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The Crusader™ - PCL Custom Functional Knee Brace

Instructions For Use

Please read these instructions completely and carefully before applying this brace. Correct application of the brace is important for proper function.



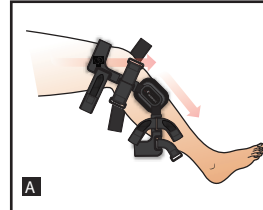
THE CRUSADER™ PCL CUSTOM FUNCTIONAL KNEE BRACE INSTRUCTIONS FOR USE

Please read the following instructions completely and carefully before applying this product. Correct application is important to the proper function of the brace.

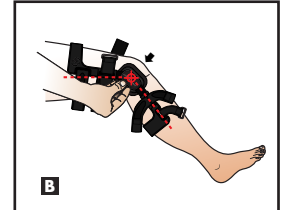
Indications: ACL, PCL, MCL, LCL, instabilities, reconstruction, and hyperextension.

Application Instructions:

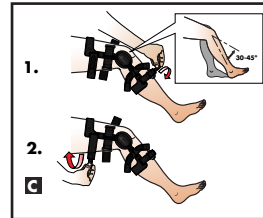
A Unfasten all straps and fold the hook/loop tabs back onto the straps. While seated on the edge of the chair step through the brace as shown (Fig. A).



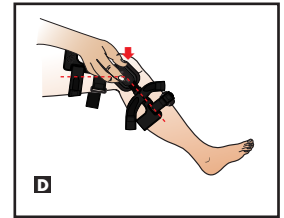
B Position the brace so that the hinge is centered on the knee cap (patella) (Fig. B).



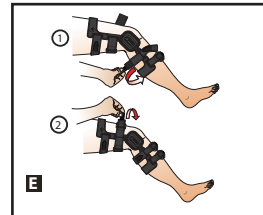
C Bend the knee between a 30° - 45° angle and secure bottom calf strap #1 (Fig. C - 1). Next, fasten the top thigh strap #2 (Fig. C - 2).



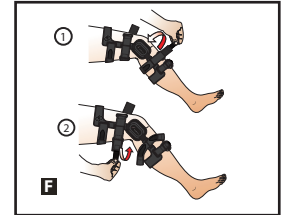
D Holding both hinges, push the hinges backward until they are slightly posterior/behind the midline/middle of the knee (Fig. D).



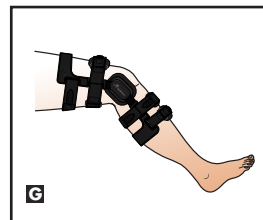
E Secure upper posterior calf strap #4 (Fig. E - 1). Then secure lower anterior thigh strap #6 (Fig. E - 2).



F Secure upper anterior calf strap #5 (Fig. F - 1). Then secure lower posterior thigh strap #3 (Fig. F - 2).



G A properly applied brace (Fig. G).



Use and Care:

Straps and pads may be trimmed to accommodate variations in leg size. Following activity in fresh or salt water, rinse brace thoroughly in clean water and air dry. Routinely check the hinge screws for tightness and retighten as needed. Lubricate hinges periodically with a dry lubricant or Teflon™ spray. Do not use petroleum based lubricants. Hand wash liners and condyle pads in cold water with a mild detergent. Air Dry, do not heat dry liners or pads.

Warning:

This product is to be used under the supervision of a medical professional. This device is not intended for unsupervised public use. If you experience any pain, swelling, sensation changes, or any unusual reactions while using this product consult your medical professional immediately

Notice:

While every effort has been made in state-of-the-art techniques to obtain the maximum compatibility of function, strength, durability and comfort, this device is only one element in the overall treatment program administered by a medical professional there is no guarantee that injury will be prevented through the use of this product.

Warranty:

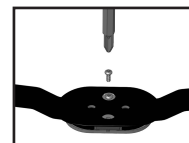
Crusader Custom Brace replacement parts including straps, chafes, strap pads, and brace padding, are guaranteed against defects and irregular wear for six months. There is also a ninety day initial fit warranty and free remold/remake service (from the date of fabrication) if the patient experiences any fluctuation in weight or leg size. A new measurement or cast may be required. If at any time (lifetime warranty) the shells or hinges on a Crusader Custom Knee Brace fail or are structurally compromised during routine and customary activities, Top Shelf Orthopedics will repair or remake the brace at no charge.

Caution:

Federal Law (U.S.A.) restricts this device to sale by or on the order of a licensed health care professional.

Hinge Adjustment Instructions

The brace is shipped with a 10° extension stop installed. If it is requested by a licensed health care professional, the stops may be changed.



To change the stops, completely remove the corresponding screw from the hinge.



Insert the new stop, reapply the hinge cover and reinsert and completely tighten both screws. Repeat the procedure on the other hinge. Both hinges must have identical stops installed.

Stops Included
Extension 0°, 10°, 20°, 30° & 40°
Flexion 45°, 60°, 75° & 90°
(no flexion stops are installed)