

**1 in 26 PEOPLE WILL DEVELOP EPILEPSY OR
RECURRENT SEIZURES DURING THEIR LIFETIME**



BIOSERENITY provides neurodiagnostic solutions
that improve access to care

Our Key Advantages:

- 32 Channel State of the Art EEG Devices
- Highly Qualified Clinical Staff
- Board Certified Neurologists and Epileptologists
- Flexible Patient Scheduling
- Prompt Interpretation Results



Choose the Level of Testing Needed:

- Routine EEG
- Ambulatory Video EEG
- Intermittent EEG Monitoring with Ambulatory Video
- Physician Look in Functionality



Our Workflow – a 3 Step Process to Diagnosis



1. Referral for Appointment

- Phone
- Fax
- Email

2. Clinical Staff

- Patient set-up & disconnect
- Remote monitoring
- Annotation of study data

3. Cloud Based Platform

- Secure and compliant
- Physician access to data for interpretation
- Distribution of final report

Frequently Asked Questions

**Q: What is the turnaround time from order placement to appointment time?
What is the turn around time from study to completion to final results?**

- Orders are processed at time of receipt.
- Insurance is verified within 3 business days and patient is scheduled as soon as contact is made based on patient availability.
- Once study is complete, it is available for interpretation within 48-72 hours.

Q: Where are patients set up for testing?

We connect patients at the hospital, a physician's office, a BioSerenity Center, or the patient's home.

Q: What is annotated on the studies?

- All **Push Buttons (PB)** are documented, including accidental PBs. Abnormal video files for each PB are annotated as to what it displays and if there are electrographic changes.
- **Sharps and Spikes** are reviewed and annotated. Extreme sharps and spikes will be annotated as applicable to highlight importance to the reading physician.
- **Awake**, all background rhythms, muscle artifact, chew movements, electrographic changes, etc.
- **Sleep**, all stages of sleep are documented.
- **Seizures are annotated** as "seizure onset" and "seizure end" with documented onset and end times.
- **Bursts** are documented with length of time. Any bursts over 10 seconds are documented as seizure activity.
- **Persyst®** spike and seizure detection is run on all long-term studies.
- Interpreting physician will soon have the option to review full continuous data as well as pruned study data.

Additional Information:

- Monitored studies assure high quality results via R.EEGT clinicians checking on recording at least every 2 hours.
- Data can easily be viewed via web browser on any computer, tablet or mobile device. (Windows, Mac, Android).
- Device configuration:
 - Reinforced "carry-aboard" wheeled case with retractable handle provides patient mobility.
 - Mobile high-definition IR camera can be set in any room to capture patient activity 24/7.
 - Completely wireless: No tripping hazards.
 - Secure cellular connection: No need to access patient's Wi-Fi network.
- Two copies of recording are preserved via Internal Memory and External Memory card
- Data Security: HIPAA 256 AES encryption.