



Perth
Neurophysiology

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PATIENT DETAILS

Name DOB

Phone (H) (W)

REFERRAL FOR

1. EMG and nerve conduction studies:
2. EEG (Electroencephalography): standard sleep deprived

CLINICAL HISTORY

REFERRING DOCTOR

Signature: Date:

Copy to:

URGENT REPORT

FAXED EMAIL

APPOINTMENT DETAILS

Date:

Time:

Address: 56 Churchill Ave
Subiaco WA 6008

Telephone: (08) 9388 0600



What is an EMG?

An EMG can be helpful in evaluating weakness, numbness and pain. The test takes about 20 minutes and is in two parts.

Nerve Conduction Studies

The doctor tapes small discs on the skin and applies a brief electrical stimulus causing a tingling sensation. The electrical response of the nerve or muscle can determine if the nerve impulse is conducted normally, or abnormally, suggesting damage to the nerve.

EMG

The doctor analyses the electrical activity in the muscles by inserting a fine needle electrode. Any discomfort felt is only mild. The needles are sterile and are discarded after each patient. The doctor can determine whether the muscle is working normally by seeing the electrical activity on a screen and listening over a loud-speaker.

Preparation for the EMG

You should keep the skin free of any lotions or creams on the day of the examination. If you are taking Warfarin, you should tell the doctor before the test.

Results

The results will be analysed after you leave and a report is then sent to the doctor, who will discuss the results with you at your next appointment.

What is an EEG?

An EEG is a recording of the electrical activity of the brain, and may be useful to diagnose epilepsy, and other neurological disorders. Small discs are placed on the surface of the scalp and no discomfort is felt. The EEG takes about an hour to complete. During most of the test you will relax in a comfortable position on a couch with your eyes closed. The technician may ask you to open and close your eyes at various times, breath deeply for a few minutes and to look at a flashing light.

Preparation for the EEG

- Your hair should be clean and free from hair spray, gel etc...
- You should eat prior to the test and take medications as usual.
- In view of the preparation required for the test, there will be a cancellation fee for missed EEG appointments or if less than 24 hours notice is given.*

For a sleep EEG

- You should have approximately three hours sleep between midnight and 3 am on the night before your EEG, unless instructed otherwise.
- You should avoid stimulants such as coffee, tea, cola for 6 hours prior to the test.
- You should not drink alcohol the night before the test.
- Someone should bring you to and from the test as you will be very tired.

Sleep deprivation may bring on a seizure, therefore epilepsy safety precautions are indicated. It is very important that a friend or family member should bring you to and from the test (as you cannot drive a car when sleep deprived), and should stay with you throughout the day following the test.