

DynaPro® Torticollis Orthosis

The DynaPro® Torticollis Orthosis is a static/dynamic device clinically indicated for providing Low Load Prolonged Stretch to the neck. The DynaPro Torticollis Orthosis provides a negative spring force which is ideal for patients with abnormal tone and spasticity. The DynaPro Torticollis Orthosis will easily flex with abnormal muscle contractions of the neck to accommodate involuntary muscle shortening during a spastic episode. The DynaPro Torticollis Orthosis thermoplastic flexible insert is aligned along the side of the patient's head. The DynaPro Torticollis Orthosis is covered with a removable laminated foam/cloth cover that can be laundered as necessary.

When fitted properly, the DynaPro Torticollis Orthosis can provide excellent rehabilitative therapy for reversing Torticollis contractures and providing abnormal reflex arc therapy to reduce spasticity over time.

Therapeutic Actions

The DynaPro Torticollis Orthosis is a static/dynamic device that is heat molded to “flex” into the neck when applied. The DynaPro Torticollis Orthosis applies a gentle Low Load Prolonged Stretch to reverse Torticollis. The DynaPro Torticollis Orthosis is for lateral contracture of the neck only and will not effectively treat forward or posterior head and neck misalignments. By heat molding the insert 15 degrees ahead of comfortable head and neck end range, when applied, the device will flex into the neck muscles applying a therapeutic stretch. Repeated modification of the insert approximately once every 4 to 6 weeks to accommodate range of motion improvement is necessary to continue therapeutic stretching of the contracted tissue.

Contraindications

The DynaPro Torticollis Orthosis should not be applied if any part of the device comes in contact with an open wound. If the cervical spine is ankylosed, use of a DynaPro Torticollis Orthosis is contraindicated.

Warnings

The DynaPro Torticollis Orthosis should be fit by trained personnel to ensure that the device is correctly applied and does not apply unwanted pressure to any part of the head, neck, shoulders, axilla, or trunk.

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.

The DynaPro Torticollis Orthosis should be removed for a minimum of two hours after six hours of wear.

After a DynaPro Torticollis Orthosis 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 a DynaPro Torticollis Orthosis if there are red areas on the head, neck, shoulder, axilla, or trunk 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 DynaPro® Torticollis Orthosis is intended to be for Single Patient Use Only