ADULT EEG MONITORING SERVICE

THE CLINICAL CHALLENGE

EEG monitoring (routine or continuous) has become an essential tool for managing critically ill and neurologically complex adult patients – from detecting non-convulsive seizures in ICU patients to guiding treatment for seizures. However, around-the-clock EEG interpretation requires specialized personnel (EEG technologists and neurologists) that most hospitals lack, especially after hours. This gap is dangerous because not all seizures are obvious convulsions – patients, particularly in ICUs or post-cardiac arrest, can experience subtle or "silent" seizures that only EEG can detect.

WHAT EQUUM DOES

Equum Medical's Adult EEG Monitoring service provides immediate, 24/7 access to remote EEG expertise, effectively epileptologists at your fingertips. Equum's team offers around-the-clock monitoring of both routine and continuous EEG studies. The moment an EEG is ordered – whether a routine outpatient study or continuous monitoring in the ICU – Equum's board-certified neurologists/epileptologists are available to interpret the data in real time. Through secure remote connections, Equum specialists review live EEG feeds and critical values just as if they were in the hospital's neuro monitoring room. They also facilitate timely initiation of long-term video EEG when needed (for instance, if a patient's condition warrants extended monitoring, Equum helps set up and begin that promptly).

The Equum neurologist can immediately interpret the EEG and provide reads to the local team. Essentially, Equum's Adult EEG service brings specialized neurodiagnostic care to any hospital, anytime. By leveraging telehealth connectivity, Equum ensures that no matter the hour, your patients' brain activity is being watched by skilled eyes. This service is fully HIPAA-compliant and integrates with the hospital's systems, so EEG data and reports are stored in the patient record seamlessly.

THE VALUE CREATED

With Equum's tele-EEG solution, hospitals can dramatically improve patient care quality and safety for neurological cases. Immediate EEG interpretation leads to faster clinical decision-making and intervention.

BENEFITS OF EQUUM SERVICE

Continuous 24/7 Specialist Surveillance:

Equum provides round-the-clock expert coverage for EEG monitoring, ensuring no critical changes go unnoticed. Equum's team catches it and alerts bedside providers immediately.

Improved Patient Outcomes:

With tele-EEG, patients receive intervention faster, which can be lifesaving.

Expanded Neurological Care Capacity:

Equum empowers hospitals to manage complex neuro cases in-house that previously might require transfer.

Cost-Effective Specialist Utilization:

Tele-EEG optimizes resources and lowers costs. This model reduces the financial burden of maintaining a full in-house EEG service, while still delivering high-quality care.

Enhanced Clinical Support and Compliance:

Ultimately, Equum's Adult EEG service helps mitigate risk by ensuring that critical neurological conditions are not missed and are treated according to best practices, thereby improving patient safety and aligning with regulatory expectations for monitoring in neurological care.

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