

Neuro ICU Monitoring

Maximum Flexibility Without Compromise from Nihon Kohden

The use of continuous EEG (cEEG) monitoring can enhance the neurologic assessment and care of critically ill patients through early detection of neurological deterioration at a reversible stage. Nihon Kohden offers flexible monitoring solutions that are sensitive to the restrictions in the ICU environment and provides comprehensive data that assists with timely intervention for the Intensivist and Neurologist care providers.

Configurations

Sensitive to the space constraints in the busy ICU setting, Nihon Kohden offers a wide range of configuration options.

- Fixed, fold-away wall-mount options
- Portable, compact cart-based systems for multi-room and multi-purpose use
- Wired or Wireless amplifier options for 32-64 channel recordings
- Evoked Potential option for post-surgical SEP
- Optional synchronized Digital Video
- Easy to use touch screen monitor interface and a washable keyboard and mouse



Seamless Data Solutions

- Network connectivity allows for remote monitoring of raw data, patient video and trend analyses
- Multi-scope Central Monitor Software consolidates multi-patient data to facilitate viewing by Nursing and Technician personnel
- Integration with other Nihon Kohden products and patient database through a common scheduler with status tracking. Remote review with a single click for ICU, EMU, ER, or EEG patients.
- Correlate EEG and physiological parameter trends

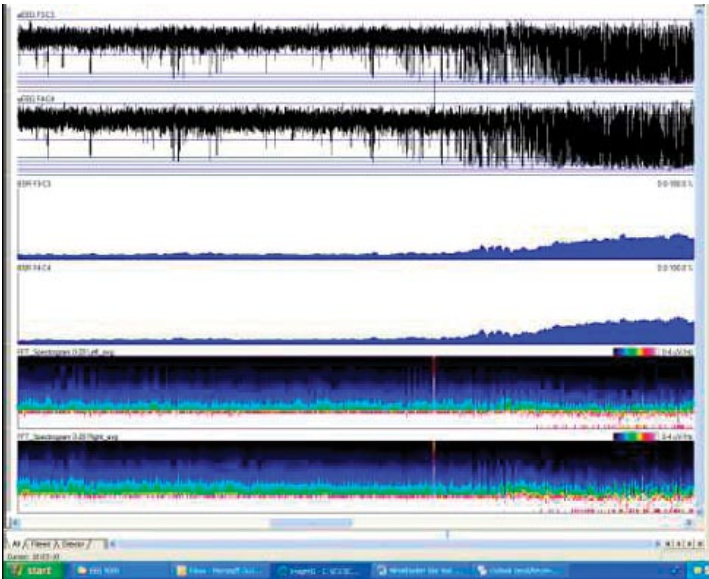


AirEEG wireless transmitter



epilepsy monitoring • electroencephalography • ambulatory recording • polysomnography • ICU/ER monitoring • electromyography • evoked potentials

ICM Monitoring



Trend relationships between EEG changes (CSA, Burst Suppression, etc.) vs. Physiologic trends (HR, SpO₂, etc.)



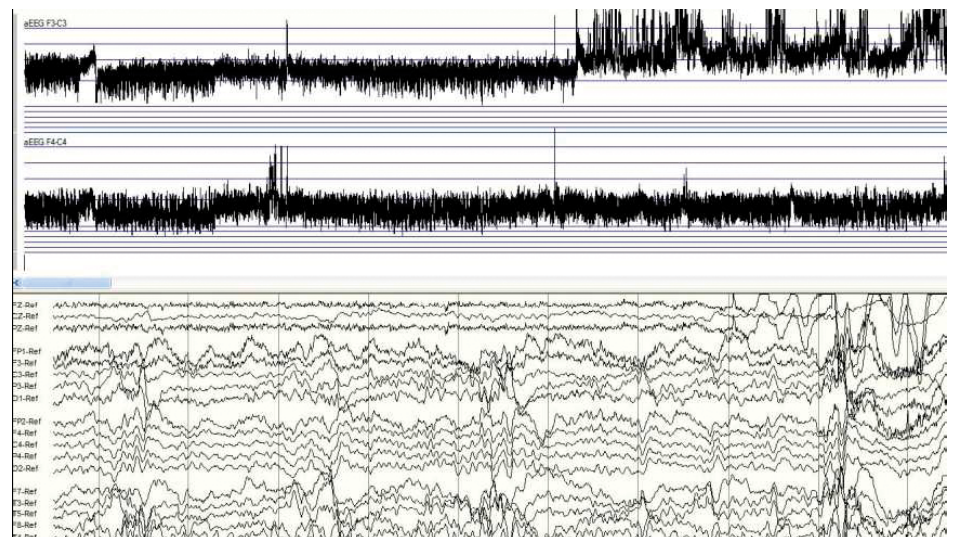
Display the Trend Analyses' underlying raw data in a single touch

Cart-based EEG 9200 has small form factor and is easily transportable between patient beds



Data Capture and Analyses

- Our comprehensive FFT displays CSA, Edge Spectrum, Power Ratio, Power Difference, Coherence and more
- View Amplitude, Combination, Multi-Epoch, Condition and Functional trends
- Optional Spike and Seizure Detection provides alerts to critical events as well as fast seizure review and spike clustering
- The option to trend EEG with vital signs data from your Patient Monitoring system provides decision support whether locally or remote of the patient



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