

Knee & Lower Limb

Bea-ROM Air Knee Brace

BR/AIR

Description

An orthosis constructed from velfoam material with grey towelling to resist migration and offer extra comfort. Features a dial-in hinge design that provides ROM control of flexion and extension in 10° increments. 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.

The brace is universal and will fit thigh circumference up to approximately 70cm.

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

One size fits most. The brace is universal in size.

⚠ 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.

1. Undo all hook and loop straps, open the brace and lay it flat **See Fig.1.**
2. Offer up the lateral side of the brace to the patient's leg with the hinge in line with the knee joint. Loosen the thigh and calf strap by pulling through the lateral thigh and calf sections sufficiently so that when the brace is again offered up to the leg the hinges align with the knee joint line and are parallel **See Fig.2.**
3. Loosen the adjustment wheel on thigh and calf components and extend to the desired length and retighten, repeat on the medial side **See Fig.3.**
4. Attach condyle pads to inside of both hinges using the touch and close pads provided **See Fig.4.**
5. Straps can be secured in any order (we suggest that the straps closest to the knee are secured first) **See Fig.5.**
6. Straps can be trimmed if needed by removing the hook and loop crop clip end and re-attaching when desired length has been sought **See Fig.6.**
7. Anti-migration strap can be tightened in the same way **See Fig.7.**
8. Further adjustments can be made with the patient is standing if required
9. **Extension / Flexion Adjustment:** Loosen thumbwheel on the metal strut just above the hinge **See Fig.8.**
10. Set the flexion and extension stops to the desired range-of-motion and retighten thumbwheel **See Fig.9.**
11. Ensure thumbwheel engages smoothly and the corresponding hinge is set at same range-of-motion
12. Once range of motion has been decided, an anti-tamper screw can be inserted and secured with 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 reuse 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

⚠ 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

8mm Velfoam with Towelling Lining, 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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