Aspen® MEDICAL PRODUCTS

Life Changing Innovation

Aspen® Upper Spine Braces

The Aspen Cervical Collar was designed to optimize support and comfort: two key components to better patient outcomes. The collar's structure is engineered to provide substantial motion restriction without producing painful pressure points that can lead to skin breakdown. All of the collar's contact surfaces are cushioned with hypoallergenic, breathable foam padding for ultimate comfort.

Proven Performance

The motion restriction provided by the Aspen Collar has been scientifically evaluated. Utilizing videofluoroscopy, researchers have documented both the translation and angulation of each vertebral segment through the entire range of motion. Results show the Aspen system to be unsurpassed in its ability to safeguard the patient.[1]

1. *Gavin, T., Carandang, G.; Havey, R.; Flanagan, P.; Ghanayem, A.; Patwardhan, A. "Biomechanical analysis of cervical orthoses in flexion and extension: A comparison of cervical collars and cervical thoracic orthoses." Journal of Rehabilitation Research and Development, 2003, Vol. 40, No. 6.*

Aspen Acute Restriction Braces Provide a Controlled Environment for Healing

Aspen Acute Restriction braces provide significant motion restriction by acting as a kinematic restrictor,[2] 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.[3] The goal is to support healing,[4] limit recovery time and save money by expediting patient discharge times, accelerating turnaround times and minimizing health risks.

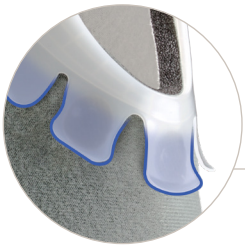
2. *Cholewicki J, Lee AS, Reeves NP, Morrissette DC. "Comparison of trunk stiffness provided by different design characteristics of lumbosacral orthoses." Clin Biomech (Bristol, Avon). 2010 Feb; 25(2): 110–114., doi: 10.1016/j.clinbiomech.2009.10.010.*

3. *Cholewicki, Jacek, et al. "Comparison of Motion Restriction and Trunk Stiffness Provided by Three Thoracolumbosacral Orthoses (TLSOs)." Journal of Spinal Disorders & Techniques, vol. 16, no. 5, Oct. 2003, pp. 461–468.*

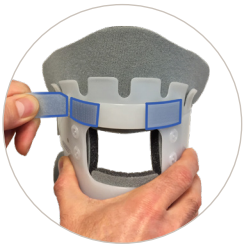
4. *Cholewicki, Jacek. "The Effects of Lumbosacral Orthoses on Spine Stability: What Changes in EMG Can Be Expected?" Journal of Orthopaedic Research, vol. 22, no. 5, 2004, pp. 1150–1155., doi:10.1016/j.orthres.2004.01.009.*

The Aspen Advantage Symbol
An Innovative Feature Available only from Aspen

Gentle On Skin
The pads are made of breathable, open cell foam with a soft, hypoallergenic cotton lining which aids in keeping the skin clean, cool and comfortable.



Minimizing Skin Breakdown
Patented FlexTabs™ offer motion restriction while dispersing pressure to help eliminate skin breakdown.



Occipital Support Strap
Adjusts to the patient's occiput, helping to reduce localized pressure.

CTO Option
Using the Aspen Cervical Collar, the Aspen CTO provides substantial control in all three planes of motion.

Aspen® Cervical Collar	
Short	983108
Regular	983110
Tall	983112
X-Tall	983114
Short Collar Set with Replacement Pads	983128
Regular Collar Set with Replacement Pads	983130
Tall Collar Set with Replacement Pads	983132
X-Tall Collar Set with Replacement Pads	983134
Short Front Panel	983109
Regular Front Panel	983111
Tall Front Panel	983113
X-Tall Front Panel	983115
Small Back Panel - 12-20 in (30-51 cm) circumference	983118
Standard Back Panel - 13-21 in (33-53 cm) circumference	983120
Large Back Panel - 15-25 in (38-64 cm) circumference	983119
Aspen Collar Replacement Pads	983159
Aspen Collar Small Back Panel Replacement Pad	983161

Aspen® CTO	26-53 in (66-135 cm) torso circumference
Short	983308
Regular	983310
Tall	983312
X-Tall	983314
PD CTO with PD4 and PD5 Front	983301
Aspen CTO Vest	983324
Short Front Panel	983309
Regular Front Panel	983311
Tall Front Panel	983313
X-Tall Front Panel	983315
Small Back Panel	983318
Standard Back Panel	983319
Large Back Panel	983321
Aspen CTO Replacement Pads	983320
PD CTO Replacement Pads	983302
Control Clamps (2)	983330

Aspen® MEDICAL PRODUCTS

800-295-2776 · 949-681-0200 · aspenmp.com · Pat. aspenmp.com/patents · LIT5000C 11/21