OrthoPro™ Stabilizer™ Knee Orthosis with Swing Assist

PROGRAM:

The OrthoPro™ Stabilizer™ Knee with Swing Assist is an ambulating breathable knee support with light weight lateral supports with range of motion hinges. The hinges have elastic bands attached to each upright that provide an extension swing assist to facilitate a return to a normal gait. The OrthoPro™ Stabilizer™ with Swing Assist provides ambulating knee stabilization for post surgical support, ligamentous knee injuries, knee instability, meniscus tears, hyperextension problems, and degenerative joint disease. The brace is designed to provide knee joint support for walking or light athletic activities.

TREATMENT RATIONALE:

The OrthoPro™ Stabilizer™ Knee Brace is designed to provide medial – lateral support of the knee for ambulation and light athletic activities. The hinges can be set with flexion and/or extension stops if necessary. The breathable wrap provides circumferential support of the knee joint. The patella and popliteal openings facilitate comfortable brace wear during ambulation. The elastic bands on each upright provide an extension swing assist to facilitate a normal gait post surgery or injury.

FUNCTIONAL OBJECTIVES:

Increase walking and other activities while supporting the knee joint to prevent further knee injury thereby reducing the inflammation and knee discomfort that may be associated with unsupported use. Recovery can be accelerated by facilitating a more normal gait with the use of the extension swing assist.

ORTHOTIC APPLICATION:

1. The orthotic fitter should pre-set the ROM hinges on both uprights per physician’s instructions (flexion or extension control).
2. Remove the elastic swing assist bands on each upright if not desired.
3. Apply the knee wrap oriented so that the top of the patella opening is aligned just above the top of the knee cap.
4. Center the brace so that the metal uprights are in the same alignment (parallel) on either side of the knee with the hinge center at mid patella.
5. Close the thigh cuff flap snugly by folding the non-hook closure flap over the top of the thigh. While holding the thigh flap in place, secure the hook closure flap over the thigh with the top edge of the brace aligned. Gently press down over the hook closure to ensure that the hook is securely attached.
6. Close the shin flap closure in the same manner as the thigh cuff closure. Gently press down over the hook closure to ensure that the hook is securely attached.
7. Bring the thigh straps from behind the thigh and secure the strap by inserting the strap end through the plastic “D” ring and hooking the strap back onto the loop material on the strap. The thigh strap should be comfortably snug to prevent the brace from slipping during use.

8. Bring the calf straps from the back of the brace over the shin. Secure the strap by inserting the strap end through the plastic “D” ring and hooking the strap back onto the loop material on the strap. The calf strap should be comfortable snug to prevent the brace from slipping during use.

9. Adjust the straps to comfort during brace wear.

10. Always check for redness or skin irritation when removing the knee brace. Redness should resolve itself within several minutes after the brace has been removed. Do not use the brace and contact your orthotic clinician immediately if redness persists or there is pain and discomfort with use.

LAUNDRY AND MAINTENANCE INSTRUCTIONS

- Remove the rigid side bars from the brace.
- Fasten all hook and loop closures
- Place the cover in the laundry bag provided with the product
- Launder with mild detergent, low temperature
- Tumble dry at low temperature or air dry.

Inserts, Side Bars, Rigid Parts, Air Bladders

- Clean with mild detergent or a disinfectant wipe
- Rinse with clean water
- Dry with soft cloth

CAUTION: DO NOT AUTOCLAVE OR PLACE ANY PORTION OF THIS PRODUCT IN AN INDUSTRIAL WASHING MACHINE OR DRYER.

WARNING FROM MANUFACTURER:
1. This product requires a physician’s order.
2. Trained professional personnel must be used for proper initial application of this product.

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