

<b>Case Number:</b>	CM14-0213917		
<b>Date Assigned:</b>	12/31/2014	<b>Date of Injury:</b>	09/27/2013
<b>Decision Date:</b>	02/25/2015	<b>UR Denial Date:</b>	12/02/2014
<b>Priority:</b>	Standard	<b>Application Received:</b>	12/22/2014

### 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. 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 patient is a 32-year-old man who sustained a work-related injury on September 27, 2013. Subsequently, the patient developed a chronic back pain. According to a progress report dated on November 20, 2014, the patient was complaining of ongoing back pain despite the physical therapy, chiropractic treatment and pain medications. The patient MRI of the lumbar spine performed on January 16, 2014 demonstrated evidence of L5-S1 disc herniation. The patient physical examination demonstrated lumbar tenderness with reduced range of motion and no evidence of neurological focal signs. The patient was diagnosed with lumbosacral radiculopathy. The provider requested authorization for MRI of the lumbar spine.

### IMR ISSUES, DECISIONS AND RATIONALES

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

**MRI of the Lumbar Spine:** Upheld

**Claims Administrator guideline:** The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation ODG

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

**Decision rationale:** Regarding the indications for imaging in case of back pain, MTUS guidelines stated: Lumbar spine x rays should not be recommended in patients with low back pain in the absence of red flags for serious spinal pathology, even if the pain has persisted for at least six weeks. However, it may be appropriate when the physician believes it would aid in patient management. Unequivocal objective findings that identify specific nerve compromise on the neurologic examination are sufficient evidence to warrant imaging in patients who do not respond to treatment and who would consider surgery an option. When the neurologic examination is less clear, however, further physiologic evidence of nerve dysfunction should be obtained before ordering an imaging study. Indiscriminant imaging will result in false-positive findings, such as disk bulges, that are not the source of painful symptoms and do not warrant surgery. If physiologic evidence indicates tissue insult or nerve impairment, the practitioner can discuss with a consultant the selection of an imaging test to define a potential cause (magnetic resonance imaging [MRI] for neural or other soft tissue, computer tomography [CT] for bony structures)>. Furthermore, and according to MTUS guidelines, MRI is the test of choice for patients with prior back surgery, fracture or tumors that may require surgery. The patient does not have any clear evidence of lumbar radiculopathy or nerve root compromise. There is no change of the clinical examination There is no clear evidence of significant change of the clinical examination of the patient compared to it examination when the last MRI of the lumbar spine was performed. There is no change in the patient signs or symptoms suggestive of new pathology. Therefore, the request for MRI of the lumbar spine is not medically necessary.