

CYBERTECH FITTING GUIDE

The **CYBERTECH** line of spinal bracing provides superior support and or stabilization for a variety of spinal conditions from acute mechanical back pain relief to pre and post-operative stabilization through motion restriction.

CYBERTECH bracing features the original patented "Mechanical Advantage Pulley System" giving the practitioner an unparalleled approach that maximizes abdominal compression for the Comfort, Control and Compliance of a true custom component designed spinal system.

Mechanical Advantage Pulley System

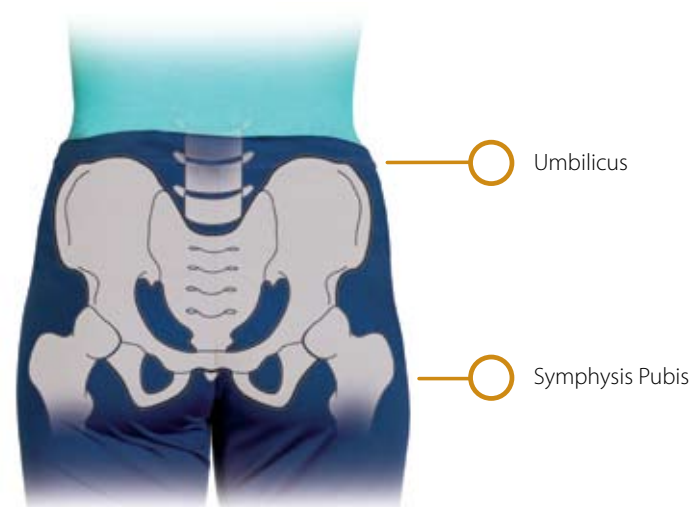
3 to 1, 5 to 1 and 6 to 1 compression ratios.



For Optimal Fit, Assuring Patient Comfort and Product Effectiveness, Please Use the Fitting Tips Below.

- ❖ **For Lumbar supports:** Measure circumferences at the level of the umbilicus and symphysis pubis and take the largest measurement to choose the brace sizing.
- ❖ **CRUCIFORM:** Measure circumference at level of zyphoid process and the length from the sternal notch to the symphysis pubis minus two inches. Length should be checked in a sitting position after fitting. Short vertical bars are available upon request. Circumference measurement determines size.
- ❖ **75 Degree Closure:** Braces are available to optimize fit in patients with hip, waist differential.
- ❖ **8" Low Profile Braces:** Should be chosen for short waisted patients.
- ❖ **Chairback Frames:** Can be heat molded to custom contour to patient.
- ❖ **TLSO & Body Jackets:** Optional 8, 10, 12 and 15 degree lordotic pads are available and should be fit to the conformity of the patient's anatomical contours. 10 degree pads are standard.

Measure circumference at the level of Umbilicus and Symphysis Pubis. Take largest measurement to choose the brace size.



LO

SPINE Brace:

Utilizing the patented Mechanical Advantage Pulley System, the SPINE provides a powerful dynamic approach maximizing abdominal compression with the six to one compression ratio so important when stabilizing the lumbar sacral spine.



SPINE Brace Flex Power Plus:

The addition of the anatomically designed posterior panel affords stabilization from T-9 through L-5.



Flex Power Plus:

Is the lordotic conforming brace in the Cybertech line with the addition of semi-rigid anterior and posterior panels featuring a five to one mechanical advantage which offers effective abdominal compression.



MAC:

Mechanical Advantage Corset is the most powerful value driven corset on the market with the three to one ratio pulley system that affords lumbar sacral stabilization through total circumferential abdominal compression.



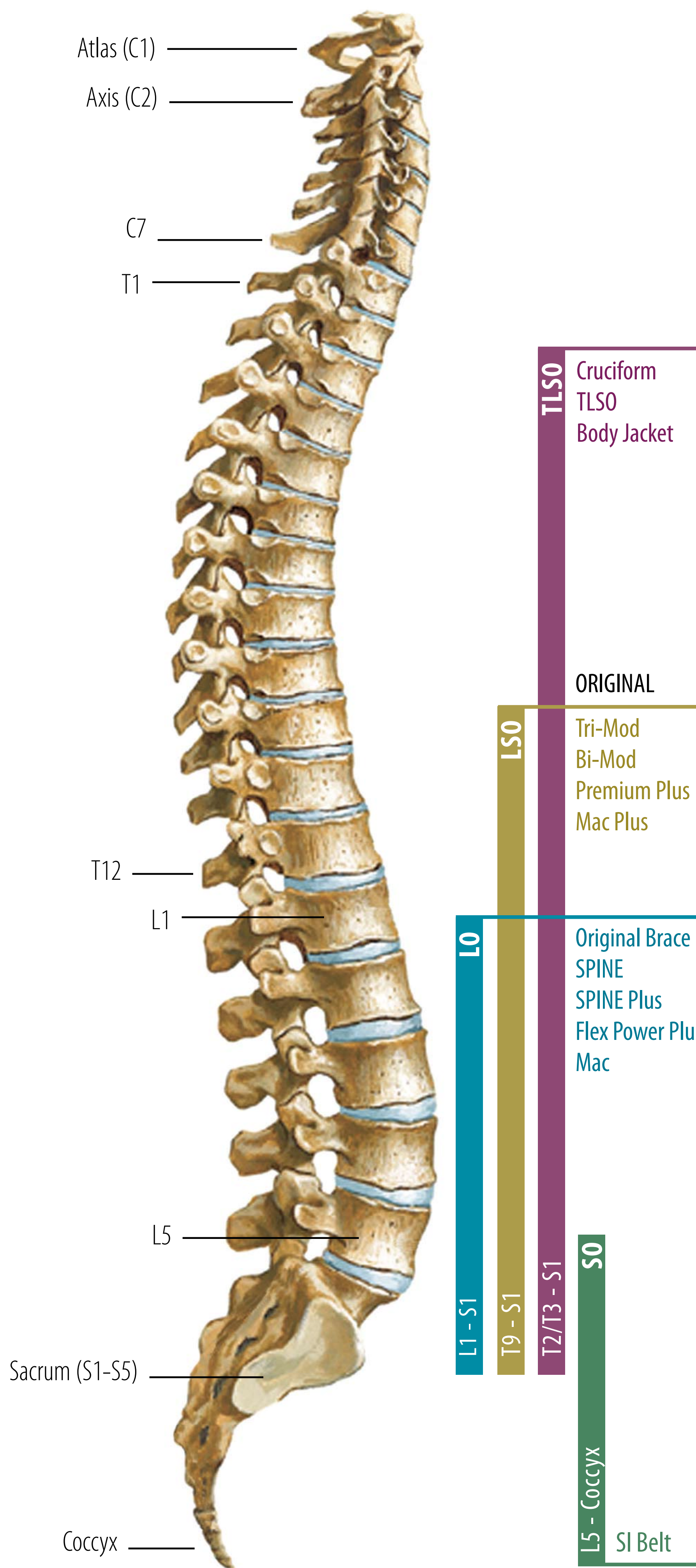
SO

SI Belt:

SI Belt provides stabilization of the sacroiliac (SI) joints through direct circumferential compression utilizing the six to one ratio mechanical advantage pulley system. The SI belt is prescribed for conservative treatment of the sacroiliac strain, arthritis or subluxation.



RANGE OF SPINAL SUPPORT



TLSO
Cruciform
TLSO
Body Jacket

ORIGINAL

LSO
Tri-Mod
Bi-Mod
Premium Plus
Mac Plus

LO
Original Brace
SPINE
SPINE Plus
Flex Power Plus
Mac

S0
L5 - Coccyx
SI Belt

TLSO

Cruciform: TLSO for sagittal control of the mid thoracic and lumbar spine utilizing the basic three point pressure system with the added power of six to one mechanical advantage designed to extend or hyperextend the spine.



Body Jacket: For additional control and compressive support, the body jacket features a semi-rigid construction with two independently controlled pulley systems. Evaluate patient compatibility. Contraindicated for patients with pendulous abdomens and significant differential waist to hip development.



TLSO: Thoracic lumbar stabilization and restriction plus compressive support from two independent pulley systems featuring a unique linear adjustment capability. The brace can be customized per patient without the use of tools or loose parts.



Lordotic pads should be utilized with TLSO and Body Jacket for optimal fit.



Cybertech braces are available in consistent girth increments:

Small:	25" - 30"
Medium:	30" - 35"
Large:	35" - 40"
XL:	40" - 45"
XX:	45" - 50" (Largest size for the MAC, or any MAC associated product.)
XXX:	50" - 55"
4X-5XL:	56" - 68" (Black 10" brace only, ie TriMod, BiMod and Premium Plus products in black standard profile only.)

Two brace heights or profiles are available in most Cybertech Braces 10" and 8". The MAC, SPINE, Body Jacket, Cruciform and TLSO are available in one height only.

A General Guide to Clinical Indications for Each CYBERTECH Spinal Orthosis:

- ❖ **SI Belt** – SI joint pain
- ❖ **MAC** – Lower back pain, single column spinal instability
- ❖ **SPINE PROGRAM** – Mechanical back pain, spinal anomalies, early intervention & prevention
- ❖ **Flex Power Plus** – Multiple level decompression, laminectomy, laminotomy, posterior lateral fusion
- ❖ **Spine Brace Flex Power Plus** – Multiple level decompression, laminectomy, degenerative disc disease, posterior lateral fusion
- ❖ **MAC Plus** – Discectomy, laminectomy, laminotomy, degenerative disc disease
- ❖ **Premium Plus** – Thoracolumbar injury, revision surgery, multi-level fusion
- ❖ **Bi-MOD Chairback System** – Spondylolysis, spondylolisthesis, spinal stenosis, mechanical back pain
- ❖ **Body Jacket** – Post operative spinal immobilization, compression fractures
- ❖ **TLSO** – Thoracolumbar injury, revision surgery
- ❖ **Cruciform** – Stable compression fractures, osteoporosis, hyperkyphosis
- ❖ **Tri-Mod System Plus** – Multiple level decompression, laminectomy, posterior lateral fusion, spondylolysis, spondylolisthesis, and mechanical back pain

NOTE: The above indications may serve as a basic guide. The utilization of all CYBERTECH products, should not, however, be limited to the above criteria, but rather left to the judgment of qualified medical professionals, who have the responsibility for determining the therapeutic benefit and clinical utility of each specific type of back brace, for each particular patient.



Breathable interior padding reduces heat and adds comfort

LSO

MAC Plus:

With the addition of the anatomically designed posterior panel increases Mac's effectiveness beyond the coding requirements.



"ORIGINAL" CYBERTECH BRACE:

The original Cybertech brace is the foundation of three CYBERTECH Braces; Bi-Mod, Tri-Mod and Premium Plus.

The original brace as a component or by itself is available in standard and low profiles in black or white.



TriMod System Plus: Original brace, chairback frame and anterior.

Anterior panel provides additional ergonomic abdominal comfort and support.



BiMod Chairback System: Consists of an original brace and a Chairback frame.



Premium Plus: Original brace, anterior and posterior panels.

Anterior panel provides additional ergonomic abdominal comfort and support.



Cybertech Medical

1815 Wright Ave., La Verne, CA 91750
Ph: 1.800.220.4224 Fax: 1.909.363.7311
www.cybertechmedical.com