

SoftPro® Static Elbow

The SoftPro® Static Elbow is clinically indicated for the treatment of flexion contractures of the elbow. The SoftPro Static Elbow has axial hinges at the joint with a goniometer reference on the hinge. The hinges are enclosed in a laminated foam/cloth cover that can be laundered as necessary. The cover has an ultra-smooth tricot fabric which reduces sheer and friction on fragile skin. By correctly setting the axial hinges on both sides of the device, the orthosis can be set to provide positional therapy by setting the hinge at comfortable end range

Therapeutic Actions

By correctly setting the axial hinges on both sides of the device, the orthosis can be set to provide positional therapy by setting the hinge at comfortable end range. With frequent modification, the braces can capture range of motion gains obtained through therapy interventions. If a gentle therapeutic stretch is desired, the axial hinges can be set 5 to 10 degrees ahead of comfortable end range. By securing the elbow or elbow cap, a gentle stretch can be initiated into the elbow.

Contraindications

The SoftPro Static Elbow should not be applied if any part of the device comes in contact with an open wound. Orthotics should not be used if the limb has grade three plus edema. The SoftPro Static Elbow should not be applied on an ankylosed elbow that is broken or dislocated. Static devices are not recommended for patients with significant spasticity. With involuntary muscle contractions, the elbow should be able to shorten slightly to accommodate muscle spasms. A static device, because it is unable to allow flexion while the device is worn could “feed into” a spastic event.

Warnings

The SoftPro Static Elbow should be fit by trained personnel to ensure that the device is correctly applied and does not apply unwanted pressure to any contact point on the arm.

All orthotic braces require a break in period. It is recommended that the device be initially worn for 1 hour. Up to one half an hour of wear a day can be added daily until the desired wearing schedule has been achieved. Wearing time should be determined by a physician or treating therapist.

The SoftPro Static Elbow should be removed for a minimum of two hours after six hours of wear.

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

Never apply the SoftPro Static Elbow if there are red areas on the patient’s skin that may indicate unwanted pressure has been applied by the device. Resume wear after the redness had disappeared. If redness persists, the device should be inspected by a licensed clinician and modified to eliminate any potential pressure points.

The SoftPro® Static Elbow is intended to be for Single Patient Use Only