Delay The Progression Of OA

Clinically Proven To Be More Effective Than Exercise Alone

The pathological changes in OA gait biomechanics are directly linked to the progression of knee OA. The OA-LP Rehabilitator Knee Brace corrects abnormal OA gait with routine brace use. With 90 days of daily use, a clinical study has demonstrated that the gait correcting features of the OA Rehabilitator re-facilitates neurological excitation of the affected quadriceps muscles leading to increased un-braced dynamic support of the knee joint. Patients on average added 3/4 inch of quadriceps muscle mass, demonstrated significant reductions in un-braced knee pain and increased functional capabilities. Most importantly, the knee adduction moment was shown to be reduced by 48% in the un-braced knee compared to a 14% reduction in patients completing 90 days of a supervised exercise program alone. Thus the use of the OA - LP Rehabilitator is believed to be more effective than exercise alone in the conservative treatment of knee OA.

**Clinical Study Findings**

- Significant reduction in knee pain unbraced
- Improved functional capabilities
- Increased gait speed and enhanced gait biomechanics
- Average increase in thigh circumference of 3/4 inch
- Improved dynamic support of the knee
- Reduced knee adduction moment of 48% unbraced
- Compares to 14% reduction in knee adduction moment with OA exercise program
- Delays the progression of knee OA more effectively than exercise alone.
- Each step in an OA - LP REHABILITATOR is one step closer to less knee pain and a step away from Total Knee Replacement surgery

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2. Gait and Clinical Improvements with a Novel Knee Brace for Knee OA, Aaron J. Johnson, MD, Roland Starr, MS, Bhaveen H. Kapadia, MD, Anil Bhave, PT, Michael Mont, MD.

U.S. Patents
7,608,051, 7,963,933, 8,057,414