



What is an EEG?

An EEG (Electroencephalogram) is a test used to evaluate electrical activity in the brain. It helps doctors view brainwaves (or electrical impulses) and detect abnormal patterns that may indicate seizures and other neurological problems. This pamphlet is a review of the various EEG services available at Minnesota Epilepsy Group



What types of EEG services are available?

This pamphlet reviews three types of EEG services: **Ambulatory, overnight suite, and inpatient admission**

NOTE: Ambulatory EEGs are set-up to allow patients to be mobile. Initial set-up and takedown will take place in the clinic. Patients are expected to describe and record all events in their EEG log. For non-emergent issues during the Ambulatory EEG recording, patients can contact MN Epilepsy Group during office hours at (651) 241-5290. For emergencies, please call 911

Which type of EEG service would I need?

The appropriate EEG service is determined by a MN Epilepsy Group doctor based on your clinical needs

Contact Us



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Providing the highest level of comprehensive epilepsy care to patients throughout their lifetime.

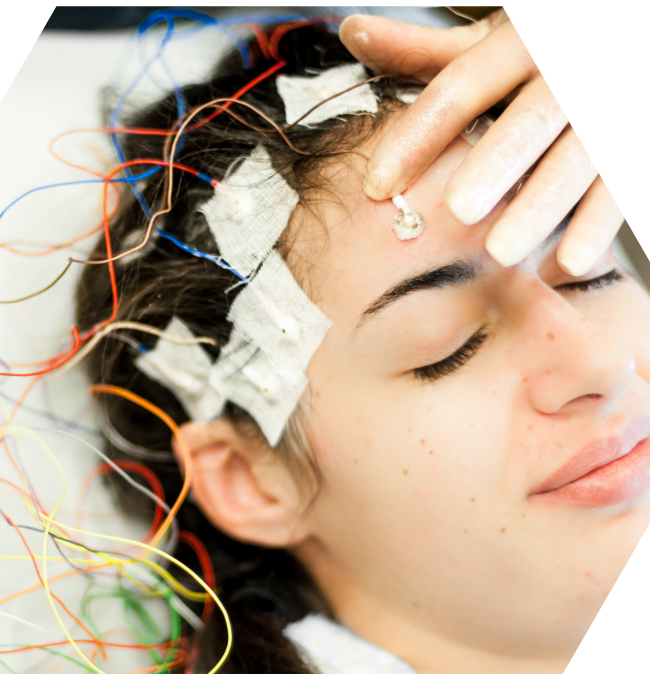
What should I expect during and after the EEG recording?

During:

- During the EEG recording, technologists will begin by obtaining relevant medical history
- After the EEG technologist has gathered the appropriate information, they will measure your head and apply EEG wires to the surface of your scalp based on these measurements

After:

- After the recording, the EEG technologist will remove the wires and answer any technical questions before you leave
- The MN Epilepsy Group doctor will review the recording and contact you to discuss the results



Overnight suite:

Location

- Overnight suite in Roseville clinic

Duration

- Check-in and check-out times will be tailored to the patient's clinical needs and determined by the MN Epilepsy Group doctor

Expectations

- EEG technologists are on-site throughout the duration of the study
- Patients are required to come with their rescue medications
- Patients **must be accompanied by an adult** guest who will stay with them throughout the duration of the study
- For non-emergent issues during the EEG recording, patients can contact MN Epilepsy Group at (651) 241-5290
- **For emergencies, please call 911**

Inpatient admission:

Location

- Abbott Northwestern Hospital
- Children's Minnesota - Minneapolis

Duration

- Check-in and check-out times will be tailored to the patient's clinical needs and determined by the MN Epilepsy Group doctor

Expectations

- Hospital staff will be on-site including EEG technicians, nurses, and doctors
- Hospital staff will handle emergent issues

How should I prepare for the EEG study?

- Take all prescribed medications as normal
- Bring all prescribed rescue medication for your procedure
- Shower the morning of the study and arrive with clean, dry hair
- Avoid using oils, hair gels, hair sprays, or any hair extensions that prevent access to the scalp. If you have any concerns about if your hairstyle interferes with the EEG recording please give us a call at (651) 241-5290
- Wear comfortable clothing that has buttons, zippers, or snaps and can be easily removed without disturbing the electrodes
- For best test results during a clinic visit, we prefer the patient to fall asleep during the EEG
- You can bring a blanket, stuffed animal or anything that will help you sleep and feel more comfortable during the study. Infants can be fed prior to the procedure if it helps them sleep
- You will need to lay still while the EEG wires are being placed and during the EEG study. If your child is non-compliant, we may need to hold them down with parents assistance or the use of a papoose board
- During the EEG study, we perform 5 minutes of Deep Breathing and Photic Stimulation (flashing lights). Exceptions will be made if you are unable to perform these tasks