### Location and Contact Information
Northeastern Nevada Regional Hospital  
2001 Errecart Boulevard, Third Floor  
Elko, Nevada 89801  
Phone: 775-748-2195  
Fax: 775-748-2197

### Clinic hours
Mon, Wed, Thurs, 8:30 am – 5 pm  
Friday, Closed  
Closed daily from 12PM – 1 pm  
Closed on weekends and holidays

**Registration:**
You will need to register in the Admitting Department on the first floor of the hospital prior to your visit; **please arrive 45 minutes early for the registration process.**

**Overview:**
Electromyography (EMG) measures the electrical impulses of muscles at rest and during contraction. Nerve conduction studies (NCS) determine how well individual nerves can transmit electrical signals. Nerves control the muscles in the body using electrical impulses, and these impulses make the muscles react in specific ways. Nerve and muscle disorders cause the muscles to react in abnormal ways.

Measuring the electrical activity in muscles and nerves can help detect the presence, location, and extent of diseases that can damage muscle tissue or nerves. In the case of nerve injury, the actual site of nerve damage can often be located. EMG and nerve conduction studies are usually done together to provide more complete information.

**How to Prepare**
You do not need to restrict your food or fluids. Do not smoke for at least 3 hours before the test. Wear loose-fitting clothing that permits access to the muscles and nerves to be tested.

**The Exam**
A nurse will record your vital signs and go over all of your medications with you. The physician will review the health questionnaire with you. You may be asked to undress and put on a gown in the privacy of the exam room. You will be asked to lie on a table or bed or sit in a reclining chair so that the muscles being tested are relaxed and easy to reach.

**EMG:** The skin over the areas to be tested will be cleaned with an antiseptic solution. An electrode with a needle for recording is inserted into the specific muscle to be tested and attached by wires to a recording machine. The needle may be repositioned a number of times to record the electrical activity in different areas of the muscle or in different muscles. An EMG may take 45 minutes up to 1 ½ hours, depending on the number of muscles tested. When the testing is completed, the needle and skin electrodes are removed and the skin cleansed.
The Exam Continued:

NCS: Several electrodes are attached to your skin with a special paste. Repeated, brief electrical pulses are administered to the nerve and the speed of the response is recorded. Corresponding nerves on the other side of the body may be studied for comparison. NCS are usually done before an EMG if both tests are being done and may take 15 minutes up to one hour, depending on how many areas of the body are studied. When the testing is completed, the electrodes are removed.

After the examination, the physician will tell you the findings of the study and will send the report to your healthcare provider.

Our Physician

Andrew Geisler M.D.

Dr. Geisler completed his medical school training at Drexel University College of Medicine in Philadelphia, Pennsylvania. Dr. Geisler completed his internship and residency training at Albany Medical Center in Albany, New York, where he served as chief resident of his department of Physical Medicine & Rehabilitation. He specializes in neuromuscular medicine; electrodiagnosis and treatment of spinal and peripheral nerve pathology. Musculoskeletal and occupational medicine. Treatment of spinal disorders; interventional procedures with ultrasound guidance for diagnosis and minimally invasive treatment of common musculoskeletal problems. Botulinum toxin treatments for migraine, spasticity, cerebral palsy, stroke, spinal cord injury, etc. Care of stroke, amputees, brain and spinal cord injuries, including bracing and prosthetic management.

Insurance

EMG and NCS services for the Pain Program are provided by Elko Spine and Rehabilitation Office services and staff are provided by and billed through NNRH. The Pain Program accepts and bills many insurance companies; however, it is your responsibility to contact your insurance company to verify whether or not Elko Spine and Rehabilitation and NNRH are preferred providers and covered under your current policy. If you have any questions regarding billing or insurance, please contact your insurance provider or physicians biller at (775)448-9435 or (775) 448-9421.

If you have any other questions or concerns, please don’t hesitate to contact us. Once again, we thank you for your trust in choosing us to be a part of your healthcare team and we look forward to meeting you!