

## DESCRIPTIONS OF TESTS IN OFFICE

### **EEG**

An EEG (Electroencephalogram) is a recording of the electrical activity of the brain. The technologist will measure & mark the patient's head to insure symmetrical placement of the electrodes. Then 22 small metal disks (electrodes) are pasted to the patient's scalp. The electrodes pick up the electrical activity of the brain. The EEG is a painless procedure, which usually takes 1 hour. During the test the patient may be asked to hyperventilate (breathing through the mouth deeper and faster than normal). A strobe light, flashing at different speeds may be shown to the patient for a brief time.

### **EMG**

An EMG (Electromyography) is a recording of the electrical activity of the muscle. The electrical impulses are picked up by needle electrodes, which are inserted into the muscle. Recordings are usually obtained while the muscle is relaxed and during voluntary contraction. Nerve conduction velocities test the amount of time it takes an electrical impulse to travel along a nerve. A small electrical current is applied to the skin overlaying a nerve or nerves on the arms or legs. EMG with Nerve Conduction Study is useful in diagnosing disorders of the nerves supplying the muscle and in disorders affecting the muscle. This test takes approximately 45 minutes to an hour.

### **AEEG**

An A-EEG (Ambulatory Electroencephalogram) is a recording of the electrical activity in the brain that is recorded overnight. The technologist will measure and mark the patient's head to insure symmetrical placement of the electrodes. Then 28 small metal disks (electrodes) are glued to the patient's scalp. The wires extending from the electrodes are attached to a portable unit. This will be worn home for one or two nights. The patient will return on the designated morning to have the AEEG removed.

### **CUS**

(Carotid Ultrasound) The technologist will place a probe on the side of your neck, which will transmit ultrasonic waves through your neck. This will allow the doctor to look at your carotid arteries. This test is painless.

### **TCD**

(Transcranial Ultrasound) The technologist will place a probe on the side of your head, which will transmit ultrasonic waves through your brain. This will allow the doctor to look at different blood vessels in your brain. This test is painless.



Patient Name: \_\_\_\_\_ Scheduling (937) 224-8200

\*\*\*CANCELLATIONS MADE LESS THAN 24 HOURS NOTICE WILL BE CHARGED UP TO \$100 CANCELLATION FEE\*\*\*

EEG: Date: \_\_\_\_\_ Time: \_\_\_\_\_ This test takes 60 minutes.

**Your results will not be available for 2 weeks for the EEG. If you do not receive a call from the office, there is nothing of major concern on your testing at this time. The doctor will review everything with you at your follow up. Results are unable to be discussed in detail over the phone.**

EEG PREP:

1. Have clean dry hair with no oil, lotions or hair spray.
2. No hair extensions, braids, or hair clips of any kind.
3. Eat a meal or snack before you come in.
4. No caffeine 24 hours prior to test (water, juice, or milk only)
5. Take medications as normal.
6. Sleep deprivation – the day before the procedure, stay awake until Midnight, then awake at 5:00am. Stay awake until the test is started.
7. Do not wear make up the day of testing.
8. Do not wear perfumes, colognes, or body sprays.

A-EEG: Date: \_\_\_\_\_ Time: \_\_\_\_\_ Disconnect Date: \_\_\_\_\_ Time: \_\_\_\_\_

This initial appointment takes 1 hour to 1 hour 30 minutes. The disconnect takes 15- 20 minutes.

**Your results will not be available for 2 weeks for the AEEG. If you do not receive a call from the office, there is nothing of major concern on your testing at this time. The doctor will review everything with you at your follow up. Results are unable to be discussed in detail over the phone.**

A-EEG PREP:

1. Have clean, dry hair with no oil, lotions or hair spray.
2. Wear a button up shirt; no pull over shirts.
3. No hair extensions, braids, or hair clips of any kind.
4. Do not wear perfumes, colognes, or body sprays.

EMG & NERVE CONDUCTION STUDY: Date: \_\_\_\_\_ Time: \_\_\_\_\_ This test takes 45 minutes to an hour.

EMG PREP:

1. No lotions or oils of any kind on arms or legs.
2. Do not wear perfumes, colognes, or body sprays.

**Your results will not be available for 1 week for the EMG. If you do not receive a call from the office, there is nothing of major concern on your testing at this time. The doctor will review everything with you at your follow up. Results are unable to be discussed in detail over the phone.**

CUS: Date: \_\_\_\_\_ Time: \_\_\_\_\_ This test takes 30 minutes.

CUS (Carotid Ultrasound) Prep: Do not wear high-collared shirts, turtlenecks, make-up, perfumes, colognes, or body sprays.

TCD: Date: \_\_\_\_\_ Time: \_\_\_\_\_ This test takes 30 minutes.

TCD (Transcranial Doppler) Prep: Do not wear any contact lenses; Do not wear any make-up, perfumes, colognes, or body sprays.

**Your results will not be available for 1 week for these ultrasounds. If you do not receive a call from the office, there is nothing of major concern on your testing at this time. The doctor will review everything with you at your follow up. Results are unable to be discussed in detail over the phone.**

YOUR FOLLOW UP IS : Date: \_\_\_\_\_ Time: \_\_\_\_\_ Location: \_\_\_\_\_

**YOUR PHYSICIAN WILL DISCUSS ALL TEST RESULTS IN DETAIL AT YOUR FOLLOW UP. THIS INCLUDES ANY OUTSIDE TESTING, SUCH AS MRI'S AND CT SCANS WHICH WILL NOT BE AVAILABLE FOR THE PHYSICIAN TO REVIEW UNTIL 1 WEEK FROM YOUR TESTING DATE. PLEASE BE ADVISED THAT TEST RESULTS CAN NOT BE DISCUSSED IN DETAIL OVER THE PHONE. SHOULD YOU HAVE ANY ABNORMAL TESTING THAT THE PHYSICIAN FEELS YOU SHOULD BE SEEN SOONER FOR, WE WILL CALL TO MOVE YOUR APPOINTMENT UP. OTHERWISE ALL TEST RESULTS WILL BE REVIEWED AT YOUR FOLLOW UP.**

*See reverse side for test descriptions*