

Sierra™ Hyperextension TLSO

Personalized Fit for All-Day Comfort

The Sierra Hyperextension TLSO is height and width adjustable with tightening control to provide patients with a personalized environment for healing. This TLSO supports from a wide variety of pre- and post-operative spine conditions such as compression fractures due to osteoporosis and trauma. Designed with comfort in mind, the streamlined brace design and pivoting pelvic bar accommodate movement for effortless all-day wear.

CODE L0472 APPROVED



Aspen Acute Restriction Braces Provide a Controlled Environment for Healing



Aspen Acute Restriction braces provide significant motion restriction by acting as a kinematic restrictor,¹ for patients needing support for healing, and can be safely and quickly applied. Gross motion restriction is often desired in treating injured patients recovering from trauma or surgery.² The goal is to support healing,³ limit recovery time and save money by expediting patient discharge times, accelerating turnaround times and minimizing health risks.

1. Cholewicki, Jacek, et al. "Comparison of Trunk Stiffness Provided by Different Design Characteristics of Lumbosacral Orthoses." *Clinical Biomechanics*, vol. 25, no. 2, 2010, pp. 110-4.
2. Cholewicki, Jacek, et al. "Comparison of Motion Restriction and Trunk Stiffness Provided by Three Thoracolumbosacral Orthoses (TLSOs)." *Journal of Spinal Disorders and Techniques*, vol. 16, no. 5, 2003, pp. 461-8.
3. Cholewicki, Jacek. "The Effects of Lumbosacral Orthoses on Spine Stability: What Changes in EMG Can be Expected?" *Journal of Orthopaedic Research*, vol. 22, no. 5, 2004, pp. 1150-5.



Height and Width Adjustable Uprights

Create a customized fit for various patient anatomies.



Tightening Control

Provides optimal tightening after donning.



Breathable Material

The spacer fabric is a breathable material that covers the surface areas of the brace for comfortable wear.



Pivoting Pelvic Bar

Prevents the brace from riding upwards when the patient goes from standing to sitting.



SIZE	PELVIC Measure from widest part of the pelvis	LENGTH Measure from sternal notch to pelvis
S	23.5-29.5 in (60-75 cm)	15.5-18 in (39-46 cm)
M	29.5-35.5 in (75-90 cm)	16.5-19 in (42-49 cm)
L	35.5-41.5 in (90-105 cm)	17.5-20.5 in (45-52 cm)
XL	41.5-45.5 in (105-115 cm)	19.5-22 in (49-56 cm)

Sierra Hyperextension TLSO – Small	502212
Sierra Hyperextension TLSO – Medium	502213
Sierra Hyperextension TLSO – Large	502214
Sierra Hyperextension TLSO – Extra Large	502215