

<b>Case Number:</b>	CM14-0173137		
<b>Date Assigned:</b>	10/23/2014	<b>Date of Injury:</b>	08/19/2005
<b>Decision Date:</b>	12/02/2014	<b>UR Denial Date:</b>	10/03/2014
<b>Priority:</b>	Standard	<b>Application Received:</b>	10/20/2014

### 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 General Preventive Medicine and is licensed to practice in Indiana. 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:

This employee is a 69 year old male with date of injury of 8/12/2005. A review of the medical records indicates that the patient is undergoing treatment for intervertebral disc disease of the lumbar spine, lumbago, and sciatica. Subjective complaints include continued 5/10 pain in the lower back with some radiation down to the buttocks. Objective findings include limited range of motion of the lumbar spine with tenderness to palpation of the paravertebrals; negative straight leg raise bilaterally. Treatment has included epidural steroid injections, physical therapy, Oxycontin, Norco, Lidoderm patches, and Neurontin. The utilization review dated 10/3/2014 non-certified bilateral L5-S1 transforaminal epidural steroid injection under fluoroscopy.

### IMR ISSUES, DECISIONS AND RATIONALES

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

**Epidural steroidal injection (ESI): Upheld**

**Claims Administrator guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines Epidural Steroid Injections Page(s): 79.

**MAXIMUS guideline:** Decision based on MTUS ACOEM Chapter 12 Low Back Complaints Page(s): 287-315, Chronic Pain Treatment Guidelines Epidural steroid injections (ESIs) Page(s): 46. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG) Low Back - Lumbar & Thoracic (Acute & Chronic), Epidural steroid injections (ESIs), therapeutic

**Decision rationale:** MTUS Chronic pain medical treatment guidelines state that epidural steroid injections are "Recommended as an option for treatment of radicular pain (defined as pain in dermatomal distribution with corroborative findings of radiculopathy)... Epidural steroid injection can offer short term pain relief and use should be in conjunction with other rehab efforts, including continuing a home exercise program." There were no medical documents provided to conclude that other rehab efforts or home exercise program is ongoing. Additionally, no objective findings were documented to specify the dermatomal distribution of pain. MTUS further defines the criteria for epidural steroid injections to include: 1) Radiculopathy must be documented by physical examination and corroborated by imaging studies and/or electrodiagnostic testing. 2) Initially unresponsive to conservative treatment (exercises, physical methods, non-steroidal anti-inflammatory drugs (NSAIDs) and muscle relaxants). 3) Injections should be performed using fluoroscopy (live x-ray) for guidance. 4) If used for diagnostic purposes, a maximum of two injections should be performed. A second block is not recommended if there is inadequate response to the first block. Diagnostic blocks should be at an interval of at least one to two weeks between injections. 5) No more than two nerve root levels should be injected using transforaminal blocks. 6) No more than one interlaminar level should be injected at one session. 7) In the therapeutic phase, repeat blocks should be based on continued objective documented pain and functional improvement, including at least 50% pain relief with associated reduction of medication use for six to eight weeks, with a general recommendation of no more than 4 blocks per region per year. (Manchikanti, 2003) (CMS, 2004) (Boswell, 2007) 8) Current research does not support a "series-of-three" injections in either the diagnostic or therapeutic phase. We recommend no more than 2 ESI injections. Radiculopathy does appear to be documented with imaging studies. The patient is taking multiple medications, but the progress reports do not document how long the patient has been on these medications and the "unresponsiveness" to the medications. Additionally, treatment notes do not indicate if other conservative treatments were tried and failed (exercises, physical therapy, etc.) He had prior epidural steroid injections, but there is no detail on what levels were injected, how much relief and functional benefit was provided and when they were done. There is no detail on what levels would be injected. As such, the request for ESI is not medically necessary.

**Bilateral L5-S1 transforaminal epidural steroid injection under fluoroscopy:** Upheld

**Claims Administrator guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines Epidural Steroid Injection Page(s): 79.

**MAXIMUS guideline:** Decision based on MTUS ACOEM Chapter 12 Low Back Complaints Page(s): 287-315, Chronic Pain Treatment Guidelines Epidural steroid injections (ESIs) Page(s): 46. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG) Low Back - Lumbar & Thoracic (Acute & Chronic), Epidural steroid injections (ESIs), therapeutic

**Decision rationale:** MTUS Chronic pain medical treatment guidelines state that epidural steroid injections are "Recommended as an option for treatment of radicular pain (defined as pain in dermatomal distribution with corroborative findings of radiculopathy)... Epidural steroid injection can offer short term pain relief and use should be in conjunction with other rehab efforts, including continuing a home exercise program." There were no medical documents

provided to conclude that other rehab efforts or home exercise program is ongoing. Additionally, no objective findings were documented to specify the dermatomal distribution of pain. MTUS further defines the criteria for epidural steroid injections to include: 1) Radiculopathy must be documented by physical examination and corroborated by imaging studies and/or electrodiagnostic testing. 2) Initially unresponsive to conservative treatment (exercises, physical methods, NSAIDs and muscle relaxants). 3) Injections should be performed using fluoroscopy (live x-ray) for guidance. 4) If used for diagnostic purposes, a maximum of two injections should be performed. A second block is not recommended if there is inadequate response to the first block. Diagnostic blocks should be at an interval of at least one to two weeks between injections. 5) No more than two nerve root levels should be injected using transforaminal blocks. 6) No more than one interlaminar level should be injected at one session. 7) In the therapeutic phase, repeat blocks should be based on continued objective documented pain and functional improvement, including at least 50% pain relief with associated reduction of medication use for six to eight weeks, with a general recommendation of no more than 4 blocks per region per year. (Manchikanti, 2003) (CMS, 2004) (Boswell, 2007) 8) Current research does not support a "series-of-three" injections in either the diagnostic or therapeutic phase. We recommend no more than 2 ESI injections. Radiculopathy does appear to be documented with imaging studies. The patient is taking multiple medications, but the progress reports do not document how long the patient has been on these medications and the "unresponsiveness" to the medications. Additionally, treatment notes do not indicate if other conservative treatments were tried and failed (exercises, physical therapy, etc.) He had prior epidural steroid injections, but there is no detail on what levels were injected, how much relief and functional benefit was provided and when they were done. As such, the request for bilateral L5-S1 transforaminal epidural steroid injection under fluoroscopy is not medically necessary.