

Case Number:	CM15-0115870		
Date Assigned:	06/24/2015	Date of Injury:	01/24/2014
Decision Date:	09/22/2015	UR Denial Date:	05/15/2015
Priority:	Standard	Application Received:	06/16/2015

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: Maryland, Texas, Virginia

Certification(s)/Specialty: Internal Medicine, Allergy and Immunology, Rheumatology

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 35 year old male who sustained an industrial injury on 1/24/14 when he was moving molds from a table and felt a pinch in the lower back resulting in a lumbar sprain/strain (per Utilization review). He currently complains of low back pain with stiffness, tingling, weakness, numbness and giving way. His pain level was 7/10. On physical exam there was tenderness at L5-S1 and sacroiliac joint is tender. He has a positive Faber on the left indicating left sacroiliac strain. Medications are Tramadol, omeprazole, Naprosyn. Diagnoses include lumbar strain (1/23/14); left lower extremity radiculopathy; left groin pain; annular tear and disc degeneration L3-4; left inguinal hernia, status post repair (12/20/14); probable left sacroiliac strain. Treatments to date include physical therapy; chiropractic treatments; medications. Diagnostics include MRI of the lumbar spine (6/16/14) showing L2-3 disc herniation; ultra sound in supine position to rule out inguinal hernia with negative results; computed tomography of the abdomen and pelvis (11/12/14) abnormal. On 5/15/15 Utilization Review evaluated requests for left lumbosacral L5-S1 epidural steroid injection, with fluoroscopy and myelography; left sacroiliac injection with fluoroscopy and discography.

IMR ISSUES, DECISIONS AND RATIONALES

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

Left Lumbosacral L5-S1 Epidural Steroid Injection, Qty 1: Upheld

Claims Administrator guideline: Decision based on MTUS Chronic Pain Treatment Guidelines Epidural Steroid Injections (ESIs) Page(s): 46.

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, NSDs 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 injection Radiculopathy does appear to be corroborate with imaging studies as there is a herniated at L2-3. 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). As such, the request for Left Lumbosacral L5-S1 Epidural Steroid Injection, Qty 1 is not medically necessary.

Fluoroscopy for Left Lumbosacral L5-S1 Epidural Steroid Injection, Qty 1: Upheld

Claims Administrator guideline: Decision based on MTUS Chronic Pain Treatment Guidelines Epidural Steroid Injections (ESIs) Page(s): 46.

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 corroborate with imaging studies as there is a herniated at L2-3. 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). Since the request for Left Lumbosacral L5-S1 Epidural Steroid Injection, is not medically necessary, the request for Fluoroscopy for Left Lumbosacral L5-S1 Epidural Steroid Injection, Qty 1 is not medically necessary.

Myelography for Left Lumbosacral L5-S1 Epidural Steroid Injection, Qty 1: Upheld

Claims Administrator guideline: Decision based on MTUS Chronic Pain Treatment Guidelines Epidural Steroid Injections (ESIs) Page(s): 46.

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 corroborate with imaging studies as there is a herniated at L2-3. 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 dictate if other conservative treatments were tried and failed (exercises, physical therapy, etc). Since the request for Left Lumbosacral L5-S1 Epidural Steroid Injection, is not medically necessary, the request for Myelography for Left Lumbosacral L5-S1 Epidural Steroid Injection, Qty 1 is not medically necessary.

Fluoroscopy for Left Sacroiliac Injection, Qty 1: Overturned

Claims Administrator guideline: The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation Official Disability Guidelines: Low Back - Sacroiliac joint injections (SJI).

MAXIMUS guideline: Decision based on MTUS ACOEM Chapter 12 Low Back Complaints Page(s): 287-315. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG) Hip and Pelvis, Sacroiliac joint blocks.

Decision rationale: ACOEM Guidelines report that "Invasive techniques (e.g., local injections and facet-joint injections of cortisone and lidocaine) are of questionable merit. Although epidural steroid injections may afford short-term improvement in leg pain and sensory deficits in patients with nerve root compression due to a herniated nucleus pulposus, this treatment offers no significant long-term functional benefit, nor does it reduce the need for surgery. Despite the fact that proof is still lacking, many pain physicians believe that diagnostic and/or therapeutic injections may have benefit in patients presenting in the transitional phase between acute and chronic pain." The ODG states that injections of the Sacroiliac joint are "Recommended as an option if failed at least 4-6 weeks of aggressive conservative therapy as indicated below. Sacroiliac dysfunction is poorly defined and the diagnosis is often difficult to make due to the presence of other low back pathology (including spinal stenosis and facet arthropathy). The diagnosis is also difficult to make as pain symptoms may depend on the region of the SI joint that is involved (anterior, posterior, and/or extra-articular ligaments). Pain may radiate into the

buttock, groin and entire ipsilateral lower limb, although if pain is present above L5, it is not thought to be from the SI joint." The indications are: Criteria for the use of sacroiliac blocks: 1. The history and physical should suggest the diagnosis (with documentation of at least 3 positive exam findings as listed above). 2. Diagnostic evaluation must first address any other possible pain generators. 3. The patient has had and failed at least 4-6 weeks of aggressive conservative therapy including PT, home exercise and medication management. 4. Blocks are performed under fluoroscopy. (Hansen, 2003). 5. A positive diagnostic response is recorded as 80% for the duration of the local anesthetic. If the first block is not positive, a second diagnostic block is not performed. 6. If steroids are injected during the initial injection, the duration of pain relief should be at least 6 weeks with at least > 70% pain relief recorded for this period. 7. In the treatment or therapeutic phase (after the stabilization is completed), the suggested frequency for repeat blocks is 2 months or longer between each injection, provided that at least >70% pain relief is obtained for 6 weeks. 8. The block is not to be performed on the same day as a lumbar epidural steroid injection (ESI), transforaminal ESI, facet joint injection or medial branch block. 9. In the treatment or therapeutic phase, the interventional procedures should be repeated only as necessary judging by the medical necessity criteria, and these should be limited to a maximum of 4 times for local anesthetic and steroid blocks over a period of 1 year. The Utilization review demonstrates that the sacroiliac injection on the left was determined to be medically necessary. Since it is recommended that these injections occur under fluoroscopy, the request for Fluoroscopy for Left Sacroiliac Injection, Qty 1 is medically necessary.

Discography for Left Sacroiliac Injection, Qty 1: Upheld

Claims Administrator guideline: The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation Official Disability Guidelines: Low Back - Sacroiliac joint injections (SJI).

MAXIMUS guideline: The Expert Reviewer did not base their decision on the MTUS. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG) Low back and Thoracic back, Discography.

Decision rationale: The MTUS is silent on discography for sacroiliac joint or lower back. The ODG states that discography is "Not recommended. In the past, discography has been used as part of the pre-operative evaluation of patients for consideration of surgical intervention for lower back pain. However, the conclusions of recent, high quality studies on discography have significantly questioned the use of discography results as a preoperative indication for either IDET or spinal fusion. These studies have suggested that reproduction of the patient's specific back complaints on injection of one or more discs (concordance of symptoms) is of limited diagnostic value." As such, the request for Discography for Left Sacroiliac Injection, Qty 1 is not medically necessary.