

<b>Case Number:</b>	CM15-0109140		
<b>Date Assigned:</b>	06/15/2015	<b>Date of Injury:</b>	08/16/2013
<b>Decision Date:</b>	07/14/2015	<b>UR Denial Date:</b>	05/05/2015
<b>Priority:</b>	Standard	<b>Application Received:</b>	06/05/2015

### 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 47 year old female, who sustained an industrial injury on August 16, 2013, incurred left upper extremity injuries from repetitive motions and activities. She was diagnosed with cervical disc disease and cervical radiculopathy. Cervical Magnetic Resonance Imaging revealed degenerative disc disease. Treatment included cervical traction, immobilization to the shoulder, physical therapy, home exercise program, and work restrictions. Electromyography studies were unremarkable. Currently, the injured worker complained of persistent neck, and upper arm pain radiating into the elbow, forearm and hand. She complained of constant numbness and tingling of the left thumb and index finger. The treatment plan that was requested for authorization included a prescription of Gabapentin with three refills.

### IMR ISSUES, DECISIONS AND RATIONALES

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

**1 prescription of Gabapentin 100mg #60 with 3 refills:** Overturned

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

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines gabapentin Page(s): 18.

**Decision rationale:** The California chronic pain medical treatment guidelines section on Neurontin states: Gabapentin (Neurontin, Gabarone, generic available) has been shown to be effective for treatment of diabetic painful neuropathy and postherpetic neuralgia and has been considered as a first-line treatment for neuropathic pain. (Backonja, 2002) (ICSI, 2007) (Knotkova, 2007) (Eisenberg, 2007) (Attal, 2006) This RCT concluded that gabapentin monotherapy appears to be efficacious for the treatment of pain and sleep interference associated with diabetic peripheral neuropathy and exhibits positive effects on mood and quality of life. (Backonja, 1998) It has been given FDA approval for treatment of post-herpetic neuralgia. The number needed to treat (NNT) for overall neuropathic pain is 4. It has a more favorable side-effect profile than Carbamazepine, with a number needed to harm of 2.5. (Wiffen2-Cochrane, 2005) (Zaremba, 2006) Gabapentin in combination with morphine has been studied for treatment of diabetic neuropathy and postherpetic neuralgia. When used in combination the maximum tolerated dosage of both drugs was lower than when each was used as a single agent and better analgesia occurred at lower doses of each. (Gilron-NEJM, 2005) Recommendations involving combination therapy require further study. The patient has the diagnosis of neuropathic pain in the form of radiculopathy. Therefore, the request is medically necessary and approved.