

Knee & Lower Limb

Paediatric Vea-ROM Universal

LVRK/100

Description

An orthosis constructed from 8mm Velfoam material with interior grey towelling to resist migration and offer extra comfort. The dial-in Vea-ROM hinge design allows 10° increments, with no tools required. The hinges can be locked at any angle and are detachable to allow for repositioning to maintain correct alignment. The lightweight aluminium uprights can be contoured to accommodate individual knee anatomy whilst ensuring medial/lateral stability in a choice of two lengths. Four circumferential hook and loop straps help prevent migration and ensure a secure and stable fit. Condyle pads are included for additional patient comfort.

Intended Purpose

To provide knee and lower limb support for an array of injuries and conditions, including Pre or Postoperative treatment for: Postoperative rehabilitation, Post trauma control and stabilisation.

Sizing

Measure the circumference of the thigh at 152mm above mid-patella

△ Fitting Instructions

We recommend the initial fitting of the device be conducted by a suitably qualified Healthcare Professional who will advise fitting, removal and period of use.

- Undo all hook and loop fastenings and straps and open the brace and lay flat (light grey side facing upwards) See **Fig.1**.
- Offer up the grey side of the brace to the back of the patient's leg ensuring the hinge dial is in line with the middle of the knee joint See **Fig.2**.
- Attach condyle pads to inside of both hinges using the touch and close pads provided See **Fig.3**.
- Offer the brace up ensuring alignment is maintained and secure the straps using the locator strap to aid in this process See **Fig.4**.
- Straps can be trimmed if needed by removing hook and loop croc clip end and reattaching when desired length has been sought, further adjustments can be made when the patient is standing if appropriate See **Fig.5**.
- Straps can be secured in any order (we suggest that the straps closest to the knee are secured first) See **Fig.6**.
- Further adjustments can be made with the patient is standing if required See **Fig.7**.
- EXTENSION / FLEXION ADJUSTMENT**
- Adjustment to hinge should only be made if advised by Clinician
- Loosen thumbwheel on the metal strut just above the hinge, such that the flexion and extension adjustment can move freely See **Fig.8**.
- Set the flexion and extension stops to the desired range-of-motion and retighten thumbwheel See **Fig.9**.
- Make sure thumbwheel engages smoothly and ensure the corresponding hinge is set at the same range-of-motion
- Once range of motion has been decided, an anti-tamper screw can be inserted and secured with an allen key See **Fig.10**





⚠ Contraindications

- Must not be used by individuals for whom compression is contraindicated
- Do not use on open wounds
- Any known allergy and/or hypersensitivity to any material listed in the product composition
- Caution should be used if prescribed to patients with diabetes, vascular deficiency and neuropathy

Warnings and Precautions

- Carefully read all instructions and warnings before use
- Follow all instructions to ensure proper performance of the brace
- Do not use if liniments, ointments, gels, creams or any other substances have been applied to the affected area
- Do not re-use for another patient, doing so risks cross-infection and can compromise product integrity
- To ensure the straps are not over tightened, perform regular skin and circulation checks, especially for patients with diabetes, vascular deficiencies and neurological conditions
- Should any adverse reactions occur, please remove, do not use and contact your healthcare professional or provider
- Check brace and all components for wear and tear
- The hook and loop fasteners must always be fastened when the device is not being worn or when being washed
- The durability of the device may be compromised by certain factors, e.g. objects with sharp edges or damage to the hook and loop fasteners
- Do not bend the hinges within 25mm of the hinge centre

Washing and care instructions

- Cover all the hook and loop straps and remove metal hinges
- Hand wash the brace in cool water using a mild detergent
- Rinse and air dry flat
- Do not spin or tumble dry
- Do not use fabric conditioner at any time
- Check for any degradation that may affect use
- Periodically check the hook and loop straps are operating securely
- Before using the brace again, replace the metal hinges

Product composition

Velfoam, Aluminium, Mild Steel, Plastic, Hook and Loop

Storage and transport conditions

Store in a cool, dry place out of direct sunlight, in the original packaging.

Recycling and disposal

Packaging and constituent parts should be recycled or safely disposed of in accordance with local or national laws.

Serious incident

Report any serious incident to the manufacturer and the competent authority of the EU Member State, or Country in which you reside.

Wash symbols



Hand wash



Dry flat



Do not tumble dry



Do not bleach



Do not dry clean



Do not iron



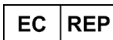
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This Medical Device conforms to the requirements of Regulation (EU) 2017/745 of the European Parliament and of the council of 5 April 2017



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