



NATIONWIDE CHILDREN'S

When your child needs a hospital, everything matters.®

PATIENT IDENTIFICATION

PREPARING FOR YOUR VISIT

Nationwide Children's Hospital

Epilepsy Monitoring Unit

Long-Term Video EEG Monitoring

Your appointment is on _____ at _____ am/pm.

Please GO TO ADMITTING on the first floor of the Main hospital to register.

One parent or other adult over 18 years must stay with your child. No one under 18 years is permitted to stay overnight. If you must cancel your appointments, please call 722-8805 at least 24 hours in advance.

Preparing for Long-Term Monitoring at Nationwide Children's Hospital

What is Long-Term Monitoring (LTM)?

An electroencephalogram (EEG) is a painless test that measures the electrical activity of the brain using electrodes placed on the scalp. An LTM is continuous EEG monitoring with audio and video recording at the same time. When your child has an episode, the Neurologist will be able to see your child's brainwaves, movements and behavior at the time your child is having an event. Most commonly, a LTM will last 1-5 days. Your child's Neurologist will talk to you about how long your child will be in the hospital.

The LTM will help the Neurologist decide if the events you are seeing are seizures. This will help the doctor to know the type of seizures and the best treatment. The LTM may be able to find the area in the brain responsible for your child's seizures.

How is the LTM performed?

EEG leads will be placed on your child's head. Your child will have a private room to complete the LTM video recording. Your child will be permitted to carry on with daily routines and activities as much as possible.

To assure that all events are seen by the Neurologist, you must push the button each time your child has an event. Press the button if you are concerned about any unusual behavior or movement.

If your child has an event, tell your nurse right away. Remember to push the button and make a note in your log book for all events you are concerned could be a seizure.

After the LTM, the electrodes are removed with a special remover, which dissolves the glue but leaves hair and skin intact. Occasionally, other tests may be requested before your child is discharged.

How do I prepare my child for LTM?

Wash your child's hair the night before or morning of admission. Do not use conditioner or styling products as they may keep the EEG leads from sticking. Continue giving your child prescribed medicine unless the doctor gives you other instructions.

What should I bring to the hospital?

Bring any medicine your child is taking at home. Please bring it in its original container, as your doctor or nurse may want to see the bottles. This helps us make sure your child receives the right medicine. For safety reasons, Nationwide Children's Hospital does not allow medicines from home to be used in the hospital. In most cases, you will be asked to take your child's medicines home after they are checked in.

Bring any special equipment (helmet, wheelchair, etc.) that your child uses at home.

Hospital gowns or pajamas will be provided.

What happens during the hospital stay?

If your child takes seizure medication, it may be stopped or the dosage changed so that seizures can occur. If your child has a seizure, medication may be given to your child to stop the seizure. Your child's doctor will discuss medication changes with you.

Your child may need to have an IV placed or have tests like blood work or an MRI (magnetic resonance imaging) scan. These will be explained to you if needed.

Your child may be asked to do things that may cause an event, such as sleep deprivation, breathing in and out fast or flashing lights.

Cell phones and plug-in video games may cause interference with LTM equipment. If there are interference cell phones may be used in the hospital lobbies.

Your child's meals are provided but you and other family members must provide your own meals. For your use, our kitchen has a refrigerator and microwave. Family member of guests can order room service meals by purchasing a \$5 guest tray card from the hospital cafeteria, Food 4 Thought, Clementine's or the Magic Bean Cafe.

Do I have to stay with my child?

During the LTM, a parent or other adult must stay with your child at all times so that all episodes are caught and the Neurologist can review them later.

Due to space limitations, the pull-out couch has room for just one parent or other adult over 18 years of age. For your safety, we ask you not to sleep in areas such as lobbies or hallways.

The staff will try to give you short breaks so you may shower or get food. Please tell your nurse when you will need to leave and about how long you will be gone. When a nurse or PCA is available, they will stay with your child while you are away.