

UniReliever V2

Single Upright OA Knee Brace

Description

The UniReliever is intended for treatment of the indications listed in this document. The instructions are guidelines for use only and are not offered as medical recommendations.

Sizing

One Size

Left Medial/ Right Lateral

Right Medial/ Left Lateral

Indications

- Mild to severe unicompartmental osteoarthritis
- Meniscal cartilage repair
- Avascular necrosis
- Varus/valgus instability

Contraindications

- Ambulatory patients with severe genu recurvatum
- Open ulcerations, or skin conditions
- Patients with poor circulation

Materials

Textiles Components:

- Elastane
- Polyamide
- Ethylene Vinyl Acetate
- Silicone

Rigid Components:

- Aluminum
- Stainless Steel
- Polyoxymethylene
- Vinyl
- Polypropylene
- Polyamide
- Epoxy resin
- Brass

Warranty Information

Under normal use and conditions, the frame and hinge on your brace are covered by a one year warranty against defects or breaking. Straps, soft goods, hinge covers, and other replaceable parts are covered for six months. If you experience a problem with the fit or function of the brace, please call the medical provider who fit your brace.

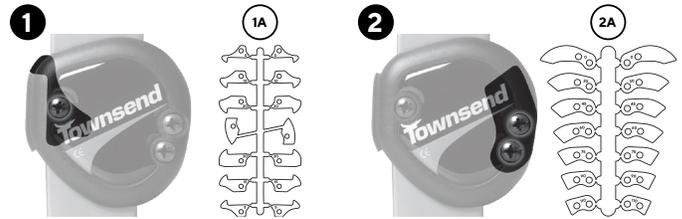
Warning & Precautions

The adjustment of the flexion/extension must be decided and performed by the healthcare professional, not by the patient OA correction.

The adjustment of the correction must be decided and performed by the healthcare professional, not by the patient.

Product Disclaimer

This knee brace is a product prescribed by a physician and should be used in accordance with his or her instructions, as part of a treatment plan for global health. Due to variations in age, health and physical condition, Thuasne does not make any specific recommendations regarding appropriate activities for the user of this knee brace. As the manufacturer has no role in patient selection, or fitting and adjusting the knee brace, or any role in instructing the patient and/or monitoring the use of the knee brace, Thuasne cannot be held responsible for the results arising from the use of the knee brace.



Control of Flexion/Extension

During the fabrication of the knee brace, the hinge is set at 0° extension and maximum flexion. To adjust and/or reduce the range of motion of the hinge. The extension and flexion stops are supplied on a plastic tree in the box (figure ①A, ②A).

Extension stops available: 0°, 5°, 10°, 15°, 20°, 30°.

Flexion stops available: 0°, 30°, 45°, 60°, 75°, 90°.

Instructions For Adjusting The Extension Stop

To install a different extension stop, follow these instructions:

1. Detach the stop required from the plastic support with all the stops available.
2. Remove the screw located on the side of hinge ①.
3. After removing the screws, flex the brace and remove the zero degree stop from each hinge. Note the direction each stop is facing.
4. Insert the desired stop, hole end first, with the hook end at the top and facing forward. Straighten the brace to full extension to push the stop down into position. The small hole in each stop must be aligned and visible through the screw hole so the screw will thread into the stop.
5. Reinsert and tighten the screw. Flex and extend the brace several times to ensure the stop is locked into position and functioning properly.

Instructions For Adjusting The Flexion Stop (Optional)

1. To limit flexion, detach the stop required from the two metal uprights with all the stops available. Each stop has the degree etched into the surface.
2. If you are installing the 110° flexion stops, remove the two screws from the posterior aspect the hinge cover ② and take out the spacer that was installed at the factory. Insert the stop, with the flat end facing up, and position it so the hole in the stop is visible through the lower screw hole in the cap. The screw must thread through the cap and stop to secure the stop in the proper position. The second (top) screw can be reinserted back into the hinge cap to fill the empty hole.
3. If you are installing the 0°, 30°, 45°, 60°, 75° or 90° flexion stop, remove both screws from the posterior aspect of each hinge cap and take out the spacer that was installed at the factory. Insert the stop with the flat end facing up and position it so that both holes in the stop are visible through the screw holes in the cap. Thread and tighten the screws through the cap and into both holes in the stop.
4. Flex the brace until the upright contacts the stop to ensure they are functioning properly.

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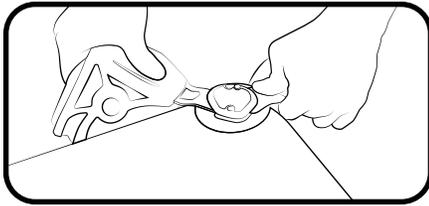
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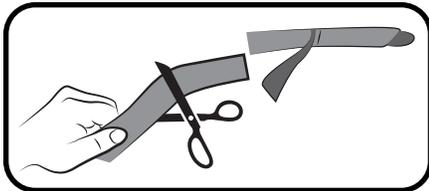
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Contouring Upright Bars

1. Place the brace on the edge of a table to stabilize the hinge. Bend the upright just above or below the hinge.
2. The upper and lower bar should be bent to allow the hinge to closely align with the knee without making contact. Corrective pressure will be applied through the cross strap and BOA fit system.



Adjusting strap Length

Remove the Velcro alligator tab from the end of the strap, trim the strap and reapply. The anti-migration pad on the inside of the strap may also need to be trimmed so the strap may be completely tightened around the patient's leg.

Step 1 – 2



Fitting Instructions

Step 1.

Patient should be seated at the edge of a chair with knee bent to 30°. Open all quick fit buckles on both the upper and lower shells of the brace

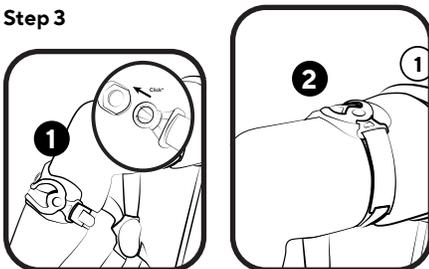
Step 2.

Disengage buckles and loosen all straps of the knee brace.

Ensure dial is pulled out so that there is no tension in the straps.

Position the brace on the leg with the hinge on **affected compartment side** align at knee center ①.

Step 3



Knee Center: This means the center of the hinge should align appropriately with the side of your knee in a position that corresponds with the upper third of your knee cap

Step 3.

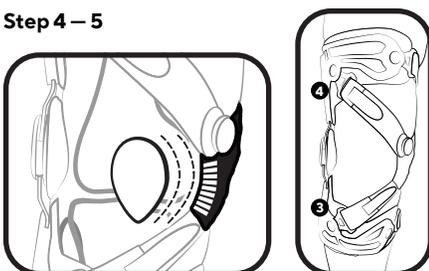
Close the lower calf strap buckle on the brace ①, followed by the top thigh strap buckle ②. This should secure the brace for positioning and application of the strap system, ensuring the hinge is positioned correctly. Trim straps accordingly.

Step 4.

Position the cross (where the straps intersect) parallel to the edge of the patella/knee cap.

Use the markings on the cross buttress to ensure proper alignment with the Patella

Step 4 – 5

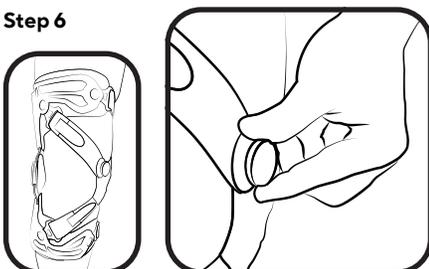


Step 5.

Close front tibia buckle ③, followed by the front thigh buckle ④ of the cross strap

- Adjust the tension of the cross strap at the posterior or back of the knee. Trim the straps as needed.
- Ensure that the cross buttress is tight against the side of the knee
- Strap buckles can be angled to ensure the straps fit flat against the back side of the leg
- Cut the straps to the desired length, be mindful not to cut straps too short
- The comfort pads fixed inside the straps may need to be removed for this operation and repositioned after the strap is cut to avoid any interference when the strap is tightened.

Step 6



Step 6.

The BOA® Dial on the Cross Strap system is set in a neutral position (w/ dial pulled out) out of the box. To offload the affected side of the knee, push the dial in, and turn clockwise to increase the corrective force to the desired amount based on the level of pain or support needed.

Start with a half turn of the dial and judge whether the correction level still needs to be adjusted after a few steps

Turning the dial counter clockwise to lessen the load or pull to release the tension.

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