



CLINICALLY PROVEN



Life Without Limitations®

UNLOADER ONE® BY ÖSSUR

A clinically proven treatment option for unicompartmental osteoarthritis (OA) of the knee and its associated pain.

Recent clinical research by the Steadman Philippon Research Institute demonstrated the following results for patients using the Unloader One knee brace¹:



DECREASED PAIN



IMPROVED FUNCTION



REDUCTION IN USAGE OF PAIN MEDICATION



Unloader One on leg



DECREASED KNEE PAIN

For a more active life

The support provided by the brace enables many users to take up activities they might have started to avoid because of the pain and stiffness caused by OA.



IMPROVED FUNCTION

Helping to avoid or postpone surgery

For some patients, the Unloader One can mean surgery is no longer a necessity, as their mobility is increased and pain is reduced. For others, the brace is used as an interim solution, postponing the need for surgery until they feel both mentally and physically prepared for the procedure.



REDUCED USAGE OF PAIN MEDICATION

Avoiding unwanted side effects

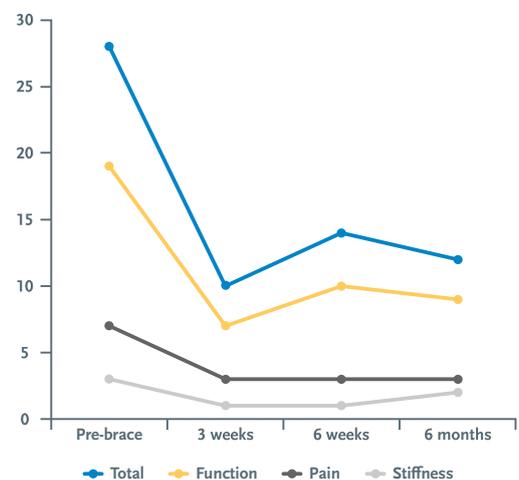
As pain decreases, with use of the Unloader One, so does reliance on painkillers. While they certainly have their uses, the stronger painkillers can have negative side-effects when used over extended periods of time.

•• STATISTICAL OUTCOMES

Significant improvement was seen in the pain, stiffness, and function sub-components of the WOMAC score ($p < 0.05$) from pre-brace to 6 months.



WOMAC SCORE

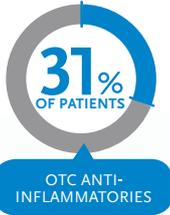




•• IMPROVED QUALITY OF LIFE

Reduced pain and increased activity through use of the Unloader One OA knee brace adds up to a better quality of life. With mobility restored, patients engage in various activities without the limitations of a constantly painful knee. Increased mobility also helps avoid weight gain that often exacerbates the symptoms of OA.

At 6 months, a considerable percentage of patients reported a **REDUCTION IN MEDICATION USE:**



Patients also had a significant improvement in their quality of life physical component as shown by the SF-12 (p<0.05).



•• STUDIES

1. Briggs KK, Matheny LM, Steadman JR. Improvement in quality of life with use of an Unloader knee brace in active patients with OA: A prospective cohort study. *J Knee Surg* 2012; Advance online publication. Retrieved 23rd August 2012. doi:10.1055/s-0032-1313748
2. Pollo FE, Jackson RW. Knee bracing for unicompartmental osteoarthritis. *J Am Acad Orthop Surg* 2006; 14(1): 5-11.
3. Kirkley A, Webster-Bogaert S, Litchfield R, et al. The effect of bracing on varus gonarthrosis. *J Bone Joint Surg Am* 1999; 81(4): 539-548.
4. Pollo FE, Otis JC, Backus SI, et al. Reduction of medial compartment loads with valgus bracing of the osteoarthritic knee. *Am J Sports Med* 2002; 30(3): 414-421.

More studies at www.ossur.com



•• ABOUT ÖSSUR

Össur is a global leader in the development of non-invasive orthopedics. Always at the forefront of innovation, delivering a wide range of products and services, Össur's reputation has been built on scientifically-proven designs with an emphasis on clinical outcomes.

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