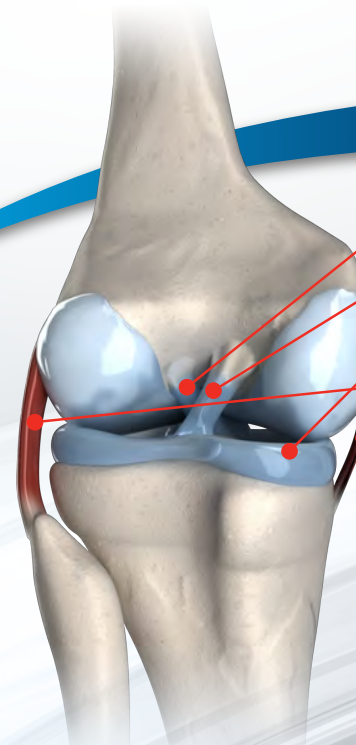


AcCeLerator Graphite Knee Orthosis™



The Perfect Fit For:



- Moderate to Severe PCL Instability
- Moderate to Severe ACL Instability
- Meniscal Damage
- Moderate to Severe LCL Instability
- Moderate to Severe MCL Instability
- Mild to Moderate Multi Ligamentous Instability
- Post Operative Volume Changes
- Excellent Hyperextension Control

SPECIFICATIONS OF THE ORTHOSIS

- Hand crafted, custom made to patient mold
- Open rigid frame for comfort & control
- Supracondylar suspension to prevent migration
- Strong and lightweight carbon frame
- Polycentric hinge for natural knee mechanics
- Extension stops 0 – 30 degrees
- Modular component design for easy maintenance
- Choice of colour or custom graphic finish
- Custom modifications available for use with sporting activities

THE Accelerator GRAPHITE KNEE ORTHOSIS

- For the patient that has moderate multi ligamentous instabilities or demands excellent ACL and/or hyperextension control
- For frontal, sagittal & transverse planes
- Offers exceptional translation control
- Tibial Containment System (TCS) option (not shown) provides a higher degree of ACL control

Wear & Care Instructions

Taking proper care of your orthosis will extend it's life and wearing pleasure.

To clean ENTIRE knee brace, wash in mild soapy water using a small nail brush or similar. The orthosis is waterproof, however, don't soak the brace in water, nor the joint. If brace is being worn during salt water activities, rinse brace with fresh water following use. Wipe excessive moisture from brace with a soft, clean towel. Leave the brace to air dry.

DO NOT PLACE OVER AIR VENT OR PLACE IN CLOTHES DRYER.

To clean the outside only - wipe with a soft, soapy cloth and wipe dry.

To protect vibrant colours of brace or restore shiny finish - spray with Armour All.

To lubricate joints, use a small amount of petroleum jelly and work into joint area. DO NOT SPRAY WITH WD-40 OR PETROLEUM JELLY. An annual review & maintenance servicing of the brace is recommended.

Available From:

 **The
Knee
Centre**

A DIVISION OF KARL HAGER LIMB & BRACE (2010)

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AcCeLerator Graphite Knee Orthosis™

Fitting Instructions for the ACCELERATOR Knee Orthosis

This knee orthosis has been designed and hand crafted purely for you and you alone!

How to Apply:

1. Have your knee flexed to approximately 30 – 50 degrees.
2. Apply the lower section below your knee. Slide brace up until the knee brace hinges are at midline with your patella (knee cap).
3. Apply the top portion of the brace over the thigh and work the skin and body tissue forward while working the brace into place. The knee should still be flexed in a 30 – 50 degree angle.
4. When the brace is comfortably in place on the leg fasten the straps.
 - **FIRST** – fasten the strap that is just below the knee behind the leg. This is the most important strap which needs to be snug.
 - **SECOND** – fasten the strap on your lower thigh.
 - **LAST** – fasten the remaining straps.
 - **Note** – the straps on the front do not need to be adjusted from initial fitting. The top thigh strap should be slightly loose when leg is extended. Once the leg is flexed the strap will become tight. If this strap is overly tight, this will affect the overall fit of the brace with the strap potentially breaking.

Please Note:

Your leg needs to adapt to having the brace on it. If you use the brace too much at the beginning your skin may become irritated. **YOU SHOULD NOT BE TOO ACTIVE WEARING THE BRACE FOR THE FIRST FEW DAYS.** If soreness occurs, leave the brace off for a day or so. If this condition persists every time you wear the brace, some adjustments may be necessary. **DO NOT WEAR THE BRACE IF IT IS CAUSING ANY PAIN OR EXCESSIVE SORENESS.** Adjustments typically don't take long, and should be addressed if needed.

An annual review and maintenance servicing of the brace is recommended to prolong the life of the brace and assure a quality fit. Contact the office where you received your knee brace if you have any questions or concerns.

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