

Case Number:	CM15-0104087		
Date Assigned:	06/08/2015	Date of Injury:	02/11/2012
Decision Date:	07/17/2015	UR Denial Date:	04/30/2015
Priority:	Standard	Application Received:	05/30/2015

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 63 year old female sustained an industrial injury on 2/11/12. She subsequently reported bilateral upper extremity pain. Diagnoses include trigger finger and causalgia of upper limb. Treatments to date include x-ray and MRI testing, modified work duty, right wrist surgery, physical therapy, injections and prescription pain medications. The injured worker continues to experience right wrist pain that radiates into the fingers. Upon examination, there was tenderness noted in the right wrist. There was decreased sensation over the thumb, index and ring fingers. There was mild triggering of the middle finger and decreased range of motion of dorsiflexion and palmar flexion approximately 75 percent and painful at end range. Positive Tinel's was noted in the right wrist. A request for TENS unit, purchase and Conductive garment, purchase 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:

TENS unit, purchase: Upheld

Claims Administrator guideline: Decision based on MTUS Chronic Pain Treatment Guidelines TENS (Transcutaneous electrotherapy) Page(s): 116.

MAXIMUS guideline: Decision based on MTUS Chronic Pain Treatment Guidelines TENS Page(s): 114.

Decision rationale: The California chronic pain medical treatment guidelines section on transcutaneous electrical nerve stimulation states: TENS, chronic pain (transcutaneous electrical nerve stimulation) Not recommended as a primary treatment modality, but a one-month home- based TENS trial may be considered as a noninvasive conservative option, if used as an adjunct to a program of evidence-based functional restoration, for the conditions described below. While TENS may reflect the long-standing accepted standard of care within many medical communities, the results of studies are inconclusive; the published trials do not provide information on the stimulation parameters, which are most likely to provide optimum pain relief, nor do they answer questions about long-term effectiveness. (Carroll-Cochrane, 2001) Several published evidence-based assessments of transcutaneous electrical nerve stimulation (TENS) have found that evidence is lacking concerning effectiveness. One problem with current studies is that many only evaluated single-dose treatment, which may not reflect the use of this modality in a clinical setting. Other problems include statistical methodology, small sample size, influence of placebo effect, and difficulty comparing the different outcomes that were measured. This treatment option is recommended as an adjunct to a program of evidence based functional restoration. However, it is recommended for a one-month trial to document subjective and objective gains from the treatment. There is no provided documentation of a one-month trial period with objective measurements of improvement. Therefore, criteria have not been met and the request is not medically necessary.

Conductive garment, purchase: Upheld

Claims Administrator guideline: The Claims Administrator did not cite any medical evidence for its decision.

MAXIMUS guideline: Decision based on MTUS Chronic Pain Treatment Guidelines TENS Page(s): 114.

Decision rationale: The California chronic pain medical treatment guidelines section on transcutaneous electrical nerve stimulation states: TENS, chronic pain (transcutaneous electrical nerve stimulation) Not recommended as a primary treatment modality, but a one-month home- based TENS trial may be considered as a noninvasive conservative option, if used as an adjunct to a program of evidence-based functional restoration, for the conditions described below. While TENS may reflect the long-standing accepted standard of care within many medical communities, the results of studies are inconclusive; the published trials do not provide information on the stimulation parameters, which are most likely to provide optimum pain relief, nor do they answer questions about long-term effectiveness. (Carroll-Cochrane, 2001) Several published evidence-based assessments of transcutaneous electrical nerve stimulation (TENS) have found that evidence is lacking concerning effectiveness. One problem with current studies is that many only evaluated single-dose treatment, which may not reflect the use of this modality in a clinical setting. Other problems include statistical methodology, small sample size, influence of placebo effect, and difficulty comparing the different outcomes that were measured. As the TENS unit is not certified, the requested conductive garment for the TENS unit is not medically necessary and the request is thus not certified.