

<b>Case Number:</b>	CM15-0144957		
<b>Date Assigned:</b>	08/05/2015	<b>Date of Injury:</b>	06/10/2002
<b>Decision Date:</b>	09/02/2015	<b>UR Denial Date:</b>	07/17/2015
<b>Priority:</b>	Standard	<b>Application Received:</b>	07/27/2015

### 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: New Jersey, Alabama, 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 injured worker is a 57 year old female, who sustained an industrial injury on 610-002 Initial complaints were not reviewed. The injured worker was diagnosed as having bilateral carpal tunnel syndrome with surgical release; complex regional pain syndrome bilateral upper extremities; status post cervical spinal cord stimulator implant; complicated psychological issues. Treatment to date has included physical therapy; status post spinal cord stimulator; medications. Currently, the PR-2 notes dated 6-16-15 indicated the injured worker complains of pain is worse rated at 10 over 10 without medications and on average 7 out of 10 with medications. She is in the office for a regular follow-up of her chronic pain conditions. She reports benefit from Gralise but cannot tolerate any more due to depression and loss of short term memory. She is on Horizant but cannot get the relief of pain she got with Gralise. She seems functioning steadier and current medications regimen does help her a lot. She is doing fine with MS Contin, Oxy IR and Valium with reasonable relief of pain. She still has insomnia and unable to take Lyrica due to depression and memory concerns. She is seeing a psychiatrist and her spinal cord stimulator is helping her pain. The provider notes her physical examination is unchanged and notes allodynia to light touch and range of motion. She has motor weakness with grip bilaterally. The provider is requesting authorization of Functional Restoration Program and intrathecal pain pump trial.

### IMR ISSUES, DECISIONS AND RATIONALES

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

## **Intrathecal Pain Pump Trial: Upheld**

**Claims Administrator guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines.

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines Implantable drug-delivery systems Page(s): 53.

**Decision rationale:** According to MTUS guidelines, Indications for Implantable drug-delivery systems: Implantable infusion pumps are considered medically necessary when used to deliver drugs for the treatment of: Primary liver cancer (intrahepatic artery injection of chemotherapeutic agents); Metastatic colorectal cancer where metastases are limited to the liver (intrahepatic artery injection of chemotherapeutic agents); Head/neck cancers (intra-arterial injection of chemotherapeutic agents); Severe, refractory spasticity of cerebral or spinal cord origin in patients who are unresponsive to or cannot tolerate oral baclofen (Lioresal) therapy (intrathecal injection of baclofen) Permanently implanted intrathecal (intraspinal) infusion pumps for the administration of opiates or non-opiate analgesics, in the treatment of chronic intractable pain, are considered medically necessary when: Used for the treatment of malignant (cancerous) pain and all of the following criteria are met: 1. Strong opioids or other analgesics in adequate doses, with fixed schedule (not PRN) dosing, have failed to relieve pain or intolerable side effects to systemic opioids or other analgesics have developed; and 2. Life expectancy is greater than 3 months (less invasive techniques such as external infusion pumps provide comparable pain relief in the short term and are consistent with standard of care); and 3. Tumor encroachment on the thecal sac has been ruled out by appropriate testing; and 4. No contraindications to implantation exist such as sepsis or coagulopathy; and 5. A temporary trial of spinal (epidural or intrathecal) opiates has been successful prior to permanent implantation as defined by a 50% reduction in pain. A temporary trial of intrathecal (intraspinal) infusion pumps is considered medically necessary only when criteria 1-4 above are met. Used for the treatment of non-malignant (non-cancerous) pain with a duration of greater than 6 months and all of the following criteria are met: Documentation, in the medical record, of the failure of 6 months of other conservative treatment modalities (pharmacologic, surgical, psychologic or physical), if appropriate and not contraindicated; and 2. Intractable pain secondary to a disease state with objective documentation of pathology in the medical record; and 3. Further surgical intervention or other treatment is not indicated or likely to be effective; and 4. Psychological evaluation has been obtained and evaluation states that the pain is not primarily psychologic in origin and that benefit would occur with implantation despite any psychiatric comorbidity; and 5. No contraindications to implantation exist such as sepsis or coagulopathy; and 6. A temporary trial of spinal (epidural or intrathecal) opiates has been successful prior to permanent implantation as defined by at least a 50% to 70% reduction in pain and documentation in the medical record of functional improvement and associated reduction in oral pain medication use. A temporary trial of intrathecal (intraspinal) infusion pumps is considered medically necessary only when criteria 1-5 above are met. In this case, the patient has been using opioid medications since 2005 without any evidence of functional improvement. In addition, the UDS collected on June 9, 2014 and May 11, 2015 revealed serious abuse. In fact, the UDs detected ethyl alcohol use with benzodiazepines and opiates. Therefore, the request for Intrathecal Pain Pump Trial is not medically necessary.

## **Functional Restoration Program: Upheld**

**Claims Administrator guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines.

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines Chronic pain programs (functional restoration programs) Page(s): 31-33.

**Decision rationale:** Chronic pain programs (functional restoration programs), recommended where there is access to programs with proven successful outcomes, for patients with conditions that put them at risk of delayed recovery. Patients should also be motivated to improve and return to work, and meet the patient selection criteria outlined below. Also called Multidisciplinary pain programs or Interdisciplinary rehabilitation programs, these pain rehabilitation programs combine multiple treatments, and at the least, include psychological care along with physical therapy & occupational therapy (including an active exercise component as opposed to passive modalities). While recommended, the research remains ongoing as to (1) what is considered the gold-standard content for treatment; (2) the group of patients that benefit most from this treatment; (3) the ideal timing of when to initiate treatment; (4) the intensity necessary for effective treatment; and (5) cost-effectiveness. It has been suggested that interdisciplinary/multidisciplinary care models for treatment of chronic pain may be the most effective way to treat this condition. Unfortunately, being a claimant may be a predictor of poor long-term outcomes. (Robinson, 2004) These treatment modalities are based on the biopsychosocial model, one that views pain and disability in terms of the interaction between physiological, psychological and social factors. (Gatchel, 2005) There appears to be little scientific evidence for the effectiveness of multidisciplinary biopsychosocial rehabilitation compared with other rehabilitation facilities for neck and shoulder pain, as opposed to low back pain and generalized pain syndromes. (Karjalainen, 2003) Predictors of success and failure: As noted, one of the criticisms of interdisciplinary/multidisciplinary rehabilitation programs is the lack of an appropriate screening tool to help to determine who will most benefit from this treatment. Retrospective research has examined decreased rates of completion of functional restoration programs, and there is ongoing research to evaluate screening tools prior to entry. (Gatchel, 2006) The following variables have been found to be negative predictors of efficacy of treatment with the programs as well as negative predictors of completion of the programs: (1) a negative relationship with the employer/supervisor; (2) poor work adjustment and satisfaction; (3) a negative outlook about future employment; (4) high levels of psychosocial distress (higher pretreatment levels of depression, pain and disability); (5) involvement in financial disability disputes; (6) greater rates of smoking; (7) duration of pre-referral disability time; (8) prevalence of opioid use; and (9) pretreatment levels of pain. (Linton, 2001) (Bendix, 1998) (McGeary, 2006) (McGeary, 2004) (Gatchel, 2005) Multidisciplinary treatment strategies are effective for patients with chronic low back pain (CLBP) in all stages of chronicity and should not only be given to those with lower grades of CLBP, according to the results of a prospective longitudinal clinical study reported in the December 15 issue of Spine. (Buchner, 2007) See also Chronic pain programs, early intervention; Chronic pain programs, intensity; Chronic pain programs, opioids; and Functional restoration programs. Criteria for the general use of multidisciplinary pain management programs: Outpatient pain rehabilitation programs may be considered medically necessary when all of the following criteria are met: 1) An adequate and thorough evaluation has been made, including baseline functional testing so follow-up with the same test can note functional improvement; (2) Previous methods of treating chronic pain have been unsuccessful and there is an absence of other options likely to result in significant clinical

improvement; (3) The patient has a significant loss of ability to function independently resulting from the chronic pain; (4) The patient is not a candidate where surgery or other treatments would clearly be warranted (if a goal of treatment is to prevent or avoid controversial or optional surgery, a trial of 10 visits may be implemented to assess whether surgery may be avoided); (5) The patient exhibits motivation to change, and is willing to forgo secondary gains, including disability payments to effect this change; & (6) Negative predictors of success above have been addressed. There is no documentation that the patient exhibits motivation to change and was motivated to return to work. In addition, there is no evidence that all conservative therapies were exhausted. Therefore, the request for functional restoration program evaluation is not medically necessary.