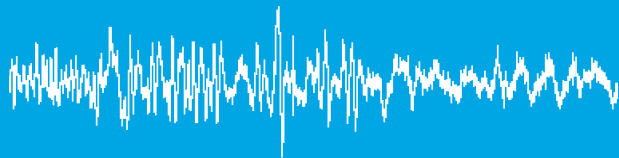


YOUR PARTNER IN PURSUING SEIZURE SOLUTIONS

Your doctor along with **Ambulatory EEG Recordings (AER)** have come together to provide high quality, convenient, cost effective, EEG services in your area. In-home access to these services minimizes the need to travel to major metropolitan areas or be admitted as an in-patient to long term monitoring care centers for evaluation. AER's reading neurologist is a Nationally recognized Epileptologist and EEG expert. **AER** employs only board registered/eligible technologists.



Achieving results Evolving solutions Redefining care

...to create better lives for our patients



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YOUR PARTNER IN PURSUING SEIZURE SOLUTIONS

In-Home Ambulatory Extended EEG's
In-Home Video EEG Services

Adult and Pediatric Patient Guide





WHY AN AMBULATORY EEG?

A doctor will typically order an in home EEG when:

- A patient experiences a seizure or a spell.
- When there is an unclear diagnosis.
- The doctor wants to evaluate the elimination of current medications.

The frequency of seizures in the general population is quite high (1 in 10), children (3 in 10). An ambulatory EEG allows **all patients** to be tested right at home.

SCHEDULING AN APPOINTMENT

Ambulatory Extended EEG's ordered:

- Will be faxed to AER's office.
- AER scheduling personnel will contact the patient within 1 business day to establish a mutually convenient time to have the study performed.

The study can be set-up in the patient's home for convenience or your doctor's office.

PREPARING FOR AN EEG

Prior to the EEG:

- The patient's scalp and hair should be clean, having used no conditioners, oils, sprays or gels.
- Patients should wear a shirt that buttons or zips to allow the EEG leads to be accessible.
- Patients will need a straight back or kitchen chair and a table or counter area to facilitate the hook-up.
- All **medications should be continued** unless otherwise directed by your doctor.

EXTENDED AMBULATORY EEG

75% of seizures or spells occur at night. In order to capture these events or to monitor the discontinuation of medication, your physician may order an extended EEG. Physicians will typically order these studies as overnight, 24 hours, 48 hours, 72 hours, 7 days or until an event occurs.

EXTENDED AMBULATORY EEG W/ VIDEO

Your doctor will often request a video EEG study. A video EEG study uses a camera as well as the EEG computer. It allows the doctor to see any activity associated with episodes.

EEG SET-UP

The AER technician will clean 23 areas on the patient's scalp and apply/secure the electrodes. There are no pins, needles, or "sticks" made. The technician then wraps the patient's head to secure the electrodes. A small recorder will be placed in a fanny pack around the waist or backpack enabling freedom of movement.

Normal daily non-strenuous activities can be performed.

If the doctor orders the EEG with video, the technician will need a space in the room where the patient intends to sleep during the study. This space should be large enough to set-up a laptop computer and video camera on a tripod.

The technician will provide the patient with directions on how to disconnect from the equipment and return it to AER.

If the doctor orders a study for longer than 3 days, AER will need to make arrangements to return to the patient's home.

The technician will check the electrodes to insure they are still intact and recording.

WHAT HAPPENS TO THE DATA

The data from the study will be reviewed by AER staff within 24-36 hours after the patient returns the equipment in the postage paid package supplied by the technician. The patient's doctor will have online access to the results at this point.



BILLING

The patient will receive up to two bills depending on the interpreting doctor. AER will pre-authorize all testing with the patient's insurance prior to the study being performed.

24/7 ON CALL TOLL FREE NUMBER

For any questions or after hours emergencies please call **1-877-378-2307**