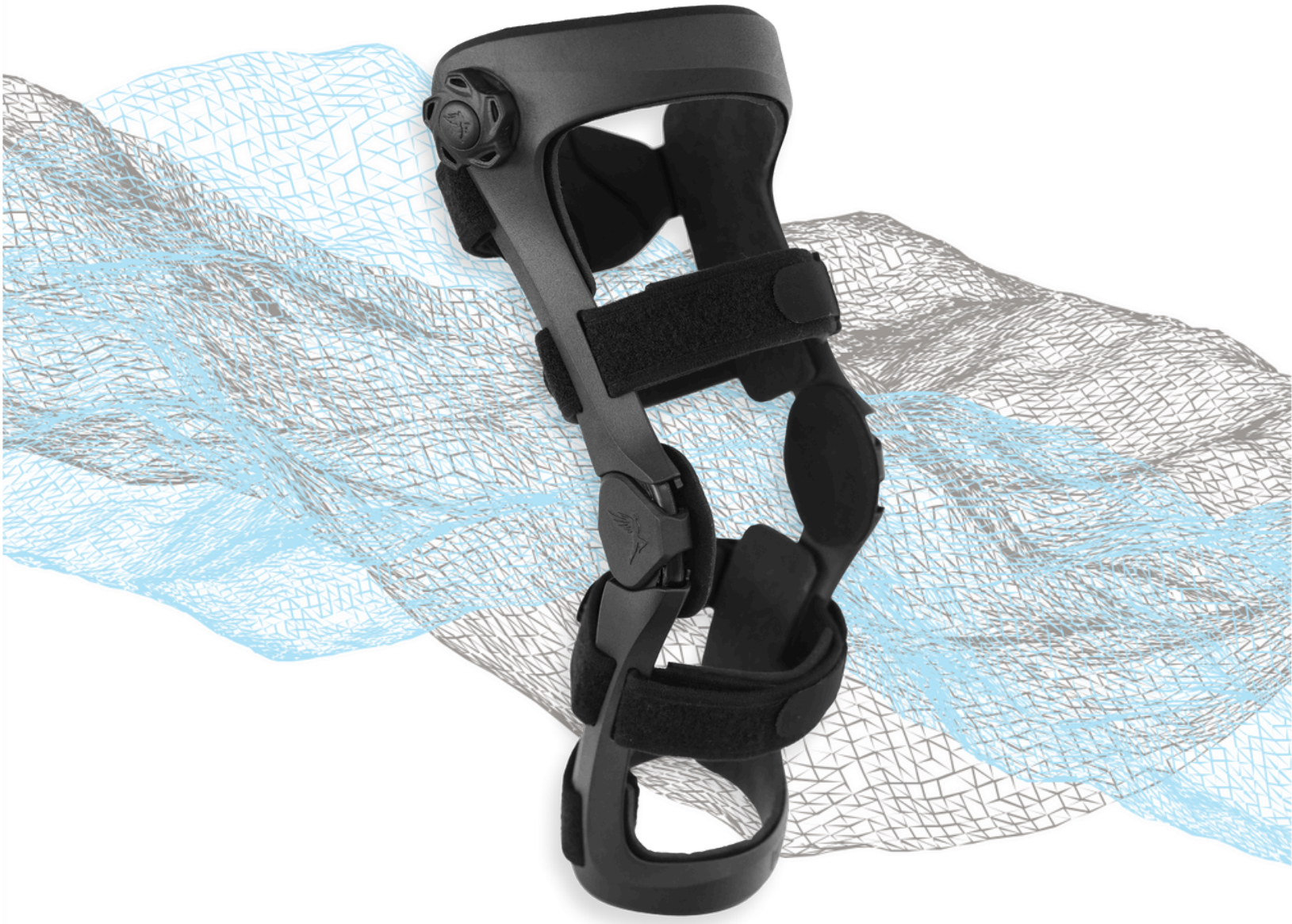
PDAC APPROVED

ASCENDER®

PATELLOFEMORAL UNLOADER

L1846 CUSTOM-FABRICATED · L1845 CUSTOM FIT · L1852 PRE-FABRICATED

PATENT NUMBER US 10806619



ICARUS®

MADE IN USA

INDICATIONS: Anterior Knee Pain · Patellofemoral Osteoarthritis · Multi-Compartment Osteoarthritis · Medial and Lateral OA
Patellar Tendonitis/Tendonosis · ACL Unloading · Post-Op Recovery · Extensor Mechanism Unloading

RISE ABOVE

ASCENDER®

PATELLOFEMORAL UNLOADER KNEE BRACE

L1846 CUSTOM-FABRICATED
L1845 CUSTOM FIT
L1852 PRE-FABRICATED

WARRANTY	CUSTOM	OTS
Tensioning System	5 Years	2 Years
Frame and Hinge	5 Years	2 Years
Straps and Pads	6 Months	6 Months

The Ascender's force-distributing, extension-assisting hinge mechanism allows for force offloading of up to 40 pounds from the knee. Because this is a fulcrum joint, the actual amount of weight unloaded is a multiple of this amount.

With an average weight of less than one pound and a frame that is digitally modeled to fit the wearer's leg contours, the Ascender offers a sleek, form-fitting design to emphasize comfort and reduce bulk. The Ascender acts as an external muscle-tendon system that can rapidly engage, disengage, and adjust tension in the hinge.





PATENTED TENSIONING DIAL
- Patient adjusted support

LIGHTWEIGHT, STRENGTH OPTIMIZED NYLON FRAME
- Average weight is around 1 lbs.

ENERGY-RETURN HINGE
- Unloads up to 40 lbs. from the joint

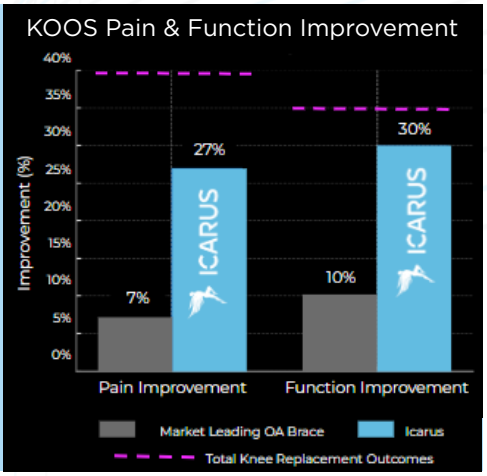
CONTOURED, CUSTOM FIT
- Fully custom fit, adjustable to patient leg

AVERAGE
REDUCTION IN PAIN
59%

AVERAGE
IMPROVED FUNCTION
37%

AVERAGE
INCREASE IN ACTIVITY
87%

Icarus' patient reported outcomes (n=134) are 3-4X better than previously published outcomes for the market leading OA brace (n=142). Icarus' outcomes are comparable to previously published outcomes for total knee replacement, but with 0 risk and lower cost to the patient.



Hjartarson HF, Toksvig-Larsen S. Clinical effect of an unloader brace for knee OA: 1-year randomized controlled trial. BMC Musculoskelet Disord. 2018
Nilsdotter AK, Toksvig-Larsen S, Roos EM. Five-year outcomes after total knee replacement. Osteoarthritis Cartilage. 2009

Scan the QR code for more information

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