

<b>Case Number:</b>	CM15-0080301		
<b>Date Assigned:</b>	05/01/2015	<b>Date of Injury:</b>	02/08/1998
<b>Decision Date:</b>	06/03/2015	<b>UR Denial Date:</b>	04/07/2015
<b>Priority:</b>	Standard	<b>Application Received:</b>	04/27/2015

### 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: New York, Tennessee

Certification(s)/Specialty: Emergency Medicine

### 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 58 year old male who sustained an industrial injury on 2/8/98. The injured worker reported symptoms in the back. The injured worker was diagnosed as having cervical sprain/strain, lumbar sprain/strain, shoulder sprain/strain, wrist tendinitis/bursitis and hand sprain/strain. Treatments to date have included activity modification, a one point cane, aqua therapy, anti-inflammatory medications, and oral pain medication. Currently, the injured worker complains of neck and back discomfort. The plan of care was for a KHS Tandemania Alite Bike.

### IMR ISSUES, DECISIONS AND RATIONALES

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

**KHS Tandemania Alite Bike, Including Specialized Tube Thorn Resistant 26x2-2.3 32 mm, Wald Rear Basket Silver, Stop Flats Tire Liner Brown 26x2.215: Upheld**

**Claims Administrator guideline:** The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG).

**MAXIMUS guideline:** Decision based on MTUS Chronic Pain Treatment Guidelines Pain Interventions and Guidelines.

**Decision rationale:** Tandemania bike is an exercise device. Exercise is recommended. There is strong evidence that exercise programs, including aerobic conditioning and strengthening, are superior to treatment programs that do not include exercise. There is no sufficient evidence to support the recommendation of any particular exercise regimen over any other exercise regimen. A therapeutic exercise program should be initiated at the start of any treatment or rehabilitation program, unless exercise is contraindicated. Such programs should emphasize education, independence, and the importance of an on-going exercise regime. A recent study of the long term impact of aerobic exercise on musculoskeletal pain found that exercise was associated with a substantial and significant reduction in pain even after adjusting for gender, baseline BMI and attrition, and despite the fact that fractures, a significant predictor of pain, were slightly more common among exercisers. A recent trial concluded that active physical treatment, cognitive-behavioral treatment, and the two combined each resulted in equally significant improvement, much better compared to no treatment. Progressive walking, simple strength training, and stretching improved functional status, key symptoms, and self-efficacy in patients with fibromyalgia. Physical conditioning in chronic pain patients can have immediate and long-term benefits. Exercise programs aimed at improving general endurance (aerobic fitness) and muscular strength (especially of the back and abdomen) have been shown to benefit patients with acute low back problems. So far, it appears that the key to success in the treatment of low back pain is physical activity in any form, rather than through any specific activity. One of the problems with exercise, however, is that it is seldom defined in various research studies and its efficacy is seldom reported in any change in status, other than subjective complaints. If exercise is prescribed a therapeutic tool, some documentation of progress should be expected. While a home exercise program is of course recommended, more elaborate personal care where outcomes are not monitored by a health professional, such as gym memberships or advanced home exercise equipment, may not be covered under this guideline. In this case the Tandemania bicycle is requested for home exercise program. There is no documentation that there will be home professional oversight for the use of the bicycle. The request is not medically necessary.