



Neuroprotection Study Day

**14th November 2023,
Virtual 10.00 – 14.00hrs**



AIMS of the day.

This interactive online study day is designed to provide the opportunity for all healthcare professionals working with neonates to learn about current and recently published research within the field of encephalopathy. There will be presentations by lead researchers on the current ongoing Eaglet and COMET trials and an insight into the findings of the HELIX study. Our parent talk will be from a family who experienced having a baby. Sentec will be presenting how transcutaneous CO₂ monitoring can support the stability of our HIE babies. We will round up the day with an interactive session on interpreting CFM, who can spot the seizures?

The faculty (in order of programme)

Wendy Rogers

Wendy is the Lead nurse for Neuroprotection. She is currently a member of the EoE Baby brain protection group and the BANNFU education work stream. Working as a neonatal nurse for many years, which included the role of practice education facilitator, collaborating with the East of England on quality care through benchmarking and working as an Advanced nurse practitioner.

Dr Nazakat Merchant

Naaz is a consultant Neonatologist at West Hertfordshire NHS trust. She has a passion for neuroprotection and development and is actively involved regionally—co-chair of the Baby brain Protection group; and Nationally—co-lead of the BANNFU research group. She is an honorary Senior lecturer—Neonatology at Kings College London.

Professor Ronit Pressler

Ronit is Consultant in Clinical Neurophysiology at Great Ormond Street Hospital for Children, at Cambridge University Hospital and Associate Professor at the UCL-Institute of Child Health. Her research interests include neonatal seizures, particularly their diagnosis and treatment. She has chaired a number of international task forces and working groups on neonatal EEG and neonatal seizures including the ILAE neonatal seizure classification task force and the ILAE neonatal guidelines task force.

Sarah and Chris – experts by experience.

Chris and Sarah are parents to a little boy, who is 2. He suffered a grade II HIE event at birth and was transferred to a regional hospital where he was cooled. Sarah is part of the Peeps (UK's HIE charity) support group and the Mid-Essex MNVP where she attends the NICU focus group to improve service users experience.

Felicity Gray

Felicity is the Territory Manager for Sentec Medical. She trained as a sleep physiologist in Australia and worked as a paediatric sleep & respiratory physiologist at the Royal Brompton Hospital in London. She then worked at Philips Sleep & Respiratory Care as an Account Manager before joining Sentec Medical in March 2020. Sentec specialises in non-invasive monitoring technology, including transcutaneous PCO₂ monitors that have specific features designed for neonatal use, and Felicity loves supporting clinicians in improving patient care and helping make a difference to the lives of your smallest patients.

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10:00 - 10:05 Welcome and Introduction

5mins Wendy Rogers

10:05 - 10:50 Cooling studies

45mins Presented by Nazakat Merchant

10:50 - 11:30 Eaglet trial

40mins Presented by Ronit Pressler

Comparing EEG to aEEG

11:30- 12:15 Parent talk

45mins Presented Sarah and Chris

Experiencing NICU with a HIE baby

12:15 - 12:30 Sentec– Sponsor

15mins Presented by Felicity Gray

Balancing brain and lung protection using transcutaneous monitoring

12:30 - 13:00 Lunch

30mins

13:00 - 13:50 Spot the Seizure EEG vs CFM

50 mins Presented by Ronit Pressler and Nazakat Merchant

Can you tell which CFM shows seizures?

13:50 - 14:00 Summary and Close

10mins Wendy Rogers

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