



Clinical Trial Services

Leading the Global Delivery of Comprehensive EEG Solutions to Meet your Trial Requirements

Innovative Brain Monitoring and Assessments

- Safety EEG
- QEEG
- 24-Hour EEG
- Polysomnography
- Auditory & Visual ERP
- Onsite and Decentralized
- ERP and QEEG Analysis
- EEG Interpretation



Accurate EEG Services for Successful Clinical Trial Results

Electroencephalography (EEG) is an ideal biomarker for successful drug development, particularly in the evaluation of seizure liability and monitoring changes in sleep. Sponsors with CNS pipeline drugs are adopting EEG and QEEG for a wide range of functions: **to track natural history, safety, pharmacodynamic assessments, and biomarker development.**

REAL-TIME EEG/ERP/PSG COLLECTION, MONITORING, MANAGEMENT & ANALYSIS

CortiCare provides extensive EEG clinical research services to meet a wide breadth of needs, from a facility-based CRO on-site, to in-home EEG across the United States, Canada, Europe and many other countries. We follow the highest standard of data integrity and offer accurate EEG data collection for interpretation and further analysis.

OPTIMAL PROTOCOL DESIGN INPUT

Our broad expertise and network of EEG technologists and board-certified clinical neurophysiologists translates to a single source for EEG/ERP study design, standardized data acquisition, management, and interpretation in clinical trials for CNS pipeline drugs.

CRO SITE STAFFING SOLUTIONS

CortiCare partners closely with CRO's and sponsors to provide high-quality, experienced professionals to staff site-based trials where a controlled environment is needed for dose-escalation studies and specific timed interventions and discrete data collection points. We can staff a range of specialized positions, including high-quality EEG Technologists to meet scheduled protocol stages, as well as to provide appropriate EEG acquisition systems, data upload support and a secure cloud server with managed access. Finally, our experts can train CRO staff across a wide range of data acquisition responsibilities.

ANALYSIS SOLUTIONS

CortiCare can provide advanced analysis of QEEG, ERP, and PSG data with proven algorithms and statistical processes. This includes pre-processing of data to remove artifact and improve signal to noise values.

SECURE DATA STORAGE

Data can be stored and managed on our AWS CortiCloud, with secure, HIPAA/HITECH compliant access. CortiCare is certified SOC 2 Type 2 compliant on the Security Trust Services Criteria through an independent auditor and CortiCare adheres to GDPR guidelines for personal data privacy.

Customized Solutions to Meet Your Unique Trial Requirements

DECENTRALIZED CLINICAL TRIAL (DCT) SUPPORT

CortiCare can support decentralized clinical trials, expanding the diversity of the trial population and in some cases reducing the timeframe and cost to complete a trial phase.

These trials are conducted remotely instead of at a site facility, with patients remaining at home during most of the trial.

CortiCare can assist CRO's and sponsors in implementing DCTs by:

- Providing qualified staff to initiate in-home data collection
- Acquiring short or long-term recordings with Internet connectivity for remote QC checks
- Providing cloud-based data storage and secure access for timely data review
- Ensuring compliance with all appropriate regulations and guidance



CortiCare Capabilities

- Protocol design support
- EEG and PSG recording
- Equipment and staffing
- Site training
- Decentralized trial support
- EEG data review
- Secure data storage
- Data analysis and reporting
- Remote monitoring for quality
- Global coverage



Neurodiagnostic Services

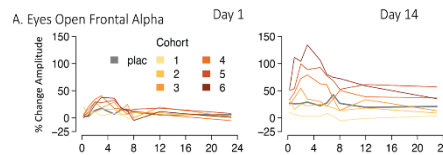
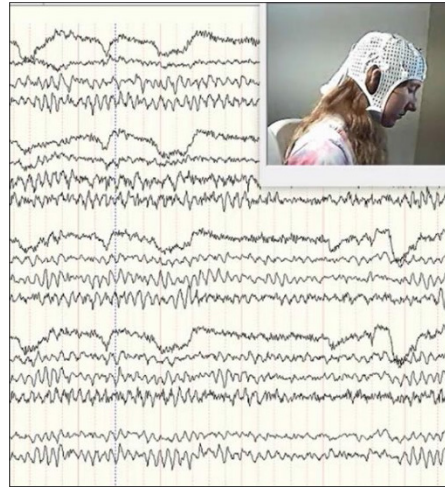
- Safety EEG Monitoring
- QEEG
- LTM Seizure Monitoring
- Participant Qualification Screening
- Sleep EEG with Staging
- ERP (P300, MMN, ASSR)
- Study-specific algorithms

**EXPERIENCED STAFF, QUALIFIED
NEUROPHYSIOLOGISTS, EXPERT ANALYSTS**

CortiCare Staff Technologists are credentialed in EEG, PSG, CLTM, NCS/ERP. They are accomplished in in-clinic and decentralized data collection, are GCP Certified (CITI Program). Our staff are skilled in working with Adult and Pediatric populations including Angelman’s, SNC2A, and other rare diseases.

CortiCare provides experienced, boarded Neurophysiologists and Epileptologists to review and report on EEG records for both Adult and Pediatric pharmaceutical trials. Our physicians can be available for immediate reads of records for safety and confirmation of quality data for QEEG analysis.

Our analyst partners are well established experts in QEEG and ERP data analysis . They bring expertise into biomarker selection and protocol design, including programming of ERP tasks. Involvement continues with development of statistical analysis plans and the generation of pharmacodynamic reports of results.



**For more information or to discuss your clinical trial needs,
contact us at clinicaltrials@CortiCare.com**



3838 Oak Lawn Ave
Suite 1420
Dallas, TX 75219

888.482.2334
clinicaltrials@CortiCare.com
www.CortiCare.com

© 2025 CortiCare, Inc. All Rights Reserved.
CortiCare is a registered trademark of CortiCare, Inc.
P/N CCL-0XX