

Case Number:	CM15-0001868		
Date Assigned:	01/12/2015	Date of Injury:	11/18/2013
Decision Date:	04/21/2015	UR Denial Date:	12/18/2014
Priority:	Standard	Application Received:	01/05/2015

HOW THE IMR FINAL DETERMINATION WAS MADE

MAXIMUS Federal Services sent the complete case file to an expert reviewer. He/she has no affiliation with the employer, employee, providers or the claims administrator. He/she has been in active clinical practice for more than five years and is currently working at least 24 hours a week in active practice. The expert reviewer was selected based on his/her clinical experience, education, background, and expertise in the same or similar specialties that evaluate and/or treat the medical condition and disputed items/Service. He/she is familiar with governing laws and regulations, including the strength of evidence hierarchy that applies to Independent Medical Review determinations.

The Expert Reviewer has the following credentials:
 State(s) of Licensure: New Jersey, Michigan, California
 Certification(s)/Specialty: Neurology, Neuromuscular Medicine

CLINICAL CASE SUMMARY

The expert reviewer developed the following clinical case summary based on a review of the case file, including all medical records:

The injured worker is a 44-year-old male, who sustained an industrial injury on 11/18/2013. He reported lifting hoses onto a truck and feeling a sudden pulling, stretching and popping sensation on his back. The diagnoses have included sprain/strain of the lumbar spine with right lower extremity radiculopathy. Treatment to date has included lumbosacral epidural steroid injection (ESI), physical therapy, aquatic therapy and medication. According to the progress report dated 11/26/2014, the injured worker complained of upper back pain associated with numbness, tingling, limited motion and sleep interruption. He complained of lower back pain radiating to the right lower extremity. He also complained of right leg numbness and tingling associated with weakness and right knee pain with popping. A physical exam was not conducted due to severe pain. The treatment plan included electromyography (EMG)-nerve conduction velocity (NCV) of the lower extremities to confirm findings of radiculopathy.

IMR ISSUES, DECISIONS AND RATIONALES

The Final Determination was based on decisions for the disputed items/services set forth below:

EMG/NCV: Upheld

Claims Administrator guideline: Decision based on MTUS ACOEM Chapter 12 Low Back Complaints Page(s): 303.

MAXIMUS guideline: Decision based on MTUS ACOEM Chapter 12 Low Back Complaints
Page(s): 303.

Decision rationale: According to MTUS guidelines (MTUS page 303 from ACOEM guidelines), "Electromyography (EMG), including H-reflex tests, may be useful to identify subtle, focal neurologic dysfunction in patients with low back symptoms lasting more than three or four weeks." EMG has excellent ability to identify abnormalities related to disc protrusion (MTUS page 304 from ACOEM guidelines). According to MTUS guidelines, needle EMG study helps identify subtle neurological focal dysfunction in patients with neck and arm symptoms. When the neurologic examination is less clear, however, further physiologic evidence of nerve dysfunction can be obtained before ordering an imaging study Electromyography (EMG), and nerve conduction velocities (NCV), including H-reflex tests, may help identify subtle focal neurologic dysfunction in patients with neck or arm symptoms, or both, lasting more than three or four weeks (page 178). EMG is indicated to clarify nerve dysfunction in case of suspected disc herniation (page 182). EMG is useful to identify physiological insult and anatomical defect in case of neck pain (page 179). Although the patient developed low back pain, there is no clear evidence that the patient developed peripheral nerve dysfunction or nerve root dysfunction. MTUS guidelines do not recommend EMG/NCV without signs of radiculopathy or nerve dysfunction. Therefore, the request for EMG/NCV study of the bilateral lower extremities is not medically necessary.