

<b>Case Number:</b>	CM15-0215868		
<b>Date Assigned:</b>	11/05/2015	<b>Date of Injury:</b>	07/14/2012
<b>Decision Date:</b>	12/16/2015	<b>UR Denial Date:</b>	10/08/2015
<b>Priority:</b>	Standard	<b>Application Received:</b>	11/03/2015

### 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: California, Oregon, Washington  
Certification(s)/Specialty: Orthopedic Surgery

### 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 42 year old male, who sustained an industrial injury on 7-14-2012. Medical records indicate the worker is undergoing treatment for lumbar disc displacement and thoracic spine pain. A progress report dated 9-21-2015, reported the injured worker complained of low back pain with occasional spasms. Physical examination revealed positive lumbar facet loading and negative straight leg raise test. Treatment to date has included 10 post-operative physical therapy visits with little benefit, Cyclobenzaprine, Valium and Motrin. The physician is requesting Cyclobenzaprine 7.5mg #60, Valium 5mg #30 and Motrin 600mg #90. On 10-8-2015, the Utilization Review non-certified the request for Cyclobenzaprine 7.5mg #60, Valium 5mg #30 and Motrin 600mg #90.

### IMR ISSUES, DECISIONS AND RATIONALES

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

**Cyclobenzaprine 7.5mg bid #60:** Upheld

**Claims Administrator guideline:** Decision based on MTUS Chronic Pain Medical Treatment 2009, Section(s): Cyclobenzaprine (Flexeril), Muscle relaxants (for pain).

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Medical Treatment 2009, Section(s): Cyclobenzaprine (Flexeril), Muscle relaxants (for pain).

**Decision rationale:** According to the CA MTUS, Chronic Pain Medical Treatment Guidelines, Cyclobenzaprine, pages 41-42 "Recommended as an option, using a short course of therapy. Cyclobenzaprine (Flexeril) is more effective than placebo in the management of back pain; the effect is modest and comes at the price of greater adverse effects. The effect is greatest in the first 4 days of treatment, suggesting that shorter courses may be better. (Browning, 2001) Treatment should be brief. There is also a post-op use. The addition of cyclobenzaprine to other agents is not recommended." CA MTUS Chronic Pain Medical Treatment Guidelines, pages 64-65, reports that muscle relaxants are recommended to decrease muscle spasm in condition such as low back pain although it appears that these medications are often used for the treatment of musculoskeletal conditions whether spasm is present or not. The mechanism of action for most of these agents is not known. CA MTUS Chronic Pain Medical Treatment Guidelines, page 41 and 42, report that Cyclobenzaprine, is recommended as an option, using a short course of therapy. See Medications for chronic pain for other preferred options. Cyclobenzaprine (Flexeril) is more effective than placebo in the management of back pain; the effect is modest and comes at the price of greater adverse effects. The effect is greatest in the first 4 days of treatment, suggesting that shorter courses may be better. (Browning, 2001) Treatment should be brief. This medication is not recommended to be used for longer than 2-3 weeks and is typically used postoperatively. The addition of cyclobenzaprine to other agents is not recommended. In this case there is no evidence of muscle spasms on review of the medical records from 9/21/15. There is no evidence of functional improvement, a quantitative assessment on how this medication helps, percentage of relief lasts, increase in function, or increase in activity. Therefore chronic usage is not supported by the guidelines. There is no indication for the prolonged use of a muscle relaxant. Thus the recommendation is for non-certification. The request is not medically necessary.

**Valium 5mg qhs #30:** Upheld

**Claims Administrator guideline:** Decision based on MTUS Chronic Pain Medical Treatment 2009, Section(s): Benzodiazepines.

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Medical Treatment 2009, Section(s): Benzodiazepines.

**Decision rationale:** According to the CA Chronic Pain Medical Treatment Guidelines, page 24, Benzodiazepines, "Not recommended for long-term use because long-term efficacy is unproven and there is a risk of dependence. Most guidelines limit use to 4 weeks. Their range of action includes sedative/hypnotic, anxiolytic, anticonvulsant, and muscle relaxant. Chronic benzodiazepines are the treatment of choice in very few conditions. Tolerance to hypnotic effects develops rapidly. Tolerance to anxiolytic effects occurs within months and long-term use may actually increase anxiety. A more appropriate treatment for anxiety disorder is an antidepressant. Tolerance to anticonvulsant and muscle relaxant effects occurs within weeks." In this case there is no rationale from the exam note of 9/21/15 why Valium is required. Therefore the request for Valium is not medically necessary and is not certified.

**Motrin 600mg tid #90:** Upheld

**Claims Administrator guideline:** Decision based on MTUS Chronic Pain Medical Treatment 2009, Section(s): NSAIDs (non-steroidal anti-inflammatory drugs), NSAIDs, specific drug list & adverse effects.

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Medical Treatment 2009, Section(s): NSAIDs (non-steroidal anti-inflammatory drugs).

**Decision rationale:** According to the CA/MTUS Chronic Pain Medical Treatment Guidelines, page 67, NSAIDs, specific recommendations are for "Osteoarthritis (including knee and hip): Recommended at the lowest dose for the shortest period in patients with moderate to severe pain. Acetaminophen may be considered for initial therapy for patients with mild to moderate pain, and in particular, for those with gastrointestinal, cardiovascular or renovascular risk factors. NSAIDs appear to be superior to acetaminophen, particularly for patients with moderate to severe pain. There is no evidence to recommend one drug in this class over another based on efficacy. In particular, there appears to be no difference between traditional NSAIDs and COX-2 NSAIDs in terms of pain relief. The main concern of selection is based on adverse effects. COX-2 NSAIDs have fewer GI side effects at the risk of increased cardiovascular side effects, although the FDA has concluded that long-term clinical trials are best interpreted to suggest that cardiovascular risk occurs with all NSAIDs and is a class effect (with naproxyn being the safest drug). There is no evidence of long-term effectiveness for pain or function. (Chen, 2008) (Laine, 2008)" In this case after review of the medical records from 9/21/15 there is insufficient evidence to support functional improvement on Ibuprofen or osteoarthritis to warrant usage. Therefore the determination is non-certification. The request is not medically necessary.