

Active Reliever

Semi-Rigid Sleeve

Description

Semi-rigid osteoarthritis knee brace, featuring a soft shell, moldable metal uprights, TM5+ hinge and corrective force strapping.

Components

1. Calf sleeve
2. Thigh wrap
3. TM5+ hinge
4. Flexion / Extension Stops
5. Moldable metal stays
6. Corrective Force Strap
7. Posterior straps
8. Buckles
9. Velcro tabs

Indications

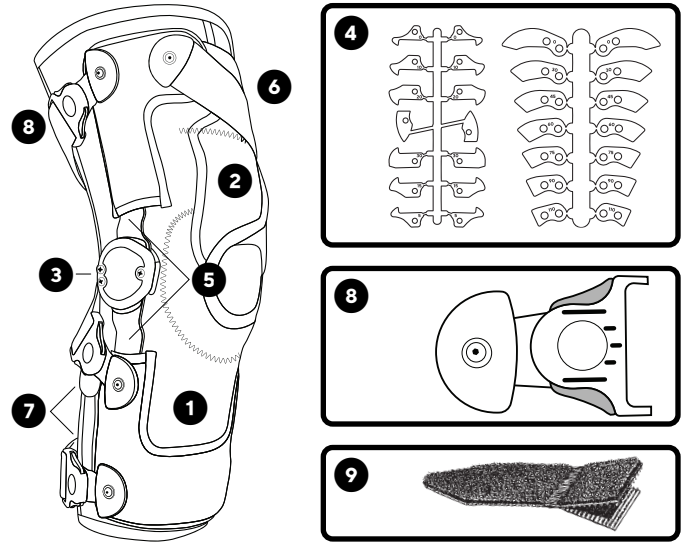
- Unicompartement osteoarthritis
- Articular cartilage defect repair
- Meniscal cartilage repair
- Osteochondral defect repair

Contraindications

Patients with severe arterial insufficiency and/or spider veins inducing skin at risk with the regular wearing of compression orthosis or a known reaction or allergy to any of the material ingredients

Warning

Read all instructions prior to use. If increased pain, swelling, change in sensation, or any adverse reactions are experienced while using this product, immediately consult your medical professional. This product is intended to be applied by qualified clinician as directed by a physician or other qualified healthcare practitioner. For single patient use only.



Precautions

- Closely follow your healthcare professional's prescription and recommendations for use.
- Check the product is not damaged before use.
- Do not apply the product directly over broken skin or an open wound without an appropriate dressing.
- In the event of discomfort, significant restriction or unusual sensations, remove the product and seek the advice of a healthcare professional.
- In the event of a change in product performance, contact the healthcare professional who prescribed or supplied the product.
- This product is intended for the treatment of a given condition. Its duration of use is limited to this treatment only.
- For hygiene and performance reasons, do not re-use the product for another patient.
- Do not apply the device in direct contact with a greasy substance (ointment, cream, etc.).
- Remove the product before any imaging exams.
- Store at room temperature, preferably in its original packaging.
- The product should be disposed of as per local regulations.

Customization options

- Upper and lower metal stays may be bent to conform to patient's morphology. Hinge should remain closely aligned with the side of the knee without making contact/applying pressure
- For additional stability, a semi-rigid thigh panel may be inserted into a pocket in the thigh wrap. Panel may be bent and trimmed to fit the patient.



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Remove stays and hand wash 30°C with mild detergent



Do not tumble



Do not Iron



Do not dry clean



Lay sleeve flat to dry



Do not bleach

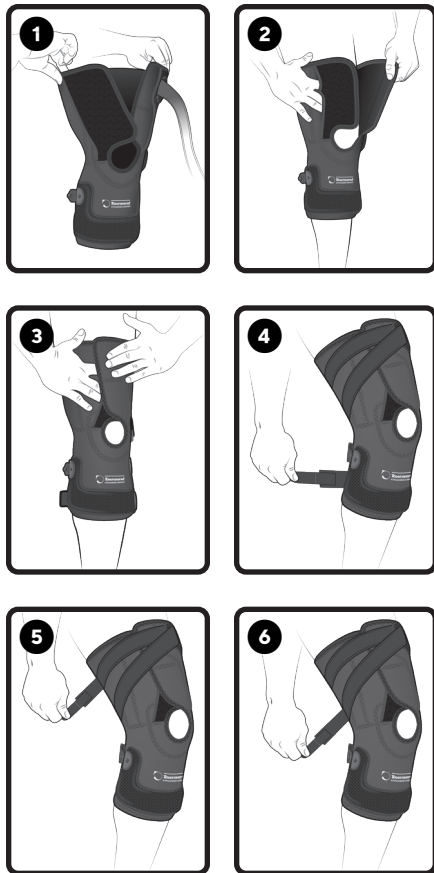


Do not submerge uprights and hinge in water



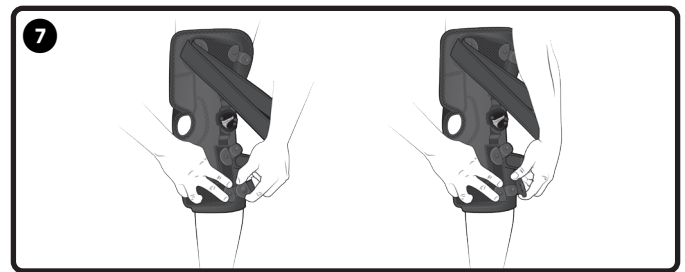
single patient, multiple use

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Fitting Instructions

1. Loosen all straps and open the upper thigh wrap
2. Slide brace up leg until knee cap is centered in patella opening
3. Straighten leg and secure the thigh wrap using finger assists
4. Insert two lower straps through end of each buckle and tighten, using Velcro tabs to secure. If straps are too long, remove Velcro tab and trim excess, reapply Velcro tab and secure.
5. Insert thigh strap into end of buckle and tighten, using Velcro tab to secure. Thigh strap may also be trimmed.
6. With knee flexed wrap the corrective force strap around the thigh and behind the knee, insert into buckle below the hinge. Corrective force strap may also be trimmed to fit
7. To remove, unfasten all buckles and thigh wrap, slide down the leg



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 on the hinge, follow these instructions. 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°, 110°.

Instructions For Adjusting The Extension Stop

At the time of fabrication, a zero degree extension stop have been installed in the TM5+ Hinge. 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 the hinge ①.
3. After removing the screw, flex the brace and remove the zero degree stop from the hinge. Note the direction the 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 metal uprights with all the stops available. Each stop has the degree etched into the surface.
2. If you are installing the 110° flexion stop, remove the screw from the posterior aspect of the hinge cover ② and take out the spacer that was installed at the factory. There is only one hole in the 110° stop. 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 a 0°, 30°, 45°, 60°, 75° or 90° flexion stop, remove the screw from the posterior aspect of the 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 it is functioning properly.

