



TherAlign Dragonfly TLSO™ System

Introducing THERALIGN™ - a new generation of orthoses combining warm-and-form brace stability with TheraTogs™ neuromotor training!

The new TherAlign Dragonfly TLSO™ allows an orthotist or other qualified clinician to:

- Support the client's spine and trunk with a lightweight, rigid panel - while training the neuromotor system into more functional alignment with the garment subsystem.
- Custom-form a spinal support anchored on the pelvis to promote superior torso stability throughout the core.
- Provide abdominal support and intracavitary pressure without having to restrict breathing or "crank down" with a complicated tightening device.
- Facilitate long-term neuromotor improvements that address the causes of postural and spinal issues - with an orthotic solution that does much more than simply immobilize the spine.



The Dragonfly TLSO consists of a heat-moldable spinal support component and TheraTogs garments for the upper and lower torso -creating a one-of-a-kind solution for a wide range of client issues:

If your client has these indications...	The Dragonfly TLSO & strapping can:
Diminished pelvic tilt	Create vertical truncal compression to stimulate bone growth.
Excess pelvic tilt	Gently stabilize the scapula on the thorax.
Flexible kyphosis	Improve postural alignment and spinal positioning for function.
Flexible lordosis	Improve respiratory capacity by reducing flexible kyphosis.
Hypotonia	Limit excess trunk movement in the sagittal plane.
Kyphosis post-laminectomy	Provide lightweight unobtrusive trunk support while worn under client's clothing.
Osteoporosis	Reduce postural deviations between thorax and pelvis.
Other acquired deformity of back or spine	Reduce pressure on intervertebral disks via intracavitary pressure.
Scapular winging	Retract forward shoulders.
Shoulder protraction	Shorten and re-train abdominal.
Spina bifida	Shorten and re-train trunk extensor muscles.
Spinal anomalies	
Weak trunk muscles	

The Dragonfly TLSO is currently under code verification review by the Centers for Medicare & Medicaid Services (CMS).

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TheraTogs and the TherAlign Dragonfly TLSO are protected by US Patents # 8,007,457 and 8,535,256 B2, and Canadian patent #2495769. The Dragonfly TLSO is patent pending in the US. Additional US and foreign patents pending.



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Benefits for the Orthotist...

- Waterless warm-and-form process creates a custom-fit orthosis in less than 20 minutes.
- Unique double-wing design delivers superior stability, comfort, and torso support with minimum weight and bulk.
- Quick-release tabs anchor the Dragonfly instantly to the Anterior Panel and the garment subsystem. The Dragonfly's hook-sensitive exterior offers infinite attachment options.

Benefits for the Client...

The TherAlign Dragonfly TLSO™ delivers what your clients need to address flexible postural deficits and spinal strength issues:

- Trunk stability built from the pelvis up, supporting and strengthening the entire core
- Custom-fit comfort and outstanding versatility
- A lightweight and discreet solution worn under clothing – most models weigh less than 23 ounces
- Easy movement and respiration while facilitating postural support and spinal extension – makes all-day compliance a breeze.

Sizing

The Dragonfly TLSO is available in sizes from Infant to Large Adult. Size selection is based on client measurements. See www.theratogs.com/dragonfly or contact Customer Support for sizing information.

How to Buy

TherAlign Dragonfly systems are available exclusively through your preferred orthotist or O&P clinic. See the TheraTogs website (www.theratogs.com) for a list of O&P Providers in your area. The Dragonfly TLSO is currently under code verification review by the Centers for Medicare & Medicaid Services (CMS).

References:

- Pfeifer M, Kohlwey L, Begerow B, Minne HW. 2011. Effects of two newly developed spinal orthoses on trunk muscle strength, posture, and quality-of-life in women with postmenopausal osteoporosis: a randomized trial. *Am J Phys Med Rehabil.* 90(10):805-15.
- Pfeifer M, Begerow B, Minne HW. Effects of a new spinal orthosis on posture, trunk strength, and quality of life in women with postmenopausal osteoporosis: a randomized trial. *Am J Phys Med Rehabil.* 2004 Mar;83(3):177-86.

About TheraTogs & TherAlign

TheraTogs™ and TherAlign™ systems are FDA Class I medical devices intended to be issued by, and applied under the supervision of, a licensed healthcare practitioner engaged in neuromotor or sensorimotor retraining. TheraTogs systems are made of GoldTone™ - a proprietary and patented composite fabric with foam backing made of an aqueous-based elastomeric urethane. TogRite™ strapping consists of elastomeric strapping with an inert, silicone-based grip surface. TherAlign is comprised of GoldTone fabric, a PVC plastic core, and a polyester foam layer.

TheraTogs and TherAlign components are not made with natural rubber latex.

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