

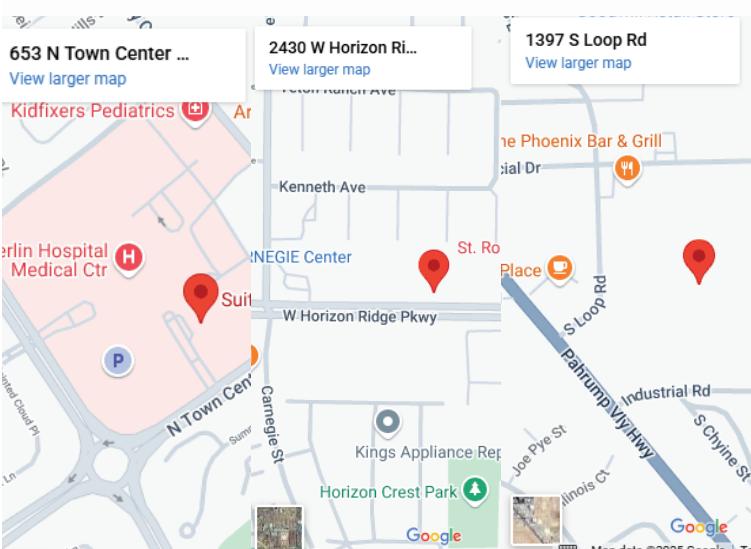


Design by Freepik
<https://www.freepik.com/>

The providers at **Neurology Center of Nevada** and staff are trained to diagnose and treat all Neurological conditions listed below. Our specialists also diagnose the causes of Neuropathy (tingling and numbness) and offer several treatments to overcome or reduce the severity of symptoms. We also focus on chronic migraine headaches as well as treatment of Obstructive Sleep Apnea; a seemingly benign problem that can have serious medical complications. Our physicians perform Occipital Nerve Blocks for headaches or occipital neuralgia and other neurologic disorders. They are also trained to perform Botox treatment for spasmody torticollis, spasticity due to stroke.

CONDITIONS WE TREAT

- => Neck Pain
- => Tremors
- => Sleep Study/CPAP
- => Parkinsons
- => Dizziness
- => Restless Leg Syndrome
- => Seizures
- => Stroke
- => Numbness
- => Tourettes
- => Hospital F/U
- => Abnormal Movements
- => Memory Loss
- => Syncope
- => Botox
- => Dystonia
- => Back Pain
- => Spasticity
- => ENG
- => EEG/Digitrace
- => Occipital Nerve Block
- => Neuropsychological Testing
- => Myasthenia Gravis



EEG/EMG

Electroencephalogram (EEG):

The EEG is a recording of the on-going electrical activity of the brain. An EEG can assist in the diagnosis of a variety of neurological problems-from common headaches and dizziness to seizure disorders, strokes and degenerative brain disease. The EEG is also used to determine organic causes of psychiatric symptoms and disabilities in children.

Sleep-Deprived EEG:

This test is similar to a regular EEG, as described above, except that you will be asked to stay awake for half the night prior to your exam time. Children under the age of 12 who take this test are asked to remain awake from midnight until exam time.

Ambulatory EEG:

This test is similar to a regular EEG, as described above, except that the monitoring takes place over an extended period of time and in the comfort of your home.

Overnight Video EEG / Long Term Monitoring (LTM):

LTM An overnight video EEG is a prolonged EEG study where a video recording is taken at the same time accompanied by continuous video monitoring, which can record both the clinical events and EEG recording to aid in the diagnosis of seizures and other neurological disorders. You will have electrodes placed with a water-soluble paste and be monitored during the afternoon and into the evening.

Electromyography (EMG) & Nerve Conduction Studies

Electromyography (EMG) and nerve conduction studies are used to assess the health of the muscles and the nerves controlling the muscles. These studies measure and record electrical activity from the muscles and nerves. They are most often used to assess symptoms of pain, numbness, tingling, or weakness.

Part of the study may involve small needles that are inserted into the muscle. Mild electrical shocks are given to stimulate the nerve. You may experience some discomfort during the tests, but they generally are not painful. These tests take less than one hour.

Deep Brain Stimulation (DBS)

Deep brain stimulation (DBS) is a surgical procedure that treats neurological disorders like Parkinson's disease, essential tremor, dystonia, and epilepsy. DBS involves implanting electrodes in the brain that deliver electrical pulse to target areas to disrupt abnormal brain signals. DBS can improve quality of life and reduce the need for medications.

Botox:

- => Migraines
- => Hemifacial Spasm
- => Dystonia
- => Excessive Salivation
- => Spasticity
- => Blepharospasm

SLEEP STUDIES

POLYSOMNOGRAM (PSG):

Overnight study where electrodes are placed to monitor continuous recordings of brain waves, electrical activity of muscles, eye movement, respiratory rate, blood pressure, blood oxygen saturation, and heart rhythm.

CPAP TITRATION:

Overnight study where patients are fitted with a mask that is attached to a cpap/bipap machine. A technician adjusts the machine to varying levels of pressure/airflow to determine the level at which the patient's snoring, apnea events, and/or arousals are

Sleep Apnea:

A serious, potentially life threatening disease characterized by brief interruptions of breathing during sleep. The pause between breathes can last 10 to 20 seconds and occur hundreds of times per night.

Forms of Sleep Apnea

OBSTRUCTIVE SLEEP APNEA:

A condition that occurs when your throat muscles intermittently relax and block your airway during sleep. It is the most common form of sleep apnea.

CENTRAL SLEEP APNEA:

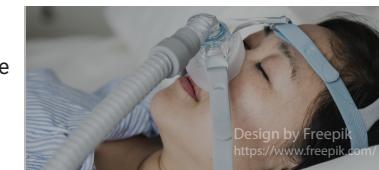
A disorder in which your breathing repeatedly stops and starts during sleep due to lack of respiratory effort. Central sleep apnea occurs when your brain doesn't send proper signals to the muscles that control your breathing.

COMPLEX SLEEP APNEA:

A combination of obstructive and central sleep apnea.

Untreated Sleep Apnea Leads To:

- => Hypertension
- => Accidents
- => Type 2 Diabetes
- => Sexual Dysfunction
- => Heart Attack
- => Depression
- => Stroke
- => Congestive Heart Failure
- => Obesity
- => Memory Loss



Design by Freepik
<https://www.freepik.com/>