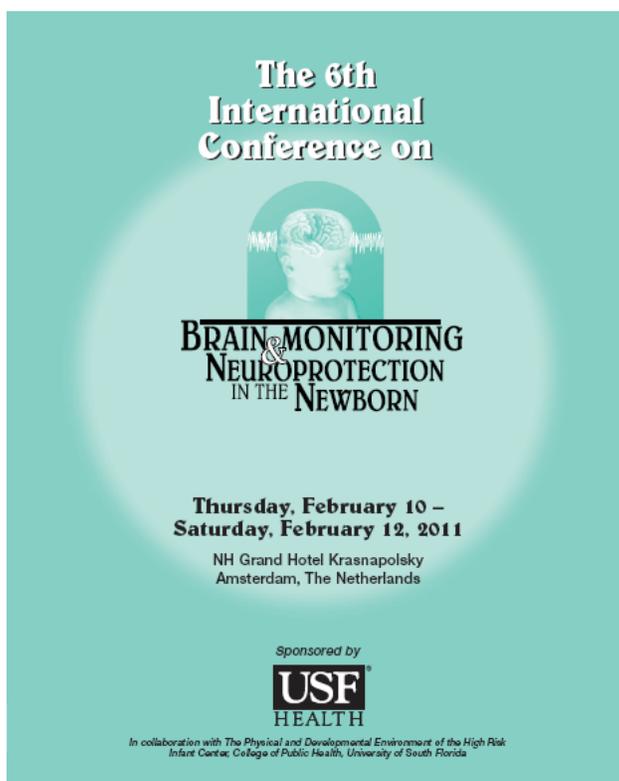


The 6th International Conference on Brain Monitoring and Neuroprotection in the Newborn



February 10-12, 2011
NH Grand Hotel Krasnapolsky
Amsterdam, The Netherlands



Conference Purpose Statement

The International Conference on Brain Monitoring and Neuroprotection in the Newborn is intended to bring the most current and important research in these fields to a forum where the results can be translated for use by clinicians. Brain monitoring, for the purposes of this conference, is defined as those methods used on a continuous or repetitive basis to assess brain function in the newborn such as continuous EEG or near-infrared spectroscopy. Neuroprotection, for the purposes of this conference, is defined as therapeutic hypothermia as well as any adjunctive measures that may be utilized along with it.

While these definitions are somewhat restrictive and will be stretched from time to time to include subjects of compelling interest, we think it is important to maintain a focus on these two closely-related and clinically-evolving areas. Broader neonatal neurology topics are available elsewhere, and a broadening of our scope would inevitably lead to a dilution of our focus. The *raison d'être* of this meeting lies in the fact that neither researchers nor clinicians interested in learning the state of the art can find the whole of either field discussed consistently in any other place and to do so seems crucial to us at a time when both fields are growing rapidly in both the research and clinical arenas.

The conference is designed so that researchers and clinicians can, by attending at least every other year, derive a solid sense of the state of the art. In building bridges between research and clinical applications, it is vital that the foundations on either side of the bridge are clearly understood. This conference is intended both to describe and strengthen those foundations, as well as to provide an international bridge between them.

Exhibitor Prospectus

The Exhibitor Prospectus is available on the last 7 pages of this brochure. If you have any questions, please contact the conference coordinator, Bobbi Rose, at brose@health.usf.edu.

Target Audience

This activity is designed to meet the educational needs of neonatologists, neurophysiologists, pediatric neurologists, NICU nurses, neonatal nurse practitioners, and any other clinician or researcher interested in learning about the cutting-edge field of neonatal brain monitoring.

Learning Objectives

Upon conclusion of this activity, participants should be able to:

- **Explain** how therapeutic hypothermia changes parameters that are used prognostically, including those that are used to determine futility of care;
- **Describe** the most recent long-term evidence of the value of head cooling;
- **Implement** important supportive measures for infants receiving therapeutic hypothermia;
- **Discuss** the role of neuroimaging in evaluation of high risk infants;
- **Analyze** advantages and shortcomings of cerebral oximetry;
- **Review** experimental strategies for neuroprotection that may be useful adjuncts to therapeutic hypothermia;
- **Delineate** chemical and physical indicators of brain injury;
- **Explain** the precursors of white matter injury in the newborn;
- **Describe** electroencephalographic features that may provide important insight to brain function;
- **Discuss** the current understanding of what constitutes a seizure discharge and what treatment options are available for management of refractory seizures;
- **Identify** the challenges that face clinicians and researchers when trying to design appropriate studies to address the many unanswered questions in this field.

Accreditation

PHYSICIANS: USF Health is accredited by the Accreditation Council for Continuing Medical Education to provide continuing education for physicians.

USF Health designates this educational activity (including pre-conference workshops) for a maximum of 19.5 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participating in the activity.

NURSES: The University of South Florida College of Nursing is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. This activity (including pre-conference workshops) is for a maximum of 19.5 contact hours.

OTHERS: Certificates of attendance will be provided to all other attendees.

Pre-Conference Workshops

A. aEEG FOR THE EXPERIENCED USER

Lena Hellstrom-Westas, MD & Mona Toet, MD, PhD

This workshop requires that participants have previous knowledge about basic aEEG/EEG principles, and experience (clinical and / or research) of aEEG/EEG monitoring.

Note: If you have a trace you would like discussed, please send it to the conference coordinator, Bobbi Rose, at brose@health.usf.edu.

At the conclusion of this workshop, the delegate should be able to:

- **Explain** the scientific basis of neonatal aEEG/EEG monitoring.
- **Apply** aEEG/EEG monitoring and analyze recordings in high-risk infants in the NICU, including identification of artefacts.
- **Discuss** the efficacy of aEEG/EEG for early prediction of outcome and for identification of seizures.
- **Discuss** the clinical utility of recording other physiological trends together with aEEG/EEG, e.g., NIRS, blood pressure, oxygen saturation.
- **Discuss** how aEEG/EEG can be applied and analyzed for scientific purposes.

B. CLINICAL APPLICATIONS FOR NIRS

Frank van Bel, MD, PhD, Petra Lemmers, MD, PhD, and Gunnar Nauelaers, MD, PhD

This workshop does not require that participants have previous knowledge about the basic principles of or have experience with near infrared spectroscopy (NIRS) (clinical and/or research with this method.

At the conclusion of this workshop, the delegate should be able to:

- **Explain** what NIRS-monitored regional cerebral saturation measures
- **Comprehend** the clinical indication
- **Interpret** values of regional cerebral saturation
- **Explain** globally the scientific basis of neonatal NIRS monitoring of cerebral oxygenation (regional cerebral oxygen saturation [rS_cO_2] or tissue oxygen index [TOI]).
- **Evaluate** a NIRS tracing of rS_cO_2 /TOI, including identification of artefacts.
- **Discuss** the efficacy of NIRS (rS_cO_2 /TOI) for early prediction of complications such as patent ductus arteriosus, outcome of severe asphyxia etc.
- **Discuss** the clinical utility of recording NIRS with other physiological trends of aEEG/EEG, blood pressure, arterial oxygen saturation.

C. PRACTICAL ASPECTS AND NEW DEVELOPMENTS IN THERAPEUTIC HYPOTHERMIA

John Barks, MD and Ela Chakkarapani, MB, BS, MRCPCH

In this workshop, we will review the appropriate steps in starting a hypothermia program (needs assessment, selecting a method for cooling, training), managing an infant who is receiving therapeutic hypothermia (transport, specific clinical scenarios, monitoring, complications, troubleshooting the equipment), and follow-up.

D. NEUROIMAGING IN THE NEWBORN

Linda de Vries, MD, Terrie Inder, MD, and Jeff Neil, MD, PhD

This workshop will review the major neuroimaging modalities utilized in clinical and research practice in the evaluation of the newborn brain in the setting of the term and preterm infant. The strengths and challenges of each modality will be briefly described. The optimization of acquisition and analysis will be reviewed in detail for cranial ultrasound and magnetic resonance imaging. Conventional and advanced magnetic resonance imaging techniques will be reviewed.

At the conclusion of this workshop, the delegate should be able to:

- **Analyze** the strengths and challenges of the neuroimaging techniques in the evaluation of the newborn brain.
- **Optimize** the utility of neuroimaging techniques in the clinical setting.
- **Apply** more advanced magnetic resonance imaging techniques for research inquiry in the newborn brain.

Concurrent Manufacturer Workshops (Optional; No CME/CNE credit)

Thursday, February 10, 2011

17:10 – 18:00 **Mennen Medical**

17:10 – 18:00 **Natus**

Course Chair

Robert White, MD

Regional Newborn Program
Memorial Hospital of South Bend
South Bend, IN USA

Course Co-Chairs

Linda de Vries, MD

Professor in Neonatal Neurology
University Medical Centre
Wilhelmina Children's Hospital
Utrecht, The Netherlands

Lena Hellstrom-Westas, MD

Associate Professor
Department of Paediatrics
Uppsala University
Uppsala, Sweden

Mona Toet, MD, PhD

Department of Neonatology
University Medical Centre
Wilhelmina Children's Hospital
Utrecht, The Netherlands

Frank van Bel, MD, PhD

Professor of Neonatology
University Medical Centre
Wilhelmina Children's Hospital
Utrecht, The Netherlands

Marianne Thoresen, MD, PhD

Professor of Neonatal Neuroscience
University of Bristol Department of Child Health
St. Michaels Hospital
Bristol, United Kingdom

Invited Faculty**Selma Algra**

PhD Student
Utrecht, The Netherlands

Terrie Inder, MD

Adjunct Associate Professor
Department of Neurology
Washington University
St. Louis, MO USA

John D.E. Barks, MD

Professor of Pediatrics
Director, Neonatal-Perinatal Research Prog.
University of Michigan
Ann Arbor, MI USA

Petra Lemmers, MD, PhD

Department of Neonatology
Wilhelmina Children's Hospital
University Medical Centre
Utrecht, The Netherlands

Geraldine Boylan, PhD

Senior Lecturer in Paediatrics
Department of Paediatrics & Child Health
University College Cork
Cork, Ireland

Gunnar Nauelaers, MD, PhD

Professor of Neonatology
Neonatal Intensive Care Unit
Department of Woman and Child
University Hospitals Leuven
Leuven, Belgium

Ela Chakkarapani, MB, BS, MRCPCH

Research Fellow
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Robert R. Clancy, MD

Professor of Neurology and Pediatrics
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Philadelphia, PA USA

Nicola Robertson, MB ChB, FRCPC, PhD

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 Department of Clinical Science
 University Hospital
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Gorm Greisen, MD, PhD
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 St. Michaels Hospital
 Bristol, UK

Alistair Gunn, MD, PhD
 Department of Physiology
 The University of Auckland
 Auckland, New Zealand

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 Utrecht, The Netherlands

John Hartline, MD
 American Academy of Pediatrics
 Chicago, IL USA

Frank van Bel, MD, PhD
 Professor of Neonatology
 University Medical Centre
 Wilhelmina Children's Hospital
 Utrecht, The Netherlands

Lena Hellstrom-Westas, MD
 Associate Professor
 Department of Paediatrics
 Uppsala University
 Uppsala, Sweden

Sampsa Vanhatalo, MD, PhD
 Department of Clinical Neurophysiology
 Hospital for Children and Adolescents
 University Hospital
 Helsinki, Finland

Program Agenda	
Thursday, February 10, 2011	
8.30 – 12.00	WORKSHOP A: aEEG for the Experienced User (<i>Lena Hellstrom-Westas, MD and Mona Toet, MD, PhD</i>)
8.30 – 12.00	WORKSHOP B: Clinical Applications for NIRS (<i>Frank van Bel, MD, PhD; Petra Lemmers, MD; Gunnar Naulaers, MD, PhD</i>)
10.00 – 10.30	Break
12.00 – 13.30	Lunch provided
13.30 – 17.00	WORKSHOP C: Practical Aspects and New Developments in Therapeutic Hypothermia (<i>John D.E. Barks, MD and Ela Chakkarapani, MB, BS, MRCPCH</i>)
13.30 – 17.00	WORKSHOP D: Neuroimaging in the Newborn (<i>Linda de Vries, MD; Terri Inder, MD; Jeff Neil, MD, PhD</i>)

15.00 – 15.30	Break	
17:10 – 18:00	Mennen Medical Manufacturer's Workshop (Optional; No CME/CNE credit)	
17:10 – 18:00	Natus Manufacturer's Workshop (Optional; No CME/CNE credit)	
19.00 – 21.00	Exhibit Hall Reception & Poster Viewing	
Friday, February 11, 2011		
<i>Hypothermia Neuroprotection</i>		
8.00 – 8.15	Welcome	
8.15 – 8.50	How Therapeutic Hypothermia Changes Outcome Predictors (<i>Marianne Thoresen, MD, PhD</i>)	
8.50 – 9.25	Withdrawal of Support for Severely Encephalopathic Infants During Cooling (<i>Linda de Vries, MD</i>)	
9.25 – 9.45	Break	
9.45 – 10.25	School Age Follow-up from the Cool-Cap Trial (<i>Alistair Gunn, MD, PhD</i>)	
10.25 – 11.15	Abstracts	
11.15 – 11.35	Audience Response System (<i>John Hartline, MD</i>)	
11.35 – 12.00	Panel Discussion	
12.00 – 13.30	Lunch provided	
<i>Brain Monitoring</i>		
13.30 – 14.05	The Neonatal aEEG / EEG Monitoring Experience – Lessons for the Future (<i>Ingmar Rosen, MD, PhD</i>)	
14.05 – 14.45	New Techniques of Neuroimaging (<i>Terrie Inder, MD</i>)	
14.45 – 15.15	Cerebral Oximetry for Clinical Use – What Precision is Needed? (<i>Gorm Greisen, MD, PhD</i>)	
15.15 – 15.45	Break	
15.45 – 16.15	Cerebral Oximetry: Its Value in the Clinical Setting (<i>Frank van Bel, MD, PhD</i>)	
16.15 – 16.45	Monitoring During and After Cardiac Surgery (<i>TBD</i>)	
16.45 – 17.30	Abstracts	
EVENING	Social event in Amsterdam – TBD (optional); possible canal cruise with dinner	
Saturday, February 12, 2011		
7:00 – 8:00	Breakfast Networking Tables	
8.15 – 8.55	Biomarkers and Other Surrogates for Brain Injury	Nursing Workshop
8.55 – 9.35	An Overview of White Matter Injury (<i>Terrie Inder, MD</i>)	Nursing Workshop

9.35 – 10.05	Hypothermia Plus (<i>Marianne Thoresen, MD, PhD</i>)	Nursing Workshop
10.05 – 10.30	Break	Break
10.30 – 11.15	Promising Electro-Markers (<i>Sampsa Vanhatalo, MD, PhD</i>)	Nursing Workshop
11.15 – 12.15	Abstracts	Nursing Workshop
12.15 – 13.30	Lunch provided	
13.30 – 14.10	Challenges in Seizure Detection: How do we define and measure a seizure? (<i>Geraldine Boylan, PhD</i>)	
14.10 – 14.40	Treatment of Refractory Seizures / Status (<i>Robert Clancy, MD</i>)	
14.40 – 15.00	Audience Response System (<i>John Hartline, MD</i>)	
15.00 – 15.30	Break	
15.30 – 16.45	Roundtable Discussion: Research Challenges (<i>Sampsa Vanhatalo, MD, PhD</i>)	
16.45 – 17.00	Wrap-up (<i>Bob White, MD</i>)	

Optional Nursing Workshop on Saturday Morning (not for CEUs)

There will be an optional **Workshop for Nurses** offered on Saturday, February 12, 2011 from 8:30 – 12:00. It is a 3-hour "hands-on" course on aEEG and NIRS with or without cooling. There is no charge if participant is already registered for the main conference. However, if participant wishes to attend **only** the Workshop, there is a fee, which includes materials available for the presentation and the AM break. **Lunch is not included and no accreditation is offered.**

After attending this workshop, participants should be able to:

- **Understand** the technological background of aEEG and NIRS
- **Know** when to use aEEG and NIRS
- **Connect** the aEEG and NIRS appropriately
- **Recognize** different background patterns and electrographic seizures occurring in aEEG.
- **Recognize** the effects of hypothermia on aEEG- and NIRS patterns
- **Analyze** the pitfalls occurring in both techniques

Optional Social Activity

Enjoy an evening of dinner and amusement while experiencing the breathtaking views of Amsterdam from the water. The boat will pick you up at the dock outside the Krasnapolsky Hotel (conference site). The boat ride is approximately 2 hours duration.

Approximate menu:

- On the table: freshly baked traditional farmhouse bread with salted butter and herb butter.
- First course:
Cocktail of Dutch brown shrimp with shredded Roman lettuce
- Main Course:
Beef braised in red wine, served with a potato, carrot and onion medley

Potato Mousseline with a chicory gratin
 Cabbage leaf roll stuffed with sausage
 Garnish of crispy fried lardons, pickles and mustard

- Dessert: An airy spiced-biscuit mousse, served with a chocolate sauce and burnt almost
- During dinner drinks are served from the Dutch bar.

Price: €69,50 per person, excluding VAT

Payment can be made through the on-line registration payment link at www.dmcamsterdam.com (click on the button for Congress Care).

The option to purchase the canal cruise is available when you purchase registration for the main conference. The cost of the social activity is NOT included in the conference registration fee.

If you want to purchase more than one ticket for the canal cruise and are unable to do so, please contact Bobbi Rose at brose@health.usf.edu.

Faculty Disclosure

USF Health adheres to the ACCME Standards regarding commercial support of continuing medical education. It is the policy of the USF Health that the faculty and planning committee disclose real or apparent conflicts of interest relating to the topics of this educational activity, that relevant conflicts of interest are resolved, and also that speakers will disclose any unlabeled/unapproved use of drugs or devices during their presentation. Detailed disclosure will be made in the course syllabus.

Course Evaluation and Outcomes Measurement

The evaluation process is a critical component in our strategy to offer excellence in our future conferences and to ensure we are addressing the educational needs of our audience. Your comments and feedback make a difference! Please complete the evaluation forms, which will be distributed on-site, and return them to either the session facilitator or the registration desk. In addition, we measure the outcome of the education using a post-event survey sent via e-mail. The results of this survey are equally important as we need to know if the education made a difference, be it in awareness, practice change, health outcomes, or all the above. Please complete the survey when it comes to your in-box approximately 6 weeks after the conference.

Registration Fees

To register, visit www.dmcamsterdam.com (click on Congress Care).

<i>Item</i>	<i>Until December 31</i>	<i>From January 1 until 31</i>	<i>After January 31</i>
Pre-Conference Workshop A: aEEG for the Experienced User (February 10, in morning)	€ 160	€ 184	€ 212
Pre-Conference Workshop B: Clinical Applications for NIRS (Feb. 10, in morning)	€ 160	€ 184	€ 212
Pre-Conference Workshop C: Practical Aspects & New Developments in Therapeutic Hypothermia (February 10, after lunch)	€ 160	€ 184	€ 212

Pre-Conference Workshop D: Neuroimaging in the Newborn (February 10, after lunch)	€ 160	€ 184	€ 212
Pre-Conference Workshop Discount Price (nurse, fellow*, low-income country** only)	€ 136	€ 156	€ 179
Main Conference (February 11-12, 2011)	€ 480	€ 552	€ 634
Main Conference Discount Price (nurse, fellow*, low-income country** only)	€ 480	€ 469	€ 539
Nursing Workshop*** (Feb. 12, half-day)	€ 60	€ 65	€ 70
Dutch VAT	19%	19%	19%

Clarifications:

- * Fellows must provide a signed document from their head of department on official letterhead to support their application for the reduced rate.
- ** Please see the document listing the applicable countries. This document is at the end of this brochure, just before the Exhibit Prospectus.
- *** The 'Workshop for Nurses' is available at no additional cost **if** you are already a paying participant of the Main Conference. Please note that the timing of the workshop conflicts with plenary sessions. The published price is for the workshop only. Lunch is not provided for participants attending only the 'Workshop for Nurses'.

Cancellation Policy

Cancellation notification must be in writing (fax or e-mail are acceptable) and received by the close of business on January 9, 2011. A cancellation fee of 50€ for workshops and 100€ for main conference (total cancellation fee not to exceed 150€) will be assessed. Cancellations received after January 9, 2011 will not receive a refund. No-shows will not receive a refund. However, substitutions are welcome. Please allow up to 3 weeks to receive the refund. Refunds may be in US dollars or Euros, depending upon the circumstance.

Conference Registration Fee includes (per participant):

Pre-Conference Workshop Fee: Attendance at the workshop, continuing education credit as applicable, handouts applicable to the workshop, refreshment breaks, lunch, poster walk, exhibit hall reception. (Handouts may be paper or electronic.)

Main Conference Fee: Attendance at the conference, continuing education credit as applicable, syllabus, refreshment breaks, lunch, poster walk, and exhibit hall reception. The format of the syllabus has not been determined. It may be paper or electronic (CD or USB stick), with access to downloads in advance.

Nursing Workshop: There is no charge if participant is already registered for the main conference. However, if participant wishes to attend **only** the Workshop, there is a fee, which includes materials available for the presentation and the AM break. **Lunch is not included and no accreditation is offered.**

USF Health reserves the right to cancel this program due to unforeseen circumstances, in which case a full refund will be given to participants. USF health will not be responsible for travel expenses incurred by the participant in the unlikely event that the program is cancelled.

Location



NH Grand Hotel Krasnapolsky

Dam, 9. 1012 JS Amsterdam

The Netherlands

Tel. +31.20.5549111

Fax: +31.20.6228607

E-mail: nhkrasnapolsky@nh-hotels.com

Website: <http://www.nh-hotels.com/nh/en/hotels/the-netherlands/amsterdam/nh-grand-hotel-krasnapolsky.html>

NH Grand Hotel Krasnapolsky, situated in a famous building which dates back to 1865, located in the centre of Amsterdam is close to the house of Anne Frank, the Red Light District (de Wallen), the Van Gogh Museum and the Heineken Beer Brewery. The central train station is only 5 minutes away and the Schiphol Airport is only a 25 minute journey in a taxi or car.

A limited number of rooms have been reserved for this meeting at a special rate of €127 (inclusive of Dutch VAT) for a standard room and €167 (inclusive of Dutch VAT) for a deluxe room, plus taxes and surcharges.

A credit card number or deposit will be required to guarantee a reservation. Check in time is 3:00 pm and check-out time is 12:00 pm.

Visit <http://www.nh-hotels.com/events/en/event-detail/5434/usf.html> to reserve your room. Available rooms are limited, so please be sure to book early!

For all things Amsterdam, visit the tourist web site of <http://www.iamsterdam.com>. Historical temperature for Amsterdam in February is lows in the 30's and highs in the 40's F.

AIRPORT:

Amsterdam Airport Schiphol, Airport code: AMS, Web page: <http://www.schiphol.nl>

GROUND TRANSPORTATION:

Train: Take the train from the airport to Centraal Station. The walk from the Centraal Station to the hotel is relatively short. However, carrying luggage, or even rolling luggage, is not pleasant. This is the least expensive method of transportation.

Taxi: Taxis are always available. They are relatively expensive.

Bus: Buses are available. For more information, visit the web site, <http://www.schiphol.nl/Travellers/ToFromSchiphol/PublicTransport/Bus.htm>

Hotel Shuttle: Connexion Hotel Shuttle goes to and from the airport to the Krasnapolosky. At the time of this writing, one way is approximately €15 and round-trip (or "Return") is €24.50. Website: <http://www.schipholhotelshuttle.nl/site/home.asp>

Equal Opportunity

Events, activities and facilities of the University of South Florida are available without regard to race, color, sex, national origin, disability, age, or Vietnam veteran status as provided by law and in accordance with the University's respect for personal dignity.

Accommodations for Disabilities

Please notify the office of Health Professions Conferencing Corp., 12901 Bruce B. Downs Blvd., MDC Box 60, Tampa, FL 33612 or call (813) 974-4296 by January 27, 2011 if a reasonable accommodation for a disability is needed.

Low Income Countries – for reduced registration fees

Afghanistan	Guatemala	Poland
Albania	Guinea	Romania
Algeria	Guyana	Russian Federation
American Samoa	Haiti	Rwanda
Angola	Herzegovina	Samoa
Argentina	Honduras	Senegal
Armenia	India	Serbia
Azerbaijan	Indonesia	Slovak Republic
Bangladesh	Iran	Solomon Islands
Belarus	Iraq	Somalia
Belize	Jamaica	South Africa
Benin	Jordan	Sri Lanka
Bhutan	Kazakhstan	St. Kitts and Nevis
Bolivia	Kenya	St. Lucia
Bosnia	Korea	St. Vincent and the Grenadines
Botswana	Latvia	Suriname
Brazil	Lebanon	Swaziland
Bulgaria	Liberia	Syria
Burundi	Libya	Tajikistan
Cambodia	Lithuania	Tanzania
Cameroon	Macedonia	Thailand
Cape Verde	Madagascar	Tunisia
Central African Republic	Malawi	Turkey
Chad	Malaysia	Uganda
Chile	Maldives	Ukraine
China	Mali	Uruguay
Colombia	Marshall Islands	Uzbekistan
Congo	Mauritania	Venezuela
Costa Rica	Mauritius	Vietnam
Cote d'Ivoire	Mexico	West Bank & Gaza
Croatia	Micronesia	Yemen
Cuba	Moldova	Zambia
Djibouti	Montenegro	Zimbabwe
Dominica	Morocco	
Dominican Republic	Mozambique	
Ecuador	Namibia	
Egypt	Nepal	
El Salvador	Nicaragua	
Equatorial Guinea	Niger	
Eritrea	Nigeria	
Ethiopia	Northern Mariana Islands	
Fiji	Oman	
Gabon	Pakistan	
Gambia	Panama	
Georgia	Paraguay	
Ghana	Peru	
Grenada	Philippines	

The 6th International Conference on



BRAIN & MONITORING NEUROPROTECTION IN THE NEWBORN

Exhibitor Prospectus

**Thursday, February 10 –
Saturday, February 12, 2011**

NH Grand Hotel Krasnapolsky
Amsterdam, The Netherlands

Sponsored by



*In collaboration with The Physical and Developmental Environment of the High Risk
Infant Center, College of Public Health, University of South Florida*

INVITATION TO ATTEND

It is my pleasure to invite your organization to participate as a commercial supporter or exhibitor at *The 6th International Conference on Brain Monitoring and Neuroprotection in the Newborn*.

The educational conference will be held at the **NH Grand Hotel Krasnapolsky in Amsterdam, The Netherlands** from **10-12 February 2011**. This event will attract health professionals interested in understanding and managing neurological development and, in particular, neuroprotection, of the newborn. *The 6th International Conference on Brain Monitoring and Neuroprotection in the Newborn* provides a comprehensive educational opportunity for participants to receive information on clinical updates, novel applications, and emerging research. Researchers will have the opportunity to network and discuss potential collaboration and new initiatives. The conference design maximizes the learning opportunities for participants: Plenary sessions will address the interface between research and clinical practice in the care of infants at high risk for brain injury. Clinicians at all levels of experience will gain in-depth exposure to new technologies during workshop sessions. Presented abstracts and posters will provide insight into current research endeavors in these fields.

On behalf of the planning committee, I look forward to welcoming you in Amsterdam.

Bobbi Rose!

Exhibit Manager and Conference Coordinator
University of South Florida
Tampa, Florida USA

AGENDA

THURSDAY, FEBRUARY 10, 2011 (PRE-CON WORKSHOPS)	
Workshops	
Workshop A: aEEG for the Experienced User	<i>Mona Toet, MD, PhD; Lena Hellstrom-Westas, MD</i>
Workshop B: Clinical Applications for NIRS	<i>Frank van Bel, MD, PhD; Petra Lemmers, MD, PhD; Gunnar Naulaers, MD, PhD</i>
Workshop C: Practical Aspects and New Developments in Therapeutic Hypothermia	<i>John Barks, MD; Ela Chakkarapani, MD, BS, MRCPCH</i>
Workshop D: Neuroimaging in the Newborn	<i>Linda de Vries, MD; Terri Inder, MD; Jeff Neil, MD, PhD</i>
Manufacturer Workshops	optional
Exhibit Hall Reception	
Poster Viewing	
FRIDAY, FEBRUARY 11, 2011 (MAIN CONFERENCE)	
How Therapeutic Hypothermia Changes Outcome Predictors	<i>Marianne Thoresen, MD, PhD</i>
Withdrawal of Support for Severely Encephalopathic Infants During Cooling	<i>Linda de Vries, MD</i>
School Age Follow-up from the Cool-cap Trial	<i>Alistair Gunn, MD, PhD</i>
Abstracts	
Audience Response System	<i>John Hartline, MD</i>
Panel Discussion	
The Neonatal aEEG/EEG Monitoring Experience – Lessons for the Future	<i>Ingmar Rosen, MD, PhD</i>
New Techniques of Neuroimaging	<i>Terrie Inder, MD</i>
Cerebral Oximetry for Clinical Use – What Precision is	<i>Gorm Greisen, MD, PhD</i>

Needed?	
Cerebral Oximetry: Its Value in the Clinical Setting	<i>Frank van Bel, MD, PhD</i>
Monitoring During and After Cardiac Surgery	<i>Selma Algra, PhD Student</i>
Abstracts	
Social event in Amsterdam (optional)	<i>Likely a canal dinner cruise; self-pay</i>
SATURDAY, FEBRUARY 12, 2011	
Biomarkers and Other Surrogates for Brain Injury	<i>Nicola Robertson, MB ChB, FRCPCH, PhD</i>
An Overview of White Matter Injury	<i>Terrie Inder, MD</i>
Hypothermia Plus	<i>Marianne Thoresen, MD, PhD</i>
Promising Electro-Markers	<i>Sampsa Vanhatalo, MD, PhD</i>
Challenges in Seizure Detection: How do we define and measure a seizure?	<i>Geraldine Boylan, PhD</i>
Treatment of Refractory Seizures / Status	<i>Robert Clancy, MD</i>
Audience Response System	<i>John Hartline, MD</i>
Roundtable Discussion: Research Challenges	<i>Sampsa Vanhatalo, MD, PhD & others</i>
Wrap-up	<i>Bob White, MD</i>
Workshop for Nurses	<i>Utrecht Nurses - TBD</i>
8:30 – 12:00	
Held in exhibit hall; focus on aEEG and NIRS	

ATTENDEE PROFILE

This is the second year the conference is in Europe. Attendance is expected to be 200 - 250 delegates. It is expected that the largest audience will come from Europe, and a smaller percentage from North America and Asia. The professions represented will be:

- ❖ Neonatologists
- ❖ Neonatal Nurses
- ❖ Pediatric Neurologists
- ❖ Neurophysiologists
- ❖ Research Scientists

THE VENUE

NH Grand Hotel Krasnapolsky
 Dam 9
 1012 JS Amsterdam
 The Netherlands
 Tel. +31.20.5549111 Fax. +31.20.6228607
 Email: nhkrasnapolsky@nh-hotels.com

Closest Airport:

Amsterdam Airport Schiphol
 airport code is AMS.
 URL is <http://www.schiphol.nl>

Hotel website:

<http://www.nh-hotels.com/nh/en/hotels/the-netherlands/amsterdam/nh-grand-hotel-krasnapolsky.html>

Website for making reservations <http://www.nh-hotels.com/events/en/event-detail/5434/usf.html>

Group rate is €127 for standard room and €167 for deluxe. These prices are inclusive of Dutch VAT (19%), but are exclusive of any city tax. This rate is exclusive of breakfast.

GROUND TRANSPORTATION:

- **Train:** Take the train from the airport to Centraal Station. The walk from the Centraal Station to the hotel is relatively short. However, carrying luggage, or even rolling luggage, is not pleasant. This is the least expensive method of transportation.
- **Taxi:** Taxis are always available. They are relatively expensive.
- **Bus:** Buses are available. For more information, visit the web site, <http://www.schiphol.nl/Travellers/ToFromSchiphol/PublicTransport/Bus.htm>
- **Hotel Shuttle:** Connexion Hotel Shuttle goes to and from the airport to the Krasnapolsky. At the time of this writing, one way is approximately €15 and round-trip (or "Return") is €24.50.

Web site: <http://www.schipholhotelshuttle.nl/site/home.asp>

EDUCATIONAL GRANT AND EXHIBIT OPPORTUNITIES

The planning committee is pleased to invite you to participate in this educational event that brings the science and real-life practice challenges of managing neurodevelopment and neuroprotection together. The planning committee is committed to working with you to develop significant opportunities for your organization. *The following opportunities are offered for your consideration. Packages are flexible and I will be happy to work with you to discuss how best to meet your organization's overall marketing objectives and budget.*

EDUCATIONAL GRANT: Educational grants invoke a different set of rules and paperwork. If your organization is interested in giving an educational grant, please contact Bobbi Rose at brose@health.usf.edu or 813-974-6158.

EXHIBIT OPPORTUNITIES:

3 meter x 3 meter (approx. 10 ft x 10 ft) space for your display, and a skirted table (74,5 cm wide, 183 cm long, 75 cm high) €1923 (or USD equivalent)

OTHER SUPPORT:

- Manufacturer Workshop (2 spaces available on Thursday) €770 (or USD equivalent)
 Workshop for Nurses on Saturday (aEEG and NIRS; faculty will facilitate the session)
€154 (or USD equivalent)

EXHIBIT HALL DETAILS & ENTITLEMENTS:

Venue / Shipping Address	NH Grand Hotel Krasnapolsky Oudezijds Voorburgwal 228 1012 GJ Amsterdam, The Netherlands Phone: 020-5549111
Storage	Delivery only from Monday to Friday from 09.00 – 11.00 and maximum 2 business days before the start of the event. For packages delivered earlier than this, you will be charged €100, per day, excluding taxes, for storage costs.
On Every Box:	The following details should be mentioned on every box : Date of the meeting (February 10-12, 2011) Name of the meeting as known to the hotel ('Brain Monitoring') Name of the contact person who will pick up the boxes
Location of Exhibits	St. John's Rooms I and II
Time Schedule	Set-up: Thursday, February 10, 2011: 10:30 – 17:00 Manufacturer Workshop (if applicable): Thursday Feb. 10: 17.10 – 18.00 Workshop for Nurses: Saturday, Feb. 12: 8:30 – 12:00 Exhibit Hall Reception: Thursday, February 10, 19.00 – 21.00 Open: February 10, 19.00 – 21.00 Open: February 11, 7:30 – 17.30 Open: February 12, 7.30 – 13.30 Move-out: February 12, 13.30 – 17.00
Details of Table Top	Skirted Table is 74,5 cm wide, 183 cm long, and 75 cm high; 2 chairs Access to power supply – inform Bobbi Rose of any electrical needs.
Details of "Booth" space	3 meter x 3 meter floor space. No shell (or Pipe & Drape) is provided; you must provide your own set-up, but a table will be provided if needed, as well two chairs (more if needed). Access to power supply – please let Bobbi Rose know of your electricity needs.

Security and manning of exhibit	Responsibility of exhibitor. Exhibits should be manned during meals and breaks. However, please join the group for lunch on the 11 th and 12 th as the lunch is covered are part of your exhibit fee. The room will be locked during closed periods.
Cancellation Charges	Exhibitor cancellations received prior to January 6, 2011 will incur a 20% administrative fee. Exhibitor cancellations received on or after January 6, 2011 will not receive a refund.
Registration & Lodging	Use the Application to Exhibit to provide Bobbi Rose with information on the company representatives. Reservation for hotel accommodation is the responsibility of the exhibitor. Here is a link to electronic hotel reservation: http://www.nh-hotels.com/events/en/event-detail/5434/usf.html
Positioning of Exhibits / Tables	Allocation of table positions will be the responsibility of the conference coordinator. Priority will be given to those exhibitors who sign up early. In positioning tables, we will try to be sensitive to issues of competition.

Exhibiting allows for two company representatives, one of which may attend the main conference. Additional company representatives may attend the exhibit hall for €200 each. (Paying attendees may be company reps at no additional cost.) Exhibitors will receive a participant list; however, email addresses will only be made available if the participant 'opts in'.

TO CONFIRM YOUR PARTICIPATION:

Please complete the appropriate form and fax to Bobbi Rose at 813-974-8889, or scan/email, or mail it to the address listed below. When the form is received, you will receive a confirmation email and an invoice for payment, if applicable.

PAYMENT DETAILS:

Payment may be made with a check, bank transfer, or credit card. Cost is listed in Euros, but payment is in US dollars only.

Half of the amount due with the application, and the remaining amount due by December 31, 2010.

If paying by check, make the check out to USF HPCC (University of South Florida, Health Professions Conferencing Center). Tax ID # for HPCC is 16-1765073.

Accepted credit cards are VISA, MasterCard, and American Express.

Payment by bank (wire) transfer:

Swift code – PNBPU33

Bank – Wachovia Bank, N.A.

Account name – USF Health Professions Conferencing Corporation

Account number – 2000035222660

Routing Transit number - 111025013

Important: All bank charges are the responsibility of the participant and should be paid in addition to the registration fees. Please remember to specify the name of the conference (Brain Monitoring) and the company name on the bank transfer document. If payment is made by a company or for more than one person, please make sure all names are indicated.

*The 6th International Conference on Brain Monitoring and Neuroprotection in the Newborn
February 10-12, 2011; Amsterdam, The Netherlands*

APPLICATION TO EXHIBIT

Complete and return this form to:

Bobbi Rose

USF - The Chiles Center
3111 E. Fletcher Ave
Tampa, FL 33613-4660

E: brose@health.usf.edu

F: (813) 974-8889

T: (813) 974-6158

Authorized person: First Name:		Last Name:	
Position:		Organization:	
Address:			
State:	Country:		Postcode:
Email:			
Phone:	Fax:	Web site:	
VAT number (if applicable):			
VAT country:			

EXHIBITOR REQUEST

- 3m² Exhibit space; table; 2 chairs €1923
- Workshop €70 (only 2 slots available)
- Workshop for Nurses €154 (emphasis on aEEG and NIRS; faculty will facilitate the session.)
- MUST add 19% Dutch VAT to subtotal.** € _____

Total Amount: € _____

Exact name to appear on documents: _____

Brief description of products and services to be appear on documents:

*The 6th International Conference on Brain Monitoring and Neuroprotection in the Newborn
February 10-12, 2011; Amsterdam, The Netherlands*

(Page 2) Company Name: _____

PAYMENT TYPE: Payment – 50% payment is required on application; remainder due on December 31, 2010.

Bank (wire) transfer: see details below

Check: Make check payable to USF HPCC #348. USF HPCC Federal ID# 16-1765073
Mail to the address on top of this form, or on the first page of this form.

Credit Card: MasterCard Visa American Express

Card Number: _____ Expiration: ____/____

Name on Card: _____ Signature: _____

Representation: Payment entitles exhibitor to two exhibit hall representatives – one of which may attend the main conference. Additional representatives require an additional payment of €200 each. Please indicate your Exhibit Representative(s) name and title below:

1. (free – attend sessions)	3. (€200)
2. (free)	4. (€200)

I have read and understood the exhibitor terms and conditions, guidelines and responsibilities. My company will abide by them.

Authorized Signature: _____ Date: _____

Amount of support:	Amount paid w/application:
Balance due:	Form of payment: