

Guardian Sport Rehabilitator®

The Guardian Sport Rehabilitator® is designed to provide medial, lateral, and rotational support of the knee joint, and is indicated for the treatment of knee instability related to knee injury or surgery. By inflating the pneumatic condyle pads on the unloading side of an OA knee, the Sport Rehabilitator may also be used to treat knee OA. The Sport Rehabilitator has bilateral Range of Motion hinges that can be set to control knee flexion/extension if needed.

Therapeutic Actions

The Sport Rehabilitator is a gait correcting, leg strengthening knee brace providing medial, lateral, and rotational control of the knee joint. Range of motion hinges allow for controlled flexion/extension of the knee if needed. Pneumatic condyle pads are inflated to provide medial, lateral, and rotational support of the knee while providing therapeutic compression to the knee joint to provide pain relief and assist in managing joint inflammation. The Rehabilitator design includes an extension assist mechanism to assist in eliminating either Quadriceps Avoidance Gait or to reduce the effects of Arthrogenic Muscle Inhibition related reduced quadriceps firing. Rehabilitator technology is uniquely designed to normalize unbraced gait and strengthen a weakened leg with routine use of the device.

Contraindications

The Sport Rehabilitator should not be applied if any part of the device comes in contact with an open wound. The patient must be ambulatory to benefit from the use of a Rehabilitator™ Knee Brace. A Rehabilitator should not be applied if significant knee swelling negatively affects a properly fit brace.

Warnings

The Sport Rehabilitator should be fit by trained personnel to ensure that the device is fitted correctly. Wearing time should be determined by a clinician. A brace adaptation wear in schedule is recommended during the initial stages of brace use.

After the Sport Rehabilitator is removed, the limb should be inspected for redness or signs of unwanted pressure or shear. All redness or skin indentations should be absent within an hour after device removal.

Never apply the Sport Rehabilitator if there are red areas on the patient's skin that may indicate unwanted pressure or shear has been applied by the device. A knee brace undersleeve may be required to adequately protect the skin from shear. Resume wear after the redness has disappeared. If redness persists, the device should be inspected by a licensed clinician and modified to eliminate any potential pressure or shear.

The Guardian Sport Rehabilitator® is intended to be for Single Patient Use Only