

Case Number:	CM15-0129562		
Date Assigned:	07/16/2015	Date of Injury:	02/17/2014
Decision Date:	08/20/2015	UR Denial Date:	06/12/2015
Priority:	Standard	Application Received:	07/06/2015

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 46-year-old male sustained an industrial injury on 2/17/14. He subsequently reported neck, upper back, low back, right shoulder and right knee pain. Diagnoses include right knee strain and sprain, bilateral ankle sprain and strain and lumbar sprain and strain. The injured worker continues to experience neck, thoracic and lumbar spine, right wrist and right knee pain. Upon examination, tenderness to palpation was noted over the cervical spine, thoracic spine, lumbosacral spine, bilateral elbows, wrists, hands, hips and right knee. Straight leg raise was positive on the right. A request for 4 chiropractic treatments to the neck, upper back, low back, right shoulder and supervised exercises for the right knee (1 time a week for 4 weeks), One (1) right knee brace and One (1) IF 4 unit for home use to the neck, upper back and right shoulder was made by the treating physician.

IMR ISSUES, DECISIONS AND RATIONALES

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

4 chiropractic treatments to the neck, upper back, low back, right shoulder and supervised exercises for the right knee (1 time a week for 4 weeks): Overturned

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

MAXIMUS guideline: Decision based on MTUS Chronic Pain Treatment Guidelines manual manipulation Page(s): 58-59.

Decision rationale: The California chronic pain medical guidelines section on manual manipulation states: Recommended for chronic pain if caused by musculoskeletal conditions. Manual Therapy is widely used in the treatment of musculoskeletal pain. The intended goal or effect of Manual Medicine is the achievement of positive symptomatic or objective measurable gains in functional improvement that facilitate progression in the patient's therapeutic exercise program and return to productive activities. Manipulation is manual therapy that moves a joint beyond the physiologic range-of-motion but not beyond the anatomic range-of-motion. Low back: Recommended as an option. Therapeutic care, Trial of 6 visits over 2 weeks, with evidence of objective functional improvement, total of up to 18 visits over 6-8 weeks. Elective/maintenance care, not medically necessary. Recurrences/flare-ups, Need to reevaluate treatment success, if RTW achieved then 1-2 visits every 4-6 months. Ankle & Foot: Not recommended. Carpal tunnel syndrome: Not recommended. Forearm, Wrist, & Hand: Not recommended. Knee: Not recommended. Treatment Parameters from state guidelines a. Time to produce effect: 4 to 6 treatments. Manual manipulation is recommended form of treatment for chronic pain. However, the requested amount of therapy sessions is in excess of the recommendations per the California MTUS. The California MTUS states there should be not more than 6 visits over 2 weeks and documented evidence of functional improvement before continuation of therapy. The request is for 4 sessions. This does meet criteria guidelines and thus is medically necessary.

One (1) right knee brace: Upheld

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

MAXIMUS guideline: Decision based on MTUS ACOEM Chapter 13 Knee Complaints Page(s): 338.

Decision rationale: Per the ACOEM chapter on knee complaints, table 13-3 list the following as optional treatment measures for different knee injuries: Cruciate ligament tear: crutches, knee immobilizer and quadriceps/hamstring strengthening. Meniscus tears: quadriceps strengthening, partial weight bearing, knee immobilizer as needed. Patellofemoral syndrome: knee sleeve, quadriceps strengthening and avoidance of knee flexion. The patient does not have a diagnosis that support knee bracing per the ACOEM or the ODG. Therefore, the request does not meet guideline recommendations and is not medically necessary.

One (1) IF 4 unit for home use to the neck, upper back and right shoulder: Upheld

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

MAXIMUS guideline: Decision based on MTUS Chronic Pain Treatment Guidelines
interferential therapy Page(s): 118-119.

Decision rationale: The California medical treatment guidelines section on ICS therapy states: Not recommended as an isolated intervention. There is no quality evidence of effectiveness except in conjunction with recommended treatments, including return to work, exercise and medications, and limited evidence of improvement on those recommended treatments alone. The randomized trials that have evaluated the effectiveness of this treatment have included studies for back pain, jaw pain, soft tissue shoulder pain, cervical neck pain and post-operative knee pain. (Van der Heijden, 1999)(Werner, 1999) (Hurley, 2001) (Hou, 2002) (Jarit, 2003) (Hurley, 2004) (CTAF, 2005) (Burch, 2008) The findings from these trials were either negative or non-interpretable for recommendation due to poor study design and/or methodologic issues. In addition, although proposed for treatment in general for soft tissue injury or for enhancing wound or fracture healing, there is insufficient literature to support Interferential current stimulation for treatment of these conditions. There are no standardized protocols for the use of interferential therapy; and the therapy may vary according to the frequency of stimulation, the pulse duration, treatment time, and electrode-placement technique. Two recent randomized double-blind controlled trials suggested that ICS and horizontal therapy (HT) were effective in alleviating pain and disability in patients with chronic low back pain compared to placebo at 14 weeks, but not at 2 weeks. The placebo effect was remarkable at the beginning of the treatment but it tended to vanish within a couple of weeks. The studies suggested that their main limitation was the heterogeneity of the low back pain subjects, with the interventions performing much better for back pain due to previous multiple vertebral osteoporotic fractures, and further studies are necessary to determine effectiveness in low back pain from other causes. (Zambito, 2006) (Zambito, 2007) A recent industry-sponsored study in the Knee Chapter concluded that interferential current therapy and patterned muscle stimulation (using the RS-4i Stimulator) has the potential to be a more effective treatment modality than conventional low-current TENS for osteoarthritis of the knee. (Burch, 2008) This recent RCT found that either electroacupuncture or interferential electrotherapy, in combination with shoulder exercises, is equally effective in treating frozen shoulder patients. It should be noted that this study only showed the combined treatment effects with exercise as compared to no treatment, so the entire positive effect could have been due to the use of exercise alone. (Cheing, 2008) See also sympathetic therapy. See also TENS, chronic pain. While not recommended as an isolated intervention, Patient selection criteria if Interferential stimulation is to be used anyway: Possibly appropriate for the following conditions if it has documented and proven to be effective as directed or applied by the physician or a provider licensed to provide physical medicine: Pain is ineffectively controlled due to diminished effectiveness of medications; or Pain is ineffectively controlled with medications due to side effects; or History of substance abuse; or Significant pain from postoperative conditions limits the ability to perform exercise programs/physical therapy treatment; or Unresponsive to conservative measures (e.g., repositioning, heat/ice, etc.). If those criteria are met, then a one-month trial may be appropriate to permit the physician and physical medicine provider to study the effects and benefits. There should be evidence of increased functional improvement, less reported pain and evidence of medication reduction. A "jacket" should not be certified until after the one-month trial and only with documentation that the individual cannot apply the stimulation pads alone or with the help of another available person. The criteria as set forth above per the California MTUS have not been met. In addition, ICS is only initially approved for a one-month

trial period. Therefore, the request is not medically necessary.