

Electromyogram (EMG)

An electromyogram is an electrodiagnostic procedure to examine your nerves and muscles. It is normally a two-part procedure consisting of nerve conductive studies and an electromyogram (EMG), electrical muscle testing.

Nerve Conduction Studies

Nerve conduction studies are performed by taping metal electrodes on the skin, which send small electrical shocks. Although this produces a surprising sensation, it is not considered painful. Measurement is then recorded of how fast the nerve transmits messages.

Electromyogram

The electrical activity in muscles is tested by inserting a fine needle electrode into the muscle, which picks up the electricity normally present in the muscle allowing for a digital and audible display.

Timing

The time required to complete an EMG study can take between one and three hours. An EMG test for nerve damage to the back or neck is best performed at least three or more weeks after symptoms appear.

Preparation

Do not use lotion or oil prior to the test. Skin must be clean and dry. An EMG test can be performed on patients with pacemakers, stimulators, and blood thinners. Patients taking Coumadin should have a recent protime. You may take prescribed pain medication the day of the test.

Results

The EMG report is forwarded to your referring physician. At that time, your physician will review the EMG results, history, physical examination and other findings to best determine your diagnosis and treatment plan.

Electroencephalogram (EEG)

The EEG is a recording device that tracks your brain's electrical activity by placing electrodes on your scalp. The test is painless, safe and takes approximately one to two hours to complete. The EEG can assist in the diagnosis of a variety of neurological problems, from the common headache to seizure disorders, strokes and degenerative brain disease.

EEG Instructions

You have been scheduled for an electroencephalogram (EEG). Please read the following instructions prior to your appointment.

1. Hair must be freshly washed, clean and dry within 12 hours of the test.
2. No hair products in your hair. Do not braid your hair.
3. You must eat within two hours of your appointment. For example, if your appointment is at 9am, please eat between 7am and 9am. If your appointment is later in the day, please eat a snack before your appointment.
4. DO NOT drink/eat any caffeine the day of your test (coffee, tea, chocolate, colas).
5. Be ON TIME for your appointment. Your EEG test will take place at the Neurology Department at the Medical Center Clinic.
6. If you are unable to make your appointment, please contact our office at 850-474-8353.

Videoelectronystagmography (VENG)

The VENG procedure has been ordered by your physician to evaluate dizziness. The test takes approximately one hour. Please review and be prepared for the following:

24 to 48 hours prior to test:

- Avoid caffeine.
- Avoid alcohol.

Day of test:

- Limit food intake (you may have a light breakfast).
- Wear comfortable clothing.
- No moisturizer on face or eyes.
- No make-up on face or eyes.
- No glasses or contacts during testing.
- You MUST have someone drive you home (no driving for 24 hours after testing).
- Discuss your current medications with your physician. Some medications affect the outcome of the VENG, such as: meclizine, scopolamine, etc.

DO NOT STOP TAKING ANY MEDICATIONS WITHOUT YOUR PHYSICIAN'S APPROVAL.

Possible side effects

Headache, nausea, dizziness and vomiting.

Notify your VENG Technician prior to testing if you have/had:

- Recent surgery on ear, eye or face area(s).
- Recent surgery on face or head area(s).
- Any abnormalities in your tympanic membrane.
- Open wounds or stitches on head or face area(s).
- Difficulty laying on back, moving neck or sitting for more than 30 minutes.

For additional questions or concerns, please contact 850-474-8353 or 1-800-874-4542 ext. 3500.



Things you need to know

EMG, EEG, & VENG

MAP & DIRECTIONS



From I-10 (East or West), take Exit 13. Turn right onto North Davis Highway (291 North). Travel one mile to Medical Center Clinic.

For further questions or concerns, please contact us at any of the following extensions.

EMG: 800.874.4542 ext. 3500

EEG & VENG: 800.874.4542 ext. 8353

Fax: 850.474.8504

Medical Center Clinic

Department of Neurology

Ruth Henchey, MD

Jorge Pelaez, MD

Roman Kesler, DO

Appointment Time

Date: _____

Time: _____

