



Unloader One® – Pain relief without medication



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Many people suffer unnecessarily from knee pain due to osteoarthritis (OA), a degenerative joint disease characterised by the breakdown of cartilage that cushions the bones of the knee.

The Unloader One from Össur is a highly effective, non-invasive solution that unloads the affected cartilage to relieve pain and improve mobility. Scientifically proven and a relatively economical treatment option, it is suitable for all levels of activity. The unloading action of the brace also counteracts the advancement of cartilage abrasion, effectively impeding further progression of the disease.

Brought right up-to-date with the latest technology, the Unloader One is the result of significant improvements to the original Unloader concept. The lightweight, low profile design overcomes typical patient objections to bracing, ensuring excellent compliance and outcomes.

Indications

- Mild to severe unicompartmental osteoarthritis
- Unicompartmental knee conditions requiring load reduction, such as:
 - articular cartilage defect repair
 - meniscal cartilage repair
 - avascular necrosis



Weight bearing without brace



Weight bearing with Unloader One

Pain management – measurable & repeatable treatment for osteoarthritis of the knee



Dynamic function – secure offloading reduces further damage



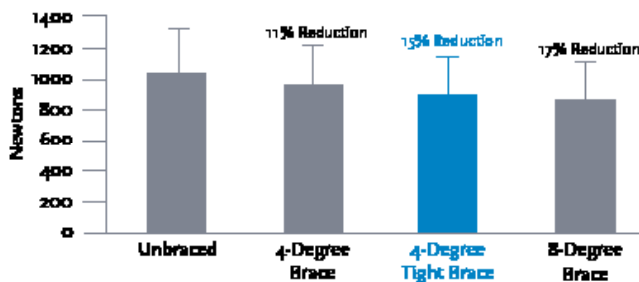


Effective

DYNAMIC - Two dynamic force straps increase unloading capabilities and prevent rotation of the brace on the leg. The strap system pushes the knee into varus/valgus, offloading the affected areas and providing maximum relief when needed most – during loading.

SECURE - The dynamic three-point leverage unloading system unloads the affected knee compartment (medial or lateral), significantly reducing the pain of osteoarthritis and enabling the patient to increase activity levels with confidence.

PROVEN - Numerous clinical studies have proved the Unloader concept to be effective in reducing excessive loading on the damaged part of the knee, relieving pain, improving function and reducing further joint damage.



The average medial compartment load for a group of OA patients in four conditions: unbraced, bracing with 4° of valgus correction, bracing with 4° of valgus correction and a tight Dynamic Force Strap (Össur, Reykjavik, Iceland), and bracing with 8° of valgus correction.

Pollo, F.E., Jackson, R.W. Knee Bracing for Unicompartmental Osteoarthritis. Journal of the American Academy of Orthopaedic Surgeons, 14(1), pp.5-11.

Unique

AEROSPACER PADDING - Breathable liners featuring Össur's Sensil® silicone technology virtually eliminate brace migration.

DYNAMIC FORCE CONTROL - This unique ratcheting system allows for measurable and repeatable adjustment of the unloading varus/valgus force by the patient for easier pain management.

QUICK-FIT BUCKLES - The patient-friendly buckle design with leverage arm enables easy application and removal without the need for cumbersome strap adjustment.

Compli-

COMFORT - Breathable liners in conjunction with a perforated, lightweight frame keeps the user cool and comfortable during use.

LOW PROFILE - The flexible, low-profile upright accommodates the contours of the limb and makes the brace easy to wear under clothing.

EASY APPLICATION - Quick-connect strapping makes the initial strap application and removal/replacement of the straps simple and tool-free.

Easy application - dynamic adjustment of the unloading varus/valgus force



Successful outcome - good patient compliance due to low profile design



Unloader One®

Pain relief without medication

- Proven pain reduction capabilities
- Greater levels of compliance
- Dynamic function

EFFECTIVE • COMPLIANT • UNIQUE



Dual Dynamic Force Straps increase unloading capabilities and prevent rotation of the brace on the leg



Tool-free, ratcheting Dynamic Force Control System enables self-dosing by the patient for easier pain management



Breathable liners featuring Össur Sensil® Silicone Technology on an Aerospacer base material eliminate migration



Quick Fit Buckles with leverage arms enable easy application and removal without the need for cumbersome strap adjustment

Unloader One Online Interactive Competency Program & Video Fitting Instructions
www.ossur.com/oakneebraces

Unloader One OTS (Off The Shelf)

Size	Circumference*	Hinge medial **		Hinge lateral **	
		Left	Right	Left	Right
Small	25 to 35.5 cm	B-240611712	B-240511712	B-240621712	B-240521712
Medium	35.5 to 42.5 cm	B-240611713	B-240511713	B-240621713	B-240521713
Large	42.5 to 51 cm	B-240611714	B-240511714	B-240621714	B-240521714
X-Large	51 to 61.5 cm	B-240611715	B-240511715	B-240621715	B-240521715

* Circumference measurement: 15cm below mid-patella

** Hinge placement on affected side

Unloader One Custom

Colour	Thigh circ.	Calf circ.	Left	Right
Black	34.3 - 73.5cm	25 - 61.5cm	B-115600110	B-115500110
Grey	34.3 - 73.5cm	25 - 61.5cm	B-115601710	B-115501710

To order an Unloader One Custom, please complete the Custom order form (available from Customer Care or on the website) and send with full leg cast (instructions on order form).

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