



**ROUTINE EEG,
AMBULATORY
EXTENDED
EEG, AND
VIDEO EEG
SERVICES**

**PATIENT
INFORMATIONAL
BROCHURE**

www.aereeg.com

Ambulatory EEG Recordings, LLC
10325 N. Port Washington Rd.
Suite 150
Mequon, WI 53092
Office: 262 241-1701
Fax: 262 241-1801
Toll Free 866 682-4700
E-mail: info@aereeg.com
www.aereeg.com

PARTNERSHIP

Your physician and Ambulatory EEG Recordings (AER) have come together to provide quality, convenient, cost effective, EEG services in the your area. Local access to these services minimizes the need to travel to major metropolitan areas or to be admitted as an inpatient to epilepsy care centers for evaluation. AER 's Medical Director is a nationally recognized epileptologist and EEG expert and AER employs only board registered technologists.

WHY AN EEG?

A physician will typically order an EEG when a patient experiences a seizure or a spell, when there is an unclear diagnosis or has questions regarding the elimination of medications. The frequency of seizures in the general population is quite high (1 in 10). The success of medical intervention for the treatment of seizures has been successful, but 35% of individuals experiencing seizures have failed to achieve seizure freedom.

SCHEDULING AN APPOINTMENT

Routine EEG's and **Extended EEG's** ordered will be faxed to AER's office. AER scheduling personnel will contact you within 2 days to establish a convenient time for you to have the study done. The study can still be set-up locally at a clinic or your residence.

PREPARATION FOR AN EEG

Prior to your EEG, it is important that your hair be very clean, having used no conditioners, sprays or gels. For extended studies you should also wear a blouse or shirt that buttons or zip-

pers so that you do not have pull anything over your head.

ROUTINE EEG

A routine EEG may be ordered for you. With a routine EEG, we will apply 21 electrodes to your scalp. The electrodes will plug into a computer that will monitor your brain waves for a short period of time. The entire procedure will take about an hour to an hour and a half. The procedure is not painful, but you will be required to be still.

EXTENDED AMBULATORY EEG

Your physician may require more information than a routine EEG may be able to provide. It can be difficult to capture an "event" during the short time period of a routine EEG, as seizures and spells are often intermittent in nature. 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. Extended EEG's may be done as an overnight study or until an event occurs. Physicians will typically order studies as overnight, 24 hours, 48 hours, 72 hours, 7 days or until an event occurs.

EXTENDED VIDEO EEG STUDY'S

Sometimes your physician will request a video EEG study. A video EEG study uses a camera as well as the EEG computer. This allows the reading physician to see how the patient presents by synchronized monitoring of both the patients' brainwaves and physical activity.

With extended studies, you will be set-up with the equipment in the same manner described previously, we will bandage your head and send you

home with a small computer which you will wear around your waist. You will be able to move around your residence or in some cases go to work, but your activity should not be too physical. The technologist will provide you with directions on how to disconnect yourself from the equipment and how the equipment should be returned. For those patients with studies that will run longer than 3 days, we will need to make arrangements with you, so that we may check the electrodes to be sure that they have remained properly attached to your scalp.

WHAT HAPPENS TO THE DATA?

The data from your study will be either sent to your physician to read, be read by another physician or our medical director at your physicians' request. Data typically will be transported to the reading physician within 48-72 hours after you are disconnected from the equipment. Your physician may read the study once received or just prior to your next visit. The study will take approximately 2-3 days to complete if it is read by AER's medical director. If read by AER's medical director, a copy will be faxed to your physician once read and transcribed, with a hard copy to follow by mail.

BILLING

You may receive either one or two bills for the performance of the study and for the reading of the study. You will always receive a bill from AER for performing the study. You will also receive a bill from the reading physician. If your physician requests that AER's medical director read the study, this will be listed on AER's bill and you will only receive one bill for the entire study.