



Innovative Care of the Newborn Brain

September 26-27, 2018

Join us for a 2-day Neuro-NICU training course. In addition to our local experts in neonatology, neurology, developmental pediatrics and high-risk infant follow up care, we have several international experts joining us to provide a range of break-out sessions for beginners and advanced users of therapeutic hypothermia, aEEG and NIRS. This is a conference not to be missed!



Stanford
Children's Health

Lucile Packard
Children's Hospital
Stanford

Our Invited Guest Faculty



Lina Chalak
MD, MS Epi

*Associate Professor in Pediatrics &
Attending Neonatologist
UT Southwestern Medical Center
Dallas, TX - USA*

Dr Lina Chalak's clinical and translational research expertise is related to neonatal brain injury, HIE identification and therapies, as well as the use of NIRS to evaluate neurovascular unit and cerebral auto-regulation.



Lena Hellström-Westas
MD, PhD

*Professor of Perinatal Medicine
Senior Consulting Neonatologist
Uppsala University Hospital
Uppsala, Sweden*

Dr. Lena Hellström-Westas is one of the pioneering clinical researchers on amplitude-integrated EEG monitoring with a focus on early prediction of outcome in asphyxiated infants and preterm infants, seizure detection, sleep and pain assessments.



Marianne Thoresen
MD, PhD

*Professor of Neonatal Neuroscience,
University of Bristol, UK &
Professor of Physiology,
University of Oslo, Norway*

Dr. Marianne Thoresen is considered one of the world's leading experts on both the basic science and clinical use of neonatal hypothermia and other neuroprotective strategies. She has been cooling neonates since 1998 and played an important role in implementing hypothermia throughout the UK.



Course Description

This course has been designed to bring you an intense focus on one organ system, the neonatal brain and nervous system; the organ system that is ultimately responsible for our quality of life. We will take you on a journey from fetal life, through specialized care in the NICU, and finally beyond the doors of the NICU, to the infant's real home.

Date & Time

- September 26 & 27, 2018
- 0800 to 1700

Location

Frances C. Arrillaga Alumni Center
326 Galvez Street—Stanford University

Registration

- \$400 until June 1st, 2018
- \$450 after June 1st; \$500 at the door
- Registration Fee Includes: Printed Syllabus, Parking, Lunch and Light Snacks

Refund Policy

- 50% refunds will be given for cancellations received in writing by August 30th, 2018

Wed, September 26

0810: Why a NeuroNICU? - The LPCH story up until now— *Kathi Salley Randall*

0830: Fetal and neonatal brain development: Timing, significance, and outcomes—*Courtney Wusthoff, MD, MS Epi*

0915: Neurological Examination of the Newborn - *Courtney Wusthoff, MD, MS Epi*

1030: IVH and white matter injuries: Understanding the pathophysiology, and risks for the small and big baby - *Valerie Chock, MD, MS Epi*

1115: HIE – Insult, impact, & interventions
Krisa Van Meurs, MD

1145: Systemic Implications of Hypothermia Bedside Management Pearls
Sonia L. Bonifacio, MD

1300: Mild HIE: Should we cool?
Lina Chalak, MD, MS Epi

1330: The past and future of neonatal neuroprotection—*Marianne Thoresen, MD, PhD*

1430: Short-Term and Early Neurodevelopmental Outcomes of Extremely Preterm Infants—
Susan R. Hintz, MD MS Epi

1530: 5 Ways to Offer Neuro-Protective Care in the NICU—*Kathi Salley Randall*

1600: Psychological Support in the NICU to effect short and long-term neonatal outcomes—
Dr. Richard Shaw

Nursing CE Credits

This course is pending approval for Nursing Continuing Education by California Board of Registered Nursing Provider Number CEP 15417 for 14 contact hours. No CME credits

Agenda + Registration

<https://tinyurl.com/neuronicu-sept>

Thurs, September 27

0815: aEEG in Every Day Practice
Lena Hellström-Westas, MD, PhD

0900: NIRS in the NICU—Now and the Future Directions—*Lina Chalak, MD, MS Epi*

0945: Diagnosis and management of neonatal seizures
Courtney Wusthoff, MD, MS Epi

1045: Pain and the preterm brain—
Lena Hellström-Westas, MD, PhD

1130: Comfort Care vs Critical Care
Diana Kobayashi, NNP

1300: BREAK-OUT SESSIONS—
Beginner & Advanced
aEEG/NIRS/Cooling Cases

1500: Looking back to look forward:
The parent's perspective of life in the NICU and beyond
LPCH Family-Centered Care Department

Course Objectives

1. Identify risk factors, incidence and common causes; describe the pathophysiology, diagnostic work-up, two potential medical treatments, procedures, referrals; and list two nursing interventions or care considerations, for infants with the following conditions: • Hypoxic Ischemic Encephalopathy • CNS Malformations • Seizures • ELBW Infants

Full list of objectives and course schedule can be found online at:

<https://tinyurl.com/neuronicu-sept>

Contact Information:

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