

2nd International

Training Workshops

aEEG and NIRS

in Neonatology and Pediatric Intensive Care



March 23rd – 25th, 2018
at the Le Méridien, Munich, Germany

www.munich-neocon.com

Invitation

Many of us as clinicians started working with the neuromonitor amplitude-integrated EEG (aEEG) in Neonatology, because we saw the opportunity to improve the neurodevelopmental outcome of our small and vulnerable patients. Once your interest is stimulated in this field, you soon discover, that there is much more we could do, but this requires us to challenge our daily routine of work, rather than just adopting a single approach. In addition, especially with challenging hemodynamic situations, near-infrared spectroscopy (NIRS) also has a great value and potential to improve outcome and individual care.

This conference is set to offer a comprehensive workshop for starters as well as already experienced users to learn about the complexities and applications of both aEEG and NIRS. The faculty is assembled of renown experts in the field, giving you a unique opportunity to learn from the basis of extensive experience. Besides the focus on the field of Neonatology, we also give an insight on the potential benefits for pediatric intensive care medicine.

It is my pleasure to welcome you to our international workshop in Munich, Germany, to join in the efforts to improve our approach and care in regards to neuromonitoring and I am totally convinced, that this will be a unique and rich learning experience for us all.

Best regards,
Karl F. Schettler, M.D., MHBA
Childrens Hospital St. Marien, Landshut



Program

Friday, 23rd March 2018

Workshop - The amplitude-integrated EEG (aEEG)



| | |
|-------------|--|
| 08:30-08:45 | Welcome (Schettler) |
| 08:45-09:45 | The aEEG – Basics, recording, patterns and pitfalls (Richter) |
| 09:45-10:30 | Asphyxia – Assessment and predictive value of the aEEG (Schettler) |
| 10:30-10:45 | Coffee break |
| 10:45-11:30 | Neonatal seizures and aEEG monitoring (Klebermass-Schrehof) |
| 11:30-12:15 | aEEG in premature infants (Olischar) |
| 12:15-13:00 | NICU Nursing and aEEG (Randall) |
| 13:00-13:45 | Lunch |
| 13:45-14.30 | Workshops Round 1 |
| 14.30-15.15 | Workshops Round 2 |
| 15:15-15.45 | Coffee break |
| 15.45-16.30 | Workshops Round 3 |
| 16.30-17.15 | Workshops Round 4 |
| 17.15-17.30 | Final words |

Workshops

Case Reports, Examples and Quiz Part 1 (Olischar)

Case Reports, Examples and Quiz Part 2 (Klebermass-Schrehof)

Attachment and different types of electrodes (Schettler/Randall)

Different devices, features and how to document (Richter)

Program

Saturday, 24th March 2018

Workshop - The amplitude-integrated EEG (aEEG)

| | |
|-------------|--|
| 08.15-08.30 | WELCOME (Schettler) |
| 08.30-09.15 | aEEG in general pediatric intensive care (Schettler) |
| 09.15-10.15 | aEEG in pediatric cardiac intensive care (TBA) |
| 10.15-10.45 | COFEE BREAK |
| 10.45-11.15 | How to establish aEEG in your unit? (Schettler) |
| 11.15-11.45 | Experiences from establishing routine aEEG in a large NICU (de Luca) |
| 11.45-12.15 | The Neuro-NICU in Stanford – How it works and experiences (Randall) |
| 12.15-13.00 | LUNCH |

Free lectures (included with either workshop)

| | |
|-------------|--|
| 13.00-13.15 | Welcome (Schettler) |
| 13.15-14.00 | Less invasive surfactant administration – lessons from the German Neonatal Network GNN (Stichtenoth) |
| TBA (TBA) | |
| 14.00-14.45 | Different monitorages during mechanical ventilation (de Luca) |
| 14.45-15.30 | MRI imaging of the perinatal stroke (Stoecklein) |
| 15.30-16.00 | COFFEE BREAK |
| 16.00-16.45 | From head to heart: the effects of fetal growth restriction and preterm birth on the cerebral and systemic circulation (Cohen) |
| 16.45-17.30 | Prevention of perinatal brain injury (van Bel) |

Program

Sunday, 25th March 2018

Workshop – Nearinfrared spectroscopy (NIRS)



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|-------------|--|
| 08:30-08:45 | Welcome (Schettler) |
| 08:45-09:15 | Basics of cerebral/somatic NIRS (Naulaers) |
| 09:15-09:45 | Clinical use and pitfalls of cerebral NIRS (van Bel) |
| 09:45-10:15 | Cerebral oxygenation and clinical conditions (Lemmers) |
| 10:15-10:45 | Coffee break |
| 10:45-11:15 | NIRS-Measured Autoregulation and Neurovascular Coupling (Naulaers) |
| 11:15-11:45 | Neuromonitoring and neonatal surgery (Lemmers) |
| 11:45-12:30 | Use of NIRS in Pediatric Cardiac Intensive Care (Ruf) |
| 12:30-12:45 | Discussion |
| 12:45-13:45 | Lunch |
| 13.45-14.30 | Workshops Round 1 |
| 14.30-15.15 | Workshops Round 2 |
| 15:15-15.45 | Coffee break |
| 15.45-16.30 | Workshops Round 3 |
| 16.30-16.45 | Final words |

Workshops Case Reports, Examples and Quiz

Attachment and different types of electrodes

Devices, features and how to document

Faculty

Prof. F. van Bel, Utrecht, Netherlands

Prof. D. de Luca, Paris, France

Assoc. Prof. PD Dr. K. Klebermass-Schrehof, Vienna, Austria

Prof. P. Lemmers, Utrecht, Netherlands

Prof. Gunnar Naulaers, Leuven, Belgium

K. S. Randall, R.N., Los Angeles, U.S.A.

Assoc. Prof. PD Dr. Monika Olischar, Vienna, Austria

Dr. J.W. Richter, Hannover, Germany

Dr. B. Ruf, Munich, Germany

Dr. K. F. Schettler, Landshut, Germany

PD Dr. G. Stichtenoth, Lübeck, Germany

PD Dr. S. Stoecklein, Munich, Germany

General information

Please be advised, that all information in this pdf represents the current knowledge and planning status of the conference from from Jan 30th, 2018. Changes are possible. For the most updated version please visit our website at www.munich-neocon.com

Conference Venue



Le Meridien Hotel Munich
Bayerstrasse 41
Munich, 80335
Germany
www.lemeridienmunich.com

We do have special room rates for you from March 23rd - 26th, 2018

Single superior room 159€ p. night
Double superior room 179€ p. night

All rates include breakfast and free Wifi

Direct reservation at the hotel:

Mention code "Neocon"

eMail: reservations@lemeridienmunich.com

Phone: +49-(0)89-24222995

Fax: +49-(0)89-24222025

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The logo for Neurovisio features a stylized brain with a green leaf-like shape at the bottom.

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The Nestlé logo includes the bird's nest symbol.

Brain*trend*[®]



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The logo for ant neuro features a cluster of blue circles of varying sizes.

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The Lyomark Pharma logo features a large blue swoosh behind the text.

Registration

Please register online at www.munich-neocon.com

Registration fees

| | aEEG only | NIRS only | BOTH |
|------------|------------------|------------------|-------------|
| Early bird | 280€ | 180€ | 390€ |
| Late bird | 310€ | 210€ | 420€ |

Special rates for nurses available!

Rates include unlimited soft drinks, 2 coffee breaks and lunch!

Early bird registration before February 1st, 2018

Organization

The conference is organized by the Childrens Hospital St. Marien of Landshut. Key organization contact is

Karl Florian Schettler, M.D., MHBA

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We are looking forward to see you in Munich !



www.munich-neocon.com