

Case Number:	CM14-0104473		
Date Assigned:	07/30/2014	Date of Injury:	02/23/2010
Decision Date:	01/27/2015	UR Denial Date:	07/02/2014
Priority:	Standard	Application Received:	07/07/2014

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. The expert reviewer is Board Certified in Family Practice, and is licensed to practice in North Carolina. 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/services. He/she is familiar with governing laws and regulations, including the strength of evidence hierarchy that applies to Independent Medical Review determinations.

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 patient is a 49-year-old with a reported injury date of 02/23/2010. The patient has the diagnoses of cervicgia, thoracic spine pain, lumbago and chronic pain syndrome. Per the progress notes from the requesting physician dated 04/22/2014, the patient had complaints of headaches, neck pain, bilateral arm and hand numbness low back pain and sciatica. The physical exam noted pain with range of motion in the cervical spine, mild tenderness to palpation over the thoracic spine, pain and decreased range of motion in the lumbar spine, diminished sensation on the feet and a positive straight leg raise test on the right. The treatment plan recommendations included upper extremity EMG. Progress notes dated 06/17/2014 states the patient does not have upper extremity complaints of radiculopathy. Previously prescribed treatment modalities have included trigger point injections and physical therapy.

IMR ISSUES, DECISIONS AND RATIONALES

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

NCV study of bilateral upper extremities: Upheld

Claims Administrator guideline: Decision based on MTUS ACOEM Chapter 8 Neck and Upper Back Complaints Page(s): 178. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG), Neck and Upper Back (Acute & Chronic)

MAXIMUS guideline: Decision based on MTUS ACOEM Chapter 8 Neck and Upper Back Complaints Page(s): 173-174.

Decision rationale: The ACOEM chapter on neck and upper back complaints and special diagnostic studies states: Criteria for ordering imaging studies are:- Emergence of a red flag- Physiologic evidence of tissue insult or neurologic dysfunction- Failure to progress in a strengthening program intended to avoid surgery- Clarification of the anatomy prior to an invasive procedure Physiologic evidence may be in the form of definitive neurologic findings on physical examination, electrodiagnostic studies, laboratory tests, or bone scans. Unequivocal findings that identify specific nerve compromise on the neurologic examination are sufficient evidence to warrant imaging studies if symptoms persist. 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. The assessment may include sensory-evoked potentials (SEPs) if spinal stenosis or spinal cord myelopathy is suspected. If physiologic evidence indicates tissue insult or nerve impairment, consider a discussion with a consultant regarding next steps, including the selection of an imaging test to define a potential cause (magnetic resonance imaging [MRI] for neural or other soft tissue, computed tomography [CT] for bony structures). Additional studies may be considered to further define problem areas. The recent evidence indicates cervical disk annular tears may be missed on MRIs. The clinical significance of such a finding is unclear, as it may not correlate temporally or anatomically with symptoms. The provided documentation does not show any signs of emergence of red flags or physiologic evidence of tissue insult or neurologic dysfunction. There is no mention of planned invasive procedures. There are no subtle neurologic findings listed on the physical exam. The progress notes on the day of request do not show any objective upper extremity neurologic deficits on exam. Subsequent progress reports state the patient does not have upper extremity radicular symptoms. Previous EMG from 2013 was reported normal though the actual report is not available for review. For these reasons criteria for special diagnostic testing has not been met per the ACOEM. Therefore the request is not medically necessary.

EMG study of bilateral upper extremities: Upheld

Claims Administrator guideline: Decision based on MTUS ACOEM Chapter 8 Neck and Upper Back Complaints Page(s): 178. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG), Neck and Upper Back (Acute & Chronic)

MAXIMUS guideline: Decision based on MTUS ACOEM Chapter 8 Neck and Upper Back Complaints Page(s): 173-174.

Decision rationale: The ACOEM chapter on neck and upper back complaints and special diagnostic studies states: Criteria for ordering imaging studies are:- Emergence of a red flag- Physiologic evidence of tissue insult or neurologic dysfunction- Failure to progress in a strengthening program intended to avoid surgery- Clarification of the anatomy prior to an invasive procedure Physiologic evidence may be in the form of definitive neurologic findings on physical examination, electrodiagnostic studies, laboratory tests, or bone scans. Unequivocal findings that identify specific nerve compromise on the neurologic examination are sufficient evidence to warrant imaging studies if symptoms persist. 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. The assessment may include sensory-evoked potentials (SEPs) if spinal stenosis or spinal cord myelopathy is suspected. If physiologic evidence indicates tissue insult or nerve impairment, consider a discussion with a consultant regarding next steps, including the selection of an imaging test to define a potential cause (magnetic resonance imaging [MRI] for neural or other soft tissue, compute tomography [CT] for bony structures). Additional studies may be considered to further define problem areas. The recent evidence indicates cervical disk annular tears may be missed on MRIs. The clinical significance of such a finding is unclear, as it may not correlate temporally or anatomically with symptoms. The provided documentation does not show any signs of emergence of red flags or physiologic evidence of tissue insult or neurologic dysfunction. There is no mention of planned invasive procedures. There are no subtle neurologic findings listed on the physical exam. The progress notes on the day of request do not show any objective upper extremity neurologic deficits on exam. Subsequent progress reports state the patient does not have upper extremity radicular symptoms. Previous EMG from 2013 was reported normal though the actual report is not available for review. For these reasons criteria for special diagnostic testing has not been met per the ACOEM. Therefore the request is not medically necessary.