicians  CHF 150.00
Nurses  CHF 100.00

Registration until 1st of June 2016 by e-mail to susanne.opitz@kispi.uzh.ch