



Campbell County Memorial Hospital

CAMPBELL COUNTY HEALTH

CARDIOPULMONARY

Electroencephalogram (EEG)

What is done during an EEG?

This is the primary main diagnostic test for epilepsy/seizures. An EEG may also play a role in diagnosing other brain disorders such as brain injury, stroke, sleep disorders, or dementia. You'll feel little or no discomfort during an EEG. The electrodes don't transmit any sensations. They just record your brain waves.

A technician measures your head and marks your scalp with a marker, to indicate where to attach the electrodes. Those spots on your scalp will be scrubbed with a gritty cream to improve the quality of the recording. A technician attaches flat metal discs (electrodes) to your scalp using a special adhesive.

How long will it take?

Once the electrodes are in place, an EEG typically takes up to 30-60 minutes. You relax in a comfortable position with your eyes closed during the test. Video is frequently recorded during the EEG. Your body motions are captured by a video camera while the EEG simultaneously records your brain waves. This combined recording may help your doctor diagnose and treat your condition.

Patient Directions:

- Wash your hair the night before or the day of the test. Don't use any conditioners, hair creams, sprays, or styling gels. Hair products can make it harder for the electrodes to adhere to your scalp. Please make sure hair is completely dry when you arrive for the test.
- Avoid anything with caffeine on the day of the test, because caffeine can affect the test results.
- Take your usual medications unless instructed otherwise.
- If you're supposed to sleep during your EEG test, your doctor may ask you to sleep less or even avoid sleep entirely the night before your EEG.

How do you schedule your test?

Cardiopulmonary services require an order to perform outpatient procedures. Please contact Cardiopulmonary Services at 307-688-2301 for questions regarding outpatient procedures or the steps to have your physician order your needed procedure; or visit www.cchwyo.org/CPS.

On the day of your scheduled test

Report to Patient Access/Registration on the first floor of Campbell County Memorial Hospital, 501 S. Burma Avenue, 20 to 30 minutes before your scheduled appointment to be checked in and registered. You will then be directed to the Cardiopulmonary Services Department on the Second Floor, North of the hospital.

Campbell County Memorial Hospital's Cardiopulmonary Services (CPS) Department strives to be your first choice for Cardiopulmonary Services by providing superior quality testing, procedures, and outstanding customer service.

For questions, please contact CPS at 307-688-2301.