



THUASNE

ROM-R Knee



Medical Professional Instruction Guide

Indications:

- Total or partial cruciate ligament tears (anterior/posterior) in pre/post-operative or functional treatment.
- Medium or serious lateral ligament sprains (internal/external)
- Control and/or locking, post-traumatic and post-operative immobilization/limitation of knee movement (patellar ligament, articular cartilage, meniscus, fixed or stable fractures of the tibial plateau, condyles, proximal tibial or distal femur.

Contraindications:

- Unstable fractures.
- Proximal femoral fractures.
- Distal tibia or fibula fractures.
- Patients with severe arterial failure arterial insufficiency.
- Allergy to any of the components.

RECOMMENDATIONS

When possible, the ROM-R post-op brace should be pre-fit and adjusted prior to surgery as part of the patient's pre-operative care.



Positioning the Hinge/Bar Assembly

For your convenience, the straps have been pre-inserted through the bar assemblies and should not be removed. For larger patients, you may need to loosen the straps slightly to properly position the bars against the sides of the leg. Lift the patient's leg and slide the brace straps under the posterior aspect of the thigh and calf.



Comfort and Control

For added comfort and control, you can contour the semi rigid aluminum extension paddles located under the upper bar and calf strap to help create a more intimate fit, enhancing brace suspension.



Length Adjustment

Lift lever, adjust length, then snap back down to lock

ROM-R extension bars are routinely pre-set at the factory to 20 inches in length. The length can be adjusted by lifting the SnapLock adjustment mechanism lever (see photo), to extend or shorten the extensor bars to the desired length.



NOTE: To ensure proper locking alignment, make certain a line and number is visible prior to pressing down on the SnapLock adjustment mechanism lever.

Precautions for use:

- Do not apply the product in direct contact with broken skin.
- Venous thromboembolic risk assessment before any immobilization.

Side effects:

- No known side effects with correct use.

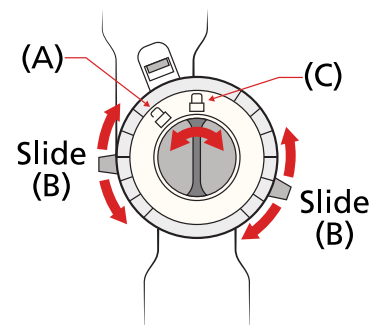
Caution:

- The flexion/extension settings must be defined and adjusted by a healthcare professional. The same angle settings must be applied to the right side and to the left side of the brace. Otherwise, the hinges could be damaged.

Hinge Settings

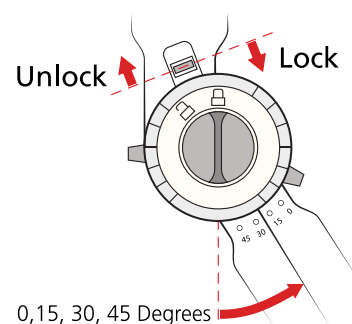
- Rotate the center dial to the "Unlock" position.
- Slide the dials to the prescribed flexion and extension positions.
- Rotate the center dial to "Lock" to lock the angles in place.

NOTE: The center LOCK and UNLOCK dial is for medical professional use only when setting flexion and extension stops.



Drop Lock Adjustment

The drop lock can be set according to the physician's protocol at 0, 15, 30 or 45 degrees and adjusted as the patient's rehab progresses. When non-weight bearing, the patient can lift the lever to disengage the lock on each hinge to bend their leg.





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Care and warranty

Care of the knee brace

- The uprights, buckles, straps, comfort pads and condylar pads may be washed with a mild soap, rinsed with water and air dried (do not use a tumble dryer). Do not remove the comfort pads that are attached to the inside shells of the brace.
- If necessary, you can lubricate the hinge with a synthetic lubricant.
- Do not allow the knee brace to be exposed to salt water. If this happens, wash the brace thoroughly with fresh water as soon as possible.

Washing instructions:

- Hand wash with mild soap, squeeze out excess water and dry in the ambient air away from heat sources.
- Do not use detergents, fabric softeners or aggressive products (products containing chlorine).
- Do not submerge the hinges when washing

Precautions:

- Follow the advice of the healthcare professional who prescribed or provided this product. Wearing this product can lead to skin reactions (redness, erythema) in some people. If need be, the product should be readjusted or removed and the healthcare professional who provided the product should be consulted.
- Store at room temperature, preferably in the original packaging.
- For hygiene and performance reasons, do not re-use this product on another patient.

Parts and after sales service

Comfort pads, condylar pads, straps and other parts of the brace may need to be repaired or replaced due to normal wear and tear. If this is the case, you should contact the professional who assisted you in ordering and fitting your brace. Certain parts are covered by a limited warranty (see information below).

Warranty

Under normal use and conditions, the knee brace is covered by a 6 months warranty against defects or breaking. If you experience a problem with the fit or function of the brace, please call the medical provider who fit your brace.

Product disclaimer - Patient

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, Townsend Design 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, Townsend Design cannot be held responsible for the results arising from the use of the ROM-R knee brace. If you have skin sensitivity, peripheral vascular disease, circulatory issues or a prior history of neuropathy, please make sure you have discussed these issues with your physician before wearing this product. When using the brace, if you experience abnormal skin issues, circulation issues (numbness or tingling sensation in your leg or foot), or significant discomfort, immediately discontinue use of the product and consult your physician or the person who fit your brace. While this brace is designed to provide support, improve leg alignment, and reduce loading forces on the medial compartment of the knee, results and benefits vary by patient and are often dependent on the fit, adjustment, and proper application and use of the brace -- which are factors the manufacturer does not control.