

## Knee & Lower Limb

Cast Hinges		
BCH/1212	BCH/1218L	BCH/1218R
BCH/1832L	BCH/1832R	BCH/PAED

### Description

An orthosis with proven ROM hinge comprise and easy to set flexion and extension. Anti-tamper screw allows you to lock out the hinge at the desired setting. Functional cast bracing is a mode of immobilisation for the upper and lower limbs. Immobilising the fracture but enabling the joints to flex and extended. This type of cast allows for the early mobilisation of the fracture, yet allowing the micromotion to aid healing and increase blood flow to soft tissue muscle and the fracture site.

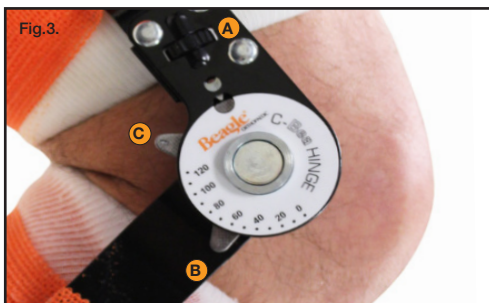
### Intended Purpose

To provide hip support for an array of injuries and conditions, including Pre or Postoperative treatment for: Functional casting bracing for immobilisation of the upper and lower limb.

### ⚠ 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. Apply the thigh and below knee cast components in line with your trust or hospitals protocol
2. Attach the hinges to the alignment jig using the easy to attach magnets, the jig will allow you to place the hinges in the correct position. The hinges should lie medially and laterally on the knee joint and two thirds into the joint, below the patella **See Fig.1.**
3. Using the same material as your cast, cast over the hinge head plates on the below knee section of the cast, then cast over the head plates on the thigh section of the cast **See Fig.2.**
4. Leave the cast to dry, as per your materials and manufacturers instructions
5. If you need to restrict joint movement **See Fig.3.**
6. Open the wheel on the hinge **(A)**
7. For flexion move the top arrow **(B)** to the desired restriction, ie 40° and close the wheel **(A)**
8. For extension move the arm of the hinge with the second arrow **(C)** sitting under the top arrow , set your required restriction and close the wheel **(A)**
9. Restriction can be adjusted by opening the wheel and gently moving the patient's foot to flex the knee to the desired



### **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

### **Washing and care instructions**

- 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

### **Product composition**

Aluminium, Mild Steel

### **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



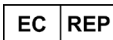
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This Medical Device conforms to the requirements of Regulation (EU) 2017/745 of the European Parliament and of the council of 5 April 2017



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