

EvolveTM

The first OA knee brace in the world to reproduce the natural movement of the knee



Evoke™

PRODUCT HIGHLIGHTS



Reproduces the natural movement of the knee

Patented Asymotion™ helicoidal hinge system reproduces the natural tridimensional kinematics of the knee. This unique mechanism replicates internal and external rotation, abduction, and adduction as well as anteroposterior and vertical displacements of the knee. The fluid and natural motion of the knee reduces ache on other joints as well



Lightest OA knee brace in the world

50% lighter than other OA braces on the market



Perfect fit on all morphologies

Scan-to-print design using digital modelization and 3D printing allows to build the most custom brace on the market that fits on any body type



No migration

Unparalleled fit and perfect tracking of the leg movement provides extra hold on the leg, eliminating migration



Realignment & Unloading Method

Unique 3D modeling system allows to relieve symptoms of osteoarthritis

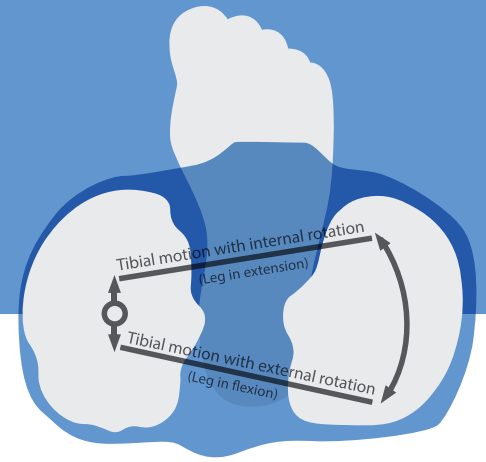


Discreet & Hyper low profile design

Can be worn comfortably underneath pants

ASYMOTION™ HINGE SYSTEM

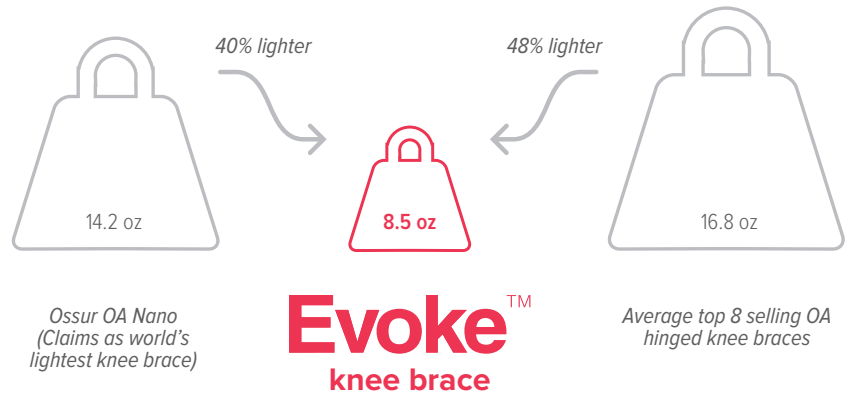
Displacement of the medial and lateral condyles are not symmetrical. This induces the «screw-home» mechanism of the knee. Thanks to our asymmetrical hinge system, the Evoke™ brace is the only one to capture exactly both sides of this movement. This prevents compensation of other articulations like the ankle or the hip and results in an unparalleled comfort.



ADVANCED 3D PRINTING

The additive manufacturing process that Osskin uses was developed in the aerospace industry.

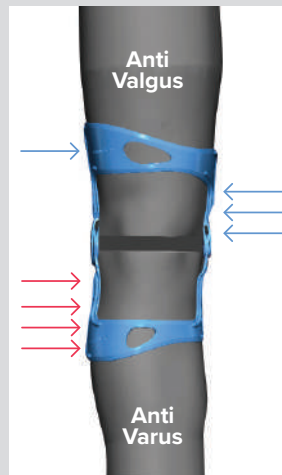
This technology fuses layers of polyamide powder with a laser in order to obtain a dense and rigid material. This ultra resilient and abrasion resistant material is also used in safety airbags, rock climbing ropes and military protective glasses.



REALIGNMENT & UNLOADING METHOD

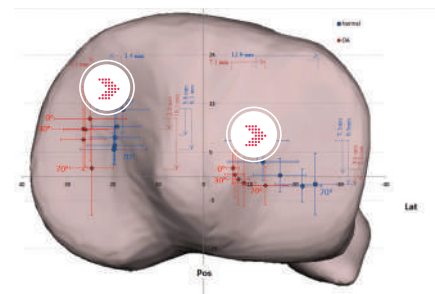
Relieve pain and restore natural motion

Our unique modelization takes into account OFFLOADING AND TRANSLATION for optimal realignment.



OFFLOADING

TRANSLATION



Contact points are shifted back towards their original locations

By bringing the contact points of the knee towards to their normal path, thus unblocking the external condyle, the patients regain their natural motion.

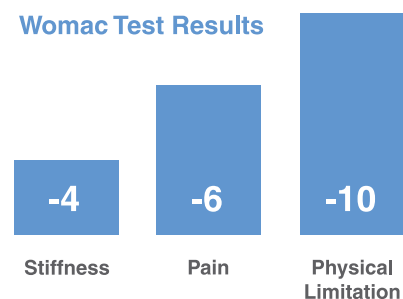
On the long term, it decreases wear and tear of the joint, preventing OA from worsening.

20 WOMAC POINT IMPROVEMENT

CLINICAL TEST RESULT

Have been conducted on several patients wearing the Evoke™ brace between 3 and 6 weeks. Results showed a marked decrease in pain and stiffness. Patients also felt much less limitations when wearing the Evoke™ brace.

Womac Test Results



SCAN-TO-PRINT SOLUTION



Health practitioner makes an assessment and scans the lower limb of their patient. Sends files to Osskin team



Qualified technician at Osskin corrects the alignment of the leg and thigh by customizing the knee orthosis on 3D digital model by using proprietary technology



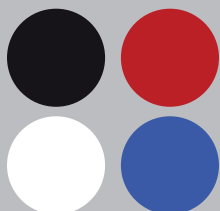
3D printing of the personalized frame realized by additive manufacturing



Final assembly and shipping of the knee orthosis to patient's health practitioner for device fitting and order pick up

COLOURS

Femoral part



Tibial part



PATIENTS

- Active Adults
- Activities
- hiking
 - walking
 - gardening
 - golfing



INDICATIONS

- Mild to severe osteoarthritis
- Knee conditions requiring load reduction and redistribution
- Torn meniscus



OPTIONS

- Additional adjustable straps:
- Tibial Anterior
 - Tibial Posterior
- Extra padding:
- Supra condyle
 - Lateral condyle
 - Medial condyle

WARRANTIES

OssKin warrants the frame components to be free of defects in materials and workmanship for the lifetime of the original patient. Straps, liners/covers, pads, pins and other soft components shall be warranted free from defects in materials and workmanship for 6 months.