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**Neurology**

– Purified Neuro Toxin Treatment

**Nuclear Medicine**

– Cerebral SPECT

**Adelaide NeuroDiagnostics**

Provider No. 4247637H

**Neurophysiology**

– EEG

– Nerve Conduction Study

– Video Telemetry

## EEG Test Information

An EEG (Electroencephalogram) is a harmless and painless procedure that records the electrical activity of the brain. It involves placing small electrodes on the scalp with the entire procedure lasting approximately 45 minutes to an hour in duration.

### EEG set up

1. The test will involve measurement of the head
2. Placement of a cap (fitted with electrodes)
3. Filling each electrode with a water soluble gel

### The EEG procedure

1. Resting Phase - The patient will be asked to open and close their eyes, before resting quietly with eyes closed for 10 minutes.
2. Hyperventilation - The patient will then be asked to take deep breathes in and out through the mouth for 3 minutes.
3. Photic Stimulation - Flashing lights will be shown to the patient as they are asked to open and close their eyes.
4. The test takes 20 minutes or longer.
5. The test requirements can be altered depending on the abilities of the patient and medical history

### EEG Preparation

1. Wash and dry your hair either the morning of the test or the night before
2. Only use shampoo and not conditioner in your hair
3. Make sure your hair is free from gels, oils, wax, hairspray and any other hair product
4. Medications should be taken as normal, unless indicated by your doctor

**All Appointments Phone 08 8267 5547**

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