

<b>Case Number:</b>	CM15-0119052		
<b>Date Assigned:</b>	07/01/2015	<b>Date of Injury:</b>	10/16/2010
<b>Decision Date:</b>	07/31/2015	<b>UR Denial Date:</b>	05/19/2015
<b>Priority:</b>	Standard	<b>Application Received:</b>	06/19/2015

### 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: North Carolina  
 Certification(s)/Specialty: Family Practice

### CLINICAL CASE SUMMARY

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

This is a 59 year old female with an October 16, 2010 date of injury. A progress note dated April 9, 2015 documents subjective complaints (intermittent moderate and occasionally severe neck pain radiating to the left trapezius musculature and left shoulder; numbness and tingling in the left trapezius musculature; stiffness, limited motion, popping, and clicking of the neck; occasional headaches; left shoulder feeling slightly better; moderate pain in the back of the shoulder radiating to the front of the shoulder and occasionally to the left elbow; stiffness, popping, clicking, numbness, tingling and weakness; pain disrupts sleep), objective findings (decreased range of motion of the cervical spine; decreased range of motion of the left shoulder), and current diagnoses (cervical sprain; spondylosis/facet mediated pain; loss of cervical lordosis; cervical disc degeneration; left shoulder sprain; grade I clavicular separation). Treatments to date have included medications and imaging studies. The treating physician documented a plan of care that included magnetic resonance imaging of the cervical spine, magnetic resonance imaging of the left shoulder, and electromyogram/nerve conduction velocity studies of the bilateral upper extremities.

### IMR ISSUES, DECISIONS AND RATIONALES

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

**MRI of the cervical spine:** Upheld

**Claims Administrator guideline:** The Claims Administrator did not cite any medical evidence for its decision.

**MAXIMUS guideline:** Decision based on MTUS ACOEM Chapter 8 Neck and Upper Back Complaints Page(s): 177-178.

**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. The provided progress notes fails to show any documentation of indications for imaging studies of the neck as outlined above per the ACOEM. There was no emergence of red flag. The neck pain was characterized as unchanged. The physical exam noted no evidence of new tissue insult or neurologic dysfunction. There is no planned invasive procedure. Therefore, criteria have not been met for a MRI of the neck and the request is not medically necessary.

**MRI of the left shoulder:** Overturned

**Claims Administrator guideline:** The Claims Administrator did not cite any medical evidence for its decision.

**MAXIMUS guideline:** Decision based on MTUS ACOEM Chapter 9 Shoulder Complaints Page(s): 208.

**Decision rationale:** The ACOEM chapter on shoulder complaints and imaging studies states: Primary criteria for ordering imaging studies are: Emergence of a red flag (e.g., indications of intra-abdominal or cardiac problems presenting as shoulder problems). Physiologic evidence of tissue insult or neurovascular dysfunction (e.g., cervical root problems presenting as shoulder pain, weakness from a massive rotator cuff tear, or the presence of edema, cyanosis or Raynaud's phenomenon). Failure to progress in a strengthening program intended to avoid surgery. Clarification of the anatomy prior to an invasive procedure (e.g., a full thickness rotator cuff tear not responding to conservative treatment). The provided clinical documentation for review does show evidence of tissue insult on physical exam. Therefore, criteria for imaging have been met and the request is medically necessary.

**Electromyograph (EMG) and nerve conduction velocity (NCV) of the bilateral upper extremities:** Upheld

**Claims Administrator guideline:** The Claims Administrator did not cite any medical evidence for its decision.

**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 subtle physiologic evidence of tissue insult or neurologic dysfunction. There is no mention of planned invasive procedures. There are no subtle neurologic findings bilaterally listed on the physical exam. For these reasons criteria for special diagnostic testing has not been met per the ACOEM. Therefore, the request is not medically necessary.