Continuous EEG Monitoring (cEEG)

Ongoing, real-time review of a patient’s EEG identifying brain activity:

- Clinical and non-clinical seizures
- Brain ischemia
- Neurological deterioration
- Secondary brain injuries

cEEG provides critical information needed to make real-time patient care decisions and improve outcomes.

GAP BETWEEN CLINICAL NEED & AVAILABLE RESOURCES

- Few hospitals have 24/7 EEG technologist coverage
- Very few EEG tech training programs available

THE BOTTOM LINE: cEEG staffing is a major challenge; most hospitals have no choice but to go without

THE SOLUTION: Neurotech cEEG Partners

24/7 MONITORING • EEG TECHNOLOGISTS • SECURE FACILITIES

Credentialed Professionals
- Experienced, R. EEG T. and CLTM EEG Technologists
- Available within 30 minutes notice
- Consistent competency assessment
- Quality assurance program

Human Resource Considerations
- Cost directly related to use of service
- $0 hiring cost
- $0 scheduling expense

All of Neurotech’s R. EEG T. and CLTM staff members work from secure Neurotech office facilities. Unlike other cEEG providers, none of our staff members work from home. This added level of supervision and security ensures that the mental focus of our staff members is always on our patients. It also ensures HIPAA compliance and security of patient records. All compliance and IT issues are secure. Back up systems minimize interruptions during telecommunications or internet outages.
Accredited by the Joint Commission, Neurotech is an experienced remote monitoring EEG provider. Neurotech offers hospitals EEG monitoring solutions specifically designed to meet individual hospital needs. Offering both continuous and periodic review of EEG data through experienced R. EEG T. and CLTM certified technologists, Neurotech can provide hospitals with the cEEG services needed to maximize patient outcomes.

**NEUROTECH CUSTOMIZED cEEG SOLUTION**

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**Continuous Monitoring**
- 4:1 tech: patient ratio
- Real time monitoring of EEG, video and qEEG data.
- Immediate notification of seizures or patient events as per hospital plan

**Physician Interpretation**
Partnering with academic physicians in many states, Neurotech can provide hospitals with 24/7 board certified neurologist EEG interpretations.
- Physician log in at least once every 24 hours and on call 24/7
- Final interpretation
- Credentialing may not be required by Joint Commission accredited hospitals

(Consultative services are not included.)

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**Research References:**
5. Continuous bedside EEG Monitoring benefits Pediatric Patients Allows efficient detection of abnormal findings. By Deepak Lachhwani, MD Cleveland Clinic.