

OCSI Static Air Knee

The OCSI Static Air Knee is a front closure knee wrap, double upright and pneumatic knee brace clinically indicated for providing gentle Low Load Prolonged Stretch to the knee. The bladders and 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. Inflating the air bladders initiates a gentle therapeutic stretch on the shortened tissue. The OCSI Static Air Knee “gives” with an involuntary muscle contraction, which is ideal for patients with abnormal tone and spasticity. The OCSI Static Air Knee is ideal for treating moderate to severe contractures (> 90° of lost range of motion).

When used properly, the OCSI Static Air Knee can provide excellent rehabilitative therapy for reversing contractures over time and providing abnormal reflex arc therapy to reduce spasticity.

Therapeutic Actions

The OCSI Static Air Knee is a gentle pneumatic stretching orthotic device that is ideal for treating moderate to severe contractures of the knee. Using the inflation/deflation bulb, air can be inserted into the soft neoprene air bladders located behind the knee joint to initiate a gentle stretch on the contracted tissue. With air inflation, the OCSI Static Air Knee provides excellent gentle Low Load Prolonged Stretch therapy to the knee. Ideal for moderate to severe contractures of the knee and knee contractures with spasticity. The static hinges can be set to hold the gained extension.

Contraindications

The OCSI Static Air Knee should not be applied if any part of the device comes in contact with an open wound. The OCSI Static Air Knee should not be used if there is grade three plus edema. The OCSI Static Air Knee is contraindicated for use on an ankylosed joint.

Warnings

The OCSI Static Air Knee should be fit by trained personnel to ensure that the device is correctly applied and does not apply unwanted pressure on the patient’s leg.

The OCSI Static Air Knee requires 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 the treating physician or therapist.

The OCSI Static Air Knee should be removed for a minimum of two hours after six hours of wear.

After the OCSI Static Air Knee is removed, the skin 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 OCSI Static Air Knee if there are red areas on the leg that may indicate unwanted pressure has been applied by the device. 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 points.

The OCSI Static Air Knee is intended to be for Single Patient Use Only