

596 Davis Drive Newmarket, ON L3Y 2P9

**Neurology Laboratories** 

Health Record #:		Complete or place barcoded	
Patient Name: (Print first, last)	patient label her	е	
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### What is an EEG (Electroencephalography)?

An EEG is a diagnostic test that gives important information about the health and functioning of the brain. It is comfortable, safe and painless.

# Who performs the EEG?

An EEG is performed by an EEG Technologist who has completed a training program approved by the Canadian Board of Registered Neurophysiology Technologists.

## What is a sleep deprived EEG?

It is an EEG in which the patient stays up all or part of the night before the test. Details of this EEG will be given when you appointment is made.

The EEG Technologist will:

- 1. Prepare the patient for the procedure.
- 2. Operate the machine.
- 3. Prepare data for the electroencephalographer (a physician who interprets EEGs).

## How is the EEG performed?

- 1. A brief medical history will be optained.
- 2. The Technologist will measure your head and have you lie down on a stretcher.
- 3. Small gold-silver plated disks will be applied to your scalp with water-soluble clear paste.
- 4. You will be asked to be still and relaxed; you will feel nothing.
- 5. The actual recording takes approximately 30 minutes. The technologist ask for you to breathe deeply for three (3) minutes; this may cause some tingling in your extremities and some mild dizziness. This is a normal reaction and will pass after deep breathing is over.
- 6. A flashing light will be placed in front of your closed eyes. You may see different designs, colours, etc.
- 7. You should allow approximately 60 minutes to complete the EEG.
- 8. A normal schedule may be resumed after the test unless the Technologist informs you differently.

# **Preparation for routine EEG**

- You must have clean and dry hair free of any hair styling products (i.e., gel, mousse, and hairspray)
- You can eat breakfast or lunch prior to test.
- Please do not consume any alcohol or caffeine.

#### **Preparation for Adult sleep deprived EEG**

- You must stay awake 24 hours prior to test.
- You must not consume alcohol or caffeine during this period and should eat a normal breakfast.
- You should also not play video games or work on the computer during this time.
- You may watch television.
- It is recommended that you have someone drive you to and from the test.
- You must have clear and dry hair free of any hair styling products (i.e., gel, mousse, and hairspray).
- It is advised that you return home to sleep after the EEG is completed.