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| <b>Case Number:</b>   | CM15-0145374 |                              |            |
| <b>Date Assigned:</b> | 08/06/2015   | <b>Date of Injury:</b>       | 12/08/2010 |
| <b>Decision Date:</b> | 09/02/2015   | <b>UR Denial Date:</b>       | 07/02/2015 |
| <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: 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:

The injured worker is a 30 year old female, who sustained an industrial injury on 12-08-2010. Diagnoses include bilateral wrist sprain or strain. Treatment to date has included surgical intervention (removal of a cyst, 2014), as well as physical therapy, modified work, splinting, and medication management. Per the handwritten Primary Treating Physician's Progress Report dated 5-23-2015 the injured worker reported bilateral wrist pain. Physical examination revealed tender bilateral wrists. The plan of care included topical medications, physical therapy, and diagnostics and authorization was requested for physical therapy, magnetic resonance imaging (MRI) of the right wrist and compound topical medication Gabapentin 10%-Lidocaine 2% in trigger point gel with Aloe Vera 0.5%, Emu oil 30%, Capsaicin 0.025%, Menthol 30% and camphor 5%.

### IMR ISSUES, DECISIONS AND RATIONALES

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

**Compound cream: Gabapentin 10%, Lidocaine 2% in trigger point gel with Aloe Vera 0.5%, Emu oil 30%, Capsaicin (Natural) 0.025%, Menthol 30% and camphor 5% 120 grams: Upheld**

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

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines topical analgesics Page(s): 111-113.

**Decision rationale:** The California chronic pain medical treatment guidelines section on topical analgesics states: Recommended as an option as indicated below. Largely experimental in use with few randomized controlled trials to determine efficacy or safety. Primarily recommended for neuropathic pain when trials of antidepressants and anticonvulsants have failed. (Namaka, 2004) These agents are applied locally to painful areas with advantages that include lack of systemic side effects, absence of drug interactions, and no need to titrate. (Colombo, 2006) Many agents are compounded as monotherapy or in combination for pain control (including NSAIDs, opioids, capsaicin, local anesthetics, antidepressants, glutamate receptor antagonists, adrenergic receptor agonist, adenosine, cannabinoids, cholinergic receptor agonists, agonists, prostanoids, bradykinin, adenosine triphosphate, biogenicamines, and nerve growth factor). (Argoff, 2006) There is little to no research to support the use of many of these agents. Any compounded product that contains at least one drug (or drug class) that is not recommended is not recommended. The requested medication contains ingredients (gabapentin) which are not indicated per the California MTUS for topical analgesic use. Therefore the request is not medically necessary.

**Physical therapy 2x4 to bilateral wrists/hands:** Upheld

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

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines physical medicine Page(s): 98-99.

**Decision rationale:** The California chronic pain medical treatment guidelines section on physical medicine states: Recommended as indicated below. Passive therapy (those treatment modalities that do not require energy expenditure on the part of the patient) can provide short term relief during the early phases of pain treatment and are directed at controlling symptoms such as pain, inflammation and swelling and to improve the rate of healing soft tissue injuries. They can be used sparingly with active therapies to help control swelling, pain and inflammation during the rehabilitation process. Active therapy is based on the philosophy that therapeutic exercise and/or activity are beneficial for restoring flexibility, strength, endurance, function, range of motion, and can alleviate discomfort. Active therapy requires an internal effort by the individual to complete a specific exercise or task. This form of therapy may require supervision from a therapist or medical provider such as verbal, visual and/or tactile instruction(s). Patients are instructed and expected to continue active therapies at home as an extension of the treatment process in order to maintain improvement levels. Home exercise can include exercise with or without mechanical assistance or resistance and functional activities with assistive devices. (Colorado, 2002) (Airaksinen, 2006) Patient-specific hand therapy is very important in reducing swelling, decreasing pain, and improving range of motion in CRPS. (Li, 2005) The use of active treatment modalities (e.g., exercise, education, activity modification) instead of passive treatments is associated with substantially better clinical outcomes. In a large case series of patients with low back pain treated by physical therapists, those adhering to guidelines for active rather than passive treatments incurred fewer treatment visits, cost less, and had less pain and less disability. The overall success rates were 64.7%

among those adhering to the active treatment recommendations versus 36.5% for passive treatment. (Fritz, 2007)Physical Medicine Guidelines: Allow for fading of treatment frequency (from up to 3 visits per week to 1 or less), plus active self-directed home Physical Medicine. Myalgia and myositis, unspecified (ICD9 729.1): 9-10 visits over 8 weeks. Neuralgia, neuritis, and radiculitis, unspecified (ICD9 729.2) 8-10 visits over 4 weeks. Reflex sympathetic dystrophy (CRPS) (ICD9 337.2): 24 visits over 16 weeks. The goal of physical therapy is graduation to home therapy after a certain amount of recommended sessions. The patient has already completed physical therapy. The request is in excess of these recommendations per the California MTUS. There is no objective reason why the patient would not be moved to home therapy after completing the recommended amount of supervised sessions in the provided clinical documentation. Therefore the request is not medically necessary.

**MRI of right wrist:** Upheld

**Claims Administrator guideline:** Decision based on MTUS ACOEM Chapter 11 Forearm, Wrist, and Hand Complaints. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG).

**MAXIMUS guideline:** Decision based on MTUS ACOEM Chapter 11 Forearm, Wrist, and Hand Complaints Page(s): 271-274.

**Decision rationale:** The ACOEM chapter on wrist complaints and special diagnostic imaging Table 11-6 does not recommend MRI of the wrist except the case of carpal tunnel syndrome or suspected infection. There is no documentation of expected infection or carpal tunnel syndrome. The patient does not have signs per the documented physical exam of carpal tunnel syndrome. Therefore criteria set forth by the ACOEM for wrist MTI have not been met and the request is not medically necessary.