

What Is Intensive Monitoring?

Intensive monitoring is a continuous EEG recording. It is done on the ward in the hospital. During the monitoring, your child will be videotaped.

Intensive monitoring can be done for a period of time varying from overnight to 5 days. The length of the recording depends on the reason for monitoring. In some cases, monitoring is done to record the EEG during a night's sleep; in other cases monitoring is done to capture seizures or "events".

How Can My Child and I Prepare for Intensive Monitoring?

You and your child will be spending the entire monitoring time in a room on the hospital ward. Your child will be confined to bed for the time of monitoring. Your child can leave the bed to use the bathroom where there is no camera.



Bring activities that you and your child can do while he/she is in bed. The room has a DVD player and a television. Your child can play with computer games as long as they are battery operated.

Your child cannot bath or shower during the monitoring time. Make sure that all tops either button or zip up the front (nothing can be pulled over the head).

Make sure your child's hair is washed and dried the day before the monitoring.

An adult must be with your child at all times. If your child has "events" or seizures during the night, you will be required to stay awake and observe them while they sleep. Try to make arrangements to share the observing with other family members as this is not something the nurses can do for you.

Follow your physician's instructions for medications.

There is a video that describes the monitoring process. It is available from the Neurology Clinic. We strongly recommend that you borrow this video and watch it with your child before coming for monitoring.

What Happens at the Hospital?

Your child will be set up in the EEG department where the electrodes are applied with glue. The electrodes are covered with a hat (similar to a bathing cap). **Your child must wear this hat at all times during the monitoring.**



The entire set-up will take about 1 – 1½ hours.

The technologist will ask you why your child is being monitored. She will ask you for details about your child's "events" or seizures.

Once the electrodes are applied to your child's head, they are attached to a small box. The box is put into a backpack that your child will wear or carry with him/her at all times during the monitoring.

You are then taken to Ward 3R, Room 5 or 6. This room has a camera, microphone, and special lighting for monitoring.

The box in the backpack is attached to a long cable that plugs into the computer. The cable is long enough to allow your child to walk to the bathroom.

The technologist will carefully review what you need to know about the equipment and what you will be required to do while your child is being monitored. When your child has an "event" or seizure, it will be your responsibility to press a button, test your child, and describe out loud what your child is doing.

Someone in the EEG department will be here during the day if you have any problems or questions.

What Happens When the Intensive Monitoring is Finished?

The electrodes will be removed with a special solution. If the electrodes have been on for more than one day, your child might have some sore spots where the electrodes were sitting.

Check with the nursing staff before you shower/bath your child. Your child may need to stay in bed if there has been a change in his/her medication.

When Will I Know the Results of the Test?

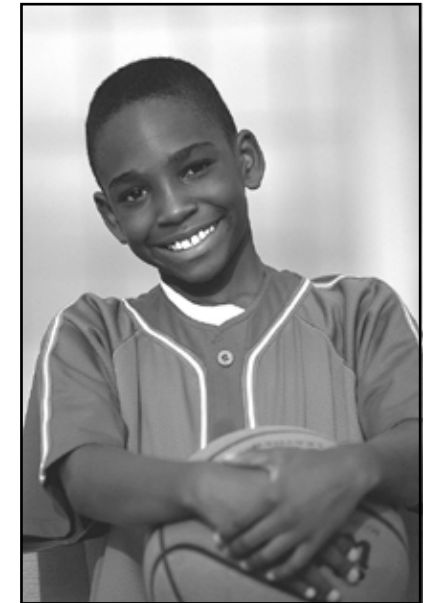
The results of your monitoring will be given to you by your doctor after all of the data has been analyzed.

**Contact the EEG Department:
Area 1B10
604-875-2124.**

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