

# lifelines iEEG in the NICU

Elevating Point-of-Care



## Incereb neon

- Optimized for the NICU
- Early application of EEG brain monitoring made easier
- Safe and comfortable for the baby

Brain injury is a well-known, serious and continual threat to infant patients in the NICU. Neonatologists are well aware of this and monitoring brain function with EEG has become a standard of care for many departments.

Early application of brain monitoring in the NICU is crucial, but the application of multiple EEG sensors is a time consuming and complicated task. Early application may not always be possible without an EEG technologist being available.

*Incereb neon* changes that.

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## Innovation in the NICU

*Incereb neon* has been created by EEG technologists who simplified electrode application into an innovative single electrode array. With minimal training, nursing staff can align the central reference lead to the baby's scalp and confidently know that all other electrodes will be symmetrically placed. The *neon* is optimized for use in the NICU, it is non-invasive, single use, safe and comfortable for the baby.

The *Incereb neon* electrodes are pre-pasted and are available in two sizes, with either six or ten recording electrodes, plus Cz reference and ground. Reusable interface cables are available to connect the *neon* to EEG machines and aEEG monitors equipped with either 1.5mm touch-proof or D-type connectors.



## Benefits of *Incereb neon*

- Simple to learn
- Quick application and removal reduces stress for baby
- Precise symmetry for intra-hemisphere data comparison
- Minimal discomfort for baby
- Gentle conductive paste is well-tolerated on delicate skin
- Attractive design; less threatening for parents
- Each kit pre-packaged with supplies
- Compatible with all leading brands of EEG, CFM, and Amplitude Integrated EEG systems



## Specifications

- Optimized for use in the NICU
- For use on infants from birth
- Six recording electrodes (F3, F4, C3, C4, P3, P4)
- Cz reference and ground
- *neon8* fits head circumference <32 cm
- Non-invasive, does not break skin
- Single use only
- Connects to reusable amplifier cable
- Universal connectivity:  
(1.5mm TP and D-type connectors)
- ISO Certified 13485:2003
- Dimensions (small size):  
97mm x 208mm x 6mm



## Specifications

- Optimized for use in the NICU
- For use on infants from birth
- Ten recording electrodes:  
(F3, F4, C3, C4, T3, T4, T5, T6, O1, O2)
- Cz reference and ground
- *neon12* fits head circumference >32 cm
- Non-invasive, does not break skin
- Single use only
- Connects to reusable amplifier cable
- Universal connectivity  
(1.5mm TP and D-type connectors)
- ISO Certified 13485:2003
- Dimensions (medium size):  
178mm x 240mm x 9mm

Lifelines iEEG is a registered trademark and a collaboration of Lifelines Ltd and Kvikna Medical ehf

BREAKING DOWN BARRIERS TO EEG

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