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

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

REVOLUTION IN MOTION

Femoral part
Tibial part

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

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

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

PATIENTS

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.
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

Realignement & Unloading Method
Unique 3D modeling system allows to relieve symptoms of osteoarthritis

Discreet & Hyper low profile design
Can be worn comfortably underneath pants
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.

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.

REALIGNMENT & UNLOADING METHOD

Relieve pain and restore natural motion

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

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.

RETOURS CLINICAL RESULTS

Womac Test Results

<table>
<thead>
<tr>
<th>Stiffness</th>
<th>Pain</th>
<th>Physical Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>-4</td>
<td>-6</td>
<td>-10</td>
</tr>
</tbody>
</table>
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