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PRODUCT CATALOG

A Bio Cybernetics International, Inc. Company



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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.

The Patented Mechanical Advantage Pulley System

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



Cybertech braces are available in consistent girth increments:

XSmall:	20"- 25" (S.P.I.N.E.™ Brace only)
Small:	25"- 30"
Medium:	30"- 35"
Large:	35"- 40"
XL:	40"- 45"
XX:	45"- 50" (Largest size for the MAC, Associated Products)
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". See individual products for specifications.

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MINERVA ORTHOSIS

Code L0200 Approved

Minerva Orthosis incorporates the best design features of past proven systems with today's materials for a functional comprehensive ALL adjustable non-invasive cervical thoracic immobilization system.

Minerva occipital component with optional forehead strap to ensure higher degree of immobilization.



Features and Benefits:

- Post operative non-invasive restriction and immobilization of the cervical and upper thoracic spine.
- Jefferson's fracture without transverse ligament injury.
- Light wedge fractures following traction or occipital avulsion fractures.
- Post trauma ● Arthritis
- Acute pain ● Spinal stenosis
- MR "Safe" two piece design for free air flow ventilation, comfort and ease of application.
- System allows for components step down during patient recovery.
- A large trachea opening and with easy adjustable yoke system.
- Molded polyethylene vented chin and chest and thoracic components.
- Vented occipital component with an aluminum spine element allows custom contouring of cervical arch.
- Unique industry leading semi-rigid "quick adjust straps" eliminates component shearing migration.
- Removable plush laminated foam liner on all contact areas for added patient comfort. Additional liners can be ordered separately. No latex used.



1. Slide key under pull tabs. **2.** Slide only - DO NOT LIFT. **3.** Adjust to selected height. **4.** After selected height adjusted, Slide key out of tabs. **5.** Ensure that both pull tabs are engaged after key removal.



The level slide buckle is marked with universal symbols for locked/unlocked for strap tightening and loosening.



Strap positioning adjustment knobs. Counter clock wise to loosen. Clock wise to tighten when desired position is selected.

Product Sizing:

Two universal sizes available in Small/Medium & Large/Extra Large

Item #	Collar Size	Tip of Chin to Sternal Notch
MCTO-SG-2	Sm /Md	2 1/2" - 4"
MCTO-SG-4	Lg/XLg	3 1/4" - 5 1/2"
<hr/>		
MCTO-SG-2	Sm/Md	6.3cm – 10.1cm
MCTO-SG-4	Lg/XLg	8.3cm – 13.4cm
	Sm/Md	Mid-Neck Circ. 28 – 38cm
	Lg/XLg	Mid-Neck Circ. 38 – 51cm

Silicone pad on forehead strap aids in anti-slipping of forehead strap



CERVICAL

CTO CERVICAL THORACIC ORTHOSIS

Code L0200 Approved

Cervicle Thoracic Orthosis incorporates the best design features of past proven systems with today's materials for a functional comprehensive ALL adjustable non-invasive cervical thoracic immobilization system.



The level slide buckles are marked with universal symbols for locked/unlocked for strap tightening and loosening.

Linear adjustment knobs on anterior and posterior slotted uprights.

Quick release buckles mechanism with one size adjustable Velcro loop closure.

Features and Benefits:

- Post operative non-invasive restriction and immobilization of the cervical and upper thoracic spine.
- Jefferson's fracture without transverse ligament injury.
- Light wedge fractures following traction or occipital avulsion fractures.
- Post trauma ● Arthritis
- Acute pain ● Spinal stenosis
- MR "Safe" two piece design for free air flow ventilation, comfort and ease of application.
- System allows for components step down during patient recovery.
- A large trachea opening and with easy adjustable yoke system.
- Molded polyethylene vented chin and chest and thoracic components.
- Vented occipital component with an aluminum spine element allows custom contouring of cervical arch.
- Unique industry leading semi-rigid quick adjust straps eliminates component shearing migration.
- Removable plush laminated foam liner on all contact areas for added patient comfort. Additional liners can be ordered separately. No latex used.

Product Sizing:

Two universal sizes available in Small/Medium & Large/Extra Large

Item #	Collar Size	Tip of Chin to Sternal Notch
CTO-SG-2	Sm /Md	2 1/2" - 4"
CTO-SG-4	Lg/XLg	3 1/4" - 5 1/2"
	Sm /Md	Mid-Neck Circ. 11 - 15"
	Lg/XLg	Mid-Neck Circ. 15 - 20"
CTO-SG-2	Sm/Md	6.3cm – 10.1cm
CTO-SG-4	Lg/XLg	8.3cm – 13.4cm
	Sm/Md	Mid-Neck Circ. 28 – 38cm
	Lg/XLg	Mid-Neck Circ. 38 – 51cm

CTO-EXT **Thoracic Extension only**
Thoracic Length - Chin to inferior edge of extension 13 1/2" - 16"



Strap positioning adjustment knobs. Counter clock wise to loosen. Clock wise to tighten when desired position.

Linear adjustment knobs on anterior and posterior slotted uprights.



Range of Spinal Support



CERVICAL

MINI MINERVA ORTHOSIS

Code L0190 Approved

The **NEW Cybertech Mini-Minerva** incorporates the best design features of past proven systems with today's materials for a functional comprehensive ALL adjustable cervical immobilization system to conform to each patient's individual needs.

1. Slide key under pull tabs.
2. Slide only - DO NOT LIFT.
3. Adjust to selected height.
4. After selected height adjusted, Slide key out of tabs.
5. Ensure that both pull tabs are engaged after key removal.

The level slide buckle is marked with universal symbols for locked/unlocked for strap tightening and loosening.

Strap positioning adjustment knobs. Counter clock wise to loosen. Clock wise to tighten when desired position is selected.



- Minerva Orthosis
- CTO Cervical Thoracic Orthosis
- Mini Minerva Orthosis
- Cyberspine Cervical Orthosis
- University Cervical Collar
- CSI C-Spine Immobilizer
- Comfort Collar
- Pacific Collar

Product Sizing:

Two universal sizes available in Small/Medium & Medium/Large.

Item #	Collar Size	Tip of Chin to Sternal Notch
MIMO-SG-2	Sm /Md	2 1/2" - 4"
MIMO-SG-4	Lg/XLg	3 1/4" - 5 1/4"
	Sm /Md	Mid-Neck Circ. 11 - 15"
	Lg/XLg	Mid-Neck Circ. 15 - 20"
MIMO-SG-2	Sm/Md	6.3cm – 10.1cm
MIMO-SG-4	Lg/XLg	8.3cm – 13.4cm
	Sm/Md	Mid-Neck Circ. 28 – 38cm
	Lg/XLg	Mid-Neck Circ. 38 – 51cm

Patent pending

Features and Benefits:

- Post operative non-invasive restriction and immobilization of the cervical spine.
- Post trauma
- Acute pain
- Arthritis
- Spinal stenosis
- MRI compatible two piece design for free air flow ventilation, comfort and ease of application.
- A large trachea opening and no tool easy adjustable yoke system.
- Molded polyethylene vented chin and chest components.
- Vented occipital component with an aluminum spine element allows custom contouring of cervical arch.
- Unique industry leading semi-rigid quick adjust straps eliminates component shearing migration.
- Removable plush laminated foam liner on all contact areas for added patient comfort. Additional liners can be ordered separately. No latex used.



Quick release stabilizing axillary straps.

Minerva occipital component with optional forehead strap to ensure higher degree of immobilization.

CYBERSPINE CERVICAL ORTHOSIS

Code L0180 Approved

The **NEW** Cybertech Cervical Collar incorporates the best design features of past proven systems with today's materials for a functional comprehensive ALL adjustable cervical immobilization system to conform to each patient's individual needs.

The unique aluminum multi-post yoked anterior adjustment system allows complete linear adjustability for flexion; extension and neutral positioning and immobilization with unique adjustment pull tabs. The multi-post yoked design accommodates the passage of tracheotomy facilitation. The Y-Chin support members allow width and narrowing customization for rotational control and patient comfort.

The ergonomic molded posterior occipital component encompasses an aluminum adjustable spine element allowing the practitioner full customization and total contact conformity of the cervical arch contours

Product Sizing:

Two universal sizes available in Small/Medium & Medium/Large.

Item #	Collar Size	Tip of Chin to Sternal Notch
CERV-SG-2	Sm/Md	2 1/2" - 4"
CERV-SG-4	Lg/XLg	3 1/4" - 5 1/4"
	Sm/Md	Mid-Neck Circ. 11 - 15"
	Lg/XLg	Mid-Neck Circ. 15 - 20"
CERV-SG-2	Sm/Md	6.3cm - 10.1cm
CERV-SG-4	Lg/XLg	8.3cm - 13.4cm
	Sm/Md	Mid-Neck Circ. 28 - 38cm
	Lg/XLg	Mid-Neck Circ. 38 - 51cm

Patent pending

Indications:

- Post operative non-invasive restriction and immobilization of the cervical spine.
- Post trauma ● Acute pain
- Arthritis ● Spinal stenosis

Features and Benefits:

- MRI compatible two piece design for free air flow ventilation, comfort and ease of application.
- A large trachea opening and no tool easy adjustable yoke system.
- Molded polyethylene vented chin and chest components.
- Occipital panel with an aluminum spine element allows custom contouring of cervical arch.
- Unique industry leading semi-rigid quick adjust straps eliminates component shearing migration.
- Removable plush laminated foam liner on all contact areas for added patient comfort. Additional liners can be ordered separately. No latex used.



1. Slide key under pull tabs.
2. Slide only - DO NOT LIFT.
3. Adjust to selected height.
4. After selected height adjusted, Slide key out of tabs.
5. Ensure that both pull tabs are engaged after key removal.



The level slide buckle is marked with universal symbols for locked/unlocked for strap tightening and loosening.



Strap positioning adjustment knobs. Counter clock wise to loosen. Clock wise to tighten when desired position is selected.

Semi-rigid links connect the occipital and mandibular sections with full pivot locking joints improving position and helps eliminate AP/linear shearing migration of components and unique patent pending level locking slide buckles.



CERVICAL

UNIVERSITY CERVICAL COLLAR

Code L0172 Approved

The University Cervical Collar is designed for multipurpose long term patient care, comfort and ease of adjustability.

Universally sized with unique patent pending variable height positioning for fast and secure adjustment. Simply pull out the dual adjustment tabs, select height and reengage.

The University Cervical Collar meets the specialized needs of each individual with unparalleled comfort, control and compliance.

Indications:

- Traumatic Cervical Injuries
- Cervical Disk Herniation
- Severe Strains / Sprains
- Severe Radiculopathy

Features:

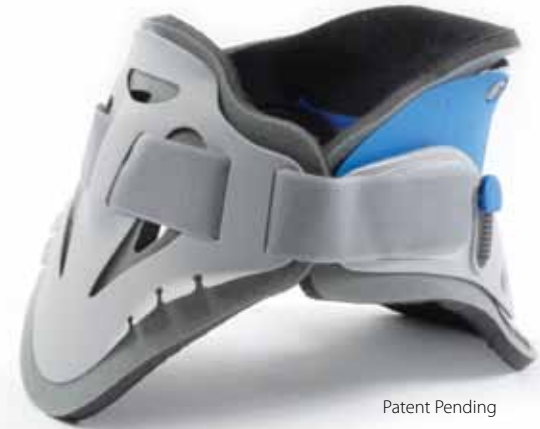
- Two piece design
- Unique Dual Height Adjustment
- Large opening for tracheotomy facilitation
- Removable soft plush padding
- Velcro closure

Benefits:

- One universal size with ease of variable height adjustment
- Reduction of Inventory
- Reduced Storage Space
- Reduced Cost

Product Sizing:

Universal size
Model #: COLU-NG-U



CERVICAL



Universally sized with unique patent pending variable height positioning for fast and secure adjustment.



Variable height adjustment from 1 to 6 with capabilities to go at half increment intervals.

CERVICAL
Minerva Orthosis
CTO Cervical Thoracic Orthosis
Mini Minerva Orthosis
Cyberspine Cervical Orthosis
University Cervical Collar
CSI C-Spine Immobilizer
Comfort Collar
Pacific Collar

CSI C-SPINE IMMOBILIZER

Code L0174 Approved

The NEW Cybertech Cervical Collar

A two piece semi-rigid thermoplastic cervical collar that provides excellent limitation of motion in controlling; flexion/extension, rotation and lateral bending.

The scalloped contoured diffusion tabs with integral thoracic extension distributes pressures over a large area providing the highest degree of patient comfort, control and compliance. A large anterior opening accommodates passage of tracheotomy facilitation.

The ergonomic molded posterior occipital component encompasses an aluminum adjustable spine element allowing full customization and total contact conformity of cervical arch contours.

Replaceable plush laminated breathable padding affords the patient total comfort and compliance

Indications:

- Controls unwanted cervical flexion/extension and rotation.
- Provides immobilization to promote spinal alignment.
- Aid in other spinal anomalies and post operative support.

Product Sizing:

Item #	Tip of Chin to Collar Size	Top of Shoulder
CSIC-NB-1	Short	2 1/4" 5.7cm
CSIC-NB-2	Regular	3" 7.5cm
CSIC-NB-3	Tall	3 3/4" 9.5cm
CSIC-NB-4	Extra Tall	4 1/2"



Scalloped contoured diffusion tabs.



Aluminum spine element allows custom contouring.



CERVICAL

COMFORT COLLAR

Code L0172 Approved

- Popular light weight cervical collar with double hook and pile closure.
- Molded foam two piece design with rigid anterior and posterior reinforcements.
- Shaped to the chin and shoulder contours with an opening for tracheotomy facilitation.
- Sized according to neck circumference and height measurement from sternal notch to chin.
- Latex free, hypo allergenic, X-ray, CT and MRI compatible.

Indications:

- Degenerative disorders
- Immobilization after trauma/surgery
- Spinal stenosis

Product Sizing:

Item # 2 1/4"	Item # 3 1/4"	Item # 4 1/4"	Item # 5 1/4"	Size	Neck Circ.
COMC-SN-2	COMC-SN-3	COMC-SN-4	COMC-SN-5	Sm	10" - 12"
COMC-MN-2	COMC-MN-3	COMC-MN-4	COMC-MN-5	Med	13" - 15"
COMC-LN-2	COMC-LN-3	COMC-LN-4	COMC-LN-5	Lg	16" - 18"

PACIFIC COLLAR

Code L0172

- A two piece semi-rigid thermoplastic cervical collar that provides excellent limitation of motion in controlling; flexion, rotation and lateral bending and ease of adjustability with quick release tightness knobs.
- A large anterior opening accommodates passage of tracheotomy facilitation.
- Replaceable plush laminated breathable padding affords the patient total comfort and compliance.

Product Sizing:

Item #	Collar Size	Tip of chin to top of shoulder
C-14A-S-M	Adult Sm/Med	2 2/4" - 3 3/4"
C-14A-M-L	Adult Med/Lg	3 3/4" - 5"

CERVICAL

CERVICAL
Minerva Orthosis
CTO Cervical Thoracic Orthosis
Mini Minerva Orthosis
Cyberspine Cervical Orthosis
University Cervical Collar
CSI C-Spine Immobilizer
Comfort Collar
Pacific Collar



CYBERSPINE TLSO

Code L0460 approved

A Thoracic Lumbar Sacral Orthosis designed to comfortably control and relieve acute pain often associated with anomalies of the spine such as osteoporosis, compression fractures, spinal stenosis, strain, and excessive kyphosis.

The CyberSpine TLSO provides superior triplanar motion control, extending from sacroccocygeal junction and terminating just inferior of the scapular spine. The four segmental rigid plastic shell components are ergonomically designed to restrict gross trunk motion in the sagittal, frontal and transverse planes. The anterior rigid plastic and thoracic extension extends from the symphysis pubis to the sternal notch and overlapping plastic lateral panels provide lateral stabilizing strength and control.

Indications:

- Acute pain relief by thoracic postural extension alignment
- Early onset through variable stages of osteoporosis
- Compression fractures of the thoracic spine
- Kyphosis
- Thoracic mechanical back pain
- As an adjunct to pre and post surgical protocols

Features and Benefits:

- Patented mechanical advantage pulley system.
- Fabricated with a very soft plush removable inner liner.
- Easy, no tools adjustable linear thoracic adjustment and articulating sternal pad and padded shoulder straps.
- Ergonomically designed posterior plastic frame with spine relief cutout extending from inferior spine of scapula to sacroccocygeal junction.
- Removable plush covered anatomical design anterior panel.
- Lateral plastic panels covered with spacer fabric for control and patient comfort.

Product Sizing:

Item #	Size	Waist Circ.	Back Panel Ht.
CSTL-NB-2	Small	30" – 35"	17"
CSTL-NB-3	Medium	35" – 40"	17"
CSTL-NB-4	Large	40" – 45"	19"
CSTL-NB-5	X-Large	45" – 50"	19"

U.S. Patent No. RE35,940

Range of Spinal Support



Quick pull tab height adjustment control may be tucked away after adjustment.



TLSO / T2/T3 - S1

CYBERTECH EXTENSION ORTHOSIS

Code L0456 Approved

Indications:

- Acute pain relief by thoracic postural extension alignment
- Early onset through variable stages of osteoporosis
- Compression fractures of the thoracic spine
- Kyphosis
- Thoracic mechanical back pain
- As an adjunct to pre and post surgical protocols



TLSO / T2/T3 - S1

Features:

- Cybertech patented mechanical advantage pulley system allows patient to adjust compression to the individual's support needs, enhancing compliance and better conformity to hip development.
- Reinforced spacer mesh is durable and allows breathability. The soft plush inner liner and a patient friendly strap location for superior comfortable support.
- Ergonomically designed posterior plastic shell with spine relief and 15 degrees of lordosis provide anatomic conformity. It extends from the inferior spine of the scapula to the sacrococcygeal junction.
- Posterior shell is enveloped into zippered plush spacer materials.
- Soft adjustable axilla straps with alligator Velcro tabs make it easy to adjust strap length.
- As simple to apply as a back pack or coat.

Product Sizing:

Item #	Size	Waist Circ.	Back Panel Ht.
CETL-NB-2	Small	30" – 35"	17" Back Panel
CETL-NB-3	Medium	35" – 40"	17" Back Panel
CETL-NB-4	Large	40" – 45"	19" Back Panel
CETL-NB-5	X-Large	45" – 50"	19" Back Panel

Short model is 18" in height and the Standard is 20" in height. The standard model is normally indicated for individuals 5'9" and taller and the Short for those individuals shorter than 5'9" tall.

Patents: 35,940. 6, 609, 642, B2



POSTURAL EXTENSION II

Code L0456 Approved

A Therapeutic Postural Extension Orthosis (TLSO) ergonomically designed to comfortably control and relieve acute pain often associated with anomalies of the spine such as osteoporosis, compression fractures, spinal stenosis, strain, and excessive kyphosis.

Indications:

- Acute pain relief by thoracic postural extension alignment
- Early onset through variable stages of osteoporosis
- Compression fractures of the thoracic spine
- Kyphosis
- Thoracic mechanical back pain
- As an adjunct to pre and post surgical protocols

Features:

- Flexible dual Cybertech patented mechanical advantage pulley system allows patient to adjust compression to the individual's support needs, enhancing compliance and better conformity to hip development.
- Fabricated with durable and cool reinforced spacer mesh material with a soft plush inner liner.
- Industry leading dual density conforming shoulder straps with patient friendly buckle location afford superior patient comfort.
- Linear adjustable ergonomic designed posterior aluminum frame for ease of shaping to anatomical contours, extending from sacrococcygeal junction to upper thoracic spine.
- Removable mesh/plush covered anatomical design anterior panel.
- Designed for the ease of applying as simple as a Backpack and patient friendly shoulder strap adjustments.

Product Sizing:

One universal Size. Universal circumference adjustability with lateral panel extensions.

Size	Circ.	Item #
Small/Medium without panels	25" - 40"	
Large/Extra Large with panels	40" - 55"	
	17" height posterior height	PEO-NB-1
	19" height posterior height	PEO-NB-2

Linear adjustability with post & screws
 Patents: 35,940, 6,609, 642, B2



TLSO / T2/T3 - S1

HYPER-X PLUS

Code L0472 Approved

An Anterior Hyperextension Orthosis for frontal and sagittal control of the mid thoracic and lumbar spine utilizing the basic three point pressure system. Designed to extend or hyperextend the thoracic spine, maintaining immobilization and reducing load on the anterior vertebral bodies from T-7 to L2.

Features and Benefits:

- Corrosion resistant anodized aluminum frame.
- Unique quick release closure and snap lock lever mechanism.
- Spring loaded hinged pelvic band eliminating migration, assuring patient comfort and compliance.
- Articulating sternal pad optimizes patient comfort.
- Ease of adjusting without removing screws in both linear and widths.
- Variable anatomical contour adjustment for proximal sternal frame customization.
- Standard and shorter version sizes available.

Product Sizing:

Item #	Sizes	Hip Range	Ht. Range
HYXP-SS-03	Short Small	31" – 35"	15" – 19"
HYXP-SR-04	Small Reg.	31" – 35"	17" – 19"
HYXP-MS-01	Short Medium	35" – 40"	17" – 21"
HYXP-MR-02	Medium Reg.	35" – 40"	19" – 21"
HYXP-LS-05	Short Large	40" – 44"	19" – 21"
HYXP-LR-06	Large Reg.	40" – 44"	21" – 23"

S: Short, R: Regular
Braces only come in White color.



For quick removal, simply insert thumb into loop cord and push forward.



To apply and remove just loosen the latch lock by pushing on blue area and lift. Remove by using quick release tab.

Maximum control with ease of adjustments and fitting.



Back pad makes better compression possible while adding comfort.



TLSO / T2/T3 - S1

TLSO
CyberSpine TLSO
Cybertech Extension Orthosis
Postural Extension
Hyper-X Plus
Cruciform
Cruciform Light
Body Jacket
T2/T3 - S1

CRUCIFORM Model L0472 Approved

Features and Benefits:

Typically, a patented closing system allows the brace to be worn in any condition, can operate. The ratchet system allows adjustment with one hand, in one second. The soft fabric fastener closure makes putting on and doffing fast and easy. The unique mechanical advantage for restricting motion vs. traditional Cruciform orthoses. The unique mechanical advantage provides superior 3-point Fixation. The patented nylon chest plate provides a unique "spring-like" dynamic. The brace custom fits each individual body. The anterior and lateral aspects of metal plates are tension easily adjusted by patented ratchet knob. The brace has soft pads. The unique mechanical Advantage provides unmatched comfort, control and support in a Cruciform Brace.

Product Sizing:

Item #	Size	Circ.
L0472-S	Small	25"-30"
L0472-M	Medium	30"-35"
L0472-L	Large	35"-40"
L0472-XL	X-Large	40"-45"
L0472-XXL	XX-Large	45"-50"
L0472-XXXL	XXX-Large	50"-55"

* Short vertical extensions available on request.



Quick release adjustment tabs.



US Patent: 6,190,343 B1; RE35,940



TLSO / T2/T3 - S1

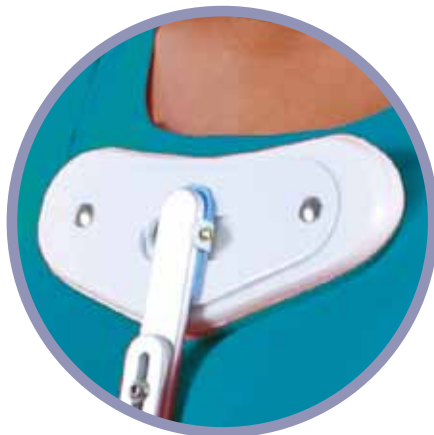
CRUCIFORM LITE

Code L0472

Features and Benefits:

- Value and quality
- One size
- Length from 12"-18"
- Aluminum Frame
- Velcro Closure
- White only

Item #: CFHY-NB-U



Articulated sternal pad

Velcro

Articulated pubic pad

BODY JACKET

Code L0639 Approved

Features and Benefits:

- Utilizing two patented Mechanical Advantage pulley systems maximizes rigid support.
- Dual pulley system controls permit independent adjustment of upper and lower segments of the Body jacket.
- Adjustments are easy and quick. The Body Jacket can be fully adjusted within 5 seconds!
- Single front fabric fastener makes it easy for patients to don and doff.
- Patient comfort is optimal thanks to lightweight and washable patterned foam. Pulley system units can be removed for washing.
- A series of four separate Lordotic pads are available for optimal lordosis.
- New anterior panel provides code-approved additional support.

Product Sizing:

Item #	Size	Circ.
BJKT-NW-1	Small	25"-30"
BJKT-NW-2	Medium	30"-35"
BJKT-NW-3	Large	35"-40"
BJKT-NW-4	X-Large	40"-45"
BJKT-NW-5	XX-Large	45"-50"
BJKT-NW-6	XXX-Large	50"-55"

Braces only come in White color.

US Patent: 4,508,110



TRIMOD SYSTEM

Code L0637 Approved

Features and Benefits:

- Cybertech Original Brace.
- Rigid Unibody Frame provides superior Posterior and Lateral support.
- 1-hand, 1-second adjustability provides patient convenience and control for greater compliance.
- New anterior panel, Chairback frame and Cybertech Brace: creating the TRIMODULAR SYSTEM: Incredible support, Patient comfort and Intercavitary pressure.
- Lightweight, impeccable construction, breathable side panels, insure greater compliance.
- Interchangeable TriMod component sizes insure proper patient fit.
- Bariatric Brace version available—fitting patients with extreme girths 56"-68" (10", 90° black only).



Anterior panel provides additional support.



Range of Spinal Support



Product Sizing:

Item#: Standard	Item#: Low Profile	Size	Circ.
ETSP-SB-1	ETSP-LB-1	Small	25"-30"
ETSP-SB-2	ETSP-LB-2	Medium	30"-35"
ETSP-SB-3	ETSP-LB-3	Large	35"-40"
ETSP-SB-4	ETSP-LB-4	X-Large	40"-45"
ETSP-SB-5	ETSP-LB-5	XX-Large	45"-50"
ETSP-SB-6	ETSP-LB-6	XXX-Large	50"-55"
ETSP-SB-7		4-5X-Large	56"-68"

Frames & panels come in Black color. Please use belt.

U.S. Patent No. RE35,940

LSO / T9 - S1

SHORT CHAIRBACK with Low Profile Black Brace

- A simple solution for a very common big problem.
- 2" shorter and clinically designed helps alleviate proximal lateral pressure that is seen so often in short waisted individuals.
- 12" Height low profile design is anatomically contoured for maximum patient comfort and compliance.
- Breathable soft removable/replaceable inner-liner.

Short Chairback Item Numbers & Sizes:

Frame Item #	Brace Item #	Size
US1200B-S	ETLP-LB-1-S	S
US1200B-M	ETLP-LB-2-M	M
US1200B-L	ETLP-LB-3-L	L
US1200B-XL	ETLP-LB-4-XL	XL

Short Chairback comes in Black only.



Posterior



Anterior



COMPREHENSIVE LSO

Code L0631 Approved

A comprehensive Lumbar Sacral Orthosis, sagittal control designed to comfortably control, stabilize and relieve acute pain often associated with anomalies of the spine such as spinal stenosis, spondylolisthesis, facet syndrome, and trauma as well as pre and post operative stabilization management protocols following: laminotomies, foraminotomies, IDET procedures, anterior laproscopic fusion and multilevel decompression.

The patented mechanical advantage pulley system with the padded rigid anterior panel allows the patient to actively participate in their treatment protocol by producing intracavitary pressure to reduce the load on the spine.

Indications:

- Lumbar mechanical back pain
- Spinal stenosis
- Trauma
- Spondylolisthesis
- Facet syndrome
- Post operative stabilization protocol following Laminotomy, Foraminotomy, IDET procedures, Anterior Laproscopic fusion and Multilevel decompression

Features:

- Original patented mechanical advantage pulley system
- Interactive patient controlled lumbar and compression conformity
- Rigid ergonomic posterior panel
- Ergonomic covered plastic anterior panel
- Removable plush padding on both anterior and posterior panels
- Targeted segmental therapy effectiveness controlling undesirable motion

Product Sizing:

Item #	Size	Circ.
TCLS-NB-2	Small	30" – 35"
TCLS-NB-3	Medium	35" – 40"
TCLS-NB-4	Large	40" – 45"
TCLS-NB-5	X-Large	45" – 50"

U.S. Patent No. RE35,940



Patented mechanical advantage pulley system with padded rigid anterior



Anterior view



Range of Spinal Support



LSO / T9 - S1

PREMIUM PLUS

Code L0631 Approved

Features and Benefits:

- Cybertech Original Brace
- 6:1 ratio, low friction pulley system, easiest to use, compression brace, anterior, and posterior panels for maximum lumbar sacral support and intercavity pressure.
- Semi rigid panels offer support beyond code specification, heat moldable.
- Superior intermediate bracing after panel removal.
- Patient controls support level with one hand adjustment in one second for standing or sitting, puts the patient in control for greater compliance.
- The classic Cybertech brace available in black or white, 8" and 10" widths, and 75 or 90 degree closure for optimum fit. Anterior and posterior panels are gray.
- New! Bariatric Brace version available—fitting patients with extreme girths 56"-68", (10", black only).
- Available in both 10" (standard) and 8" (low-profile) versions.

Product Sizing:

Item # Standard	Item # Low Profile	Size	Circ.
EPRP-SB-1	EPRP-LB-1	Small	25"-30"
EPRP-SB-2	EPRP-LB-2	Medium	30"-35"
EPRP-SB-3	EPRP-LB-3	Large	35"-40"
EPRP-SB-4	EPRP-LB-4	X-Large	40"-45"
EPRP-SB-5	EPRP-LB-5	XX-Large	45"-50"
EPRP-SB-6	EPRP-LB-6	XXX-Large	50"-55"
EPRP-SB-7		4-5X-Large	56"-68"

U.S. Patent No. RE35,940

EPRP-SB braces come in Black color only.



Anterior panel provides additional support.



LSO / T9 - S1

LSO
TriMod System
Short Chairback
Comprehensive LSO
Premium Plus
Therapeutic LSO
BiMod System
CyberMax™ LSO
MAC Plus
T9 - S1

THERAPEUTIC LSO

Code L0627 Approved

The Therapeutic LSO can accommodate an unsurpassed offering of therapeutic modalities such as a lumbar air bladder for contoured lumbar conformity or added abdominal compression, **cold and heat therapy** as well as a **TENS unit, Therapeutic Electrical Neuromuscular Stimulation**.

Features and Benefits:

- Original patented mechanical advantage pulley system.
- Interactive patient controlled lumbar and compression conformity.
- Rigid ergonomic posterior panel.
- Lumbar conforming air bladder and/or cold therapy modality (Included).
- Ergonomic covered plastic anterior panel.
- Removable plush padding on both anterior and posterior panels.
- Optional battery operated heat therapy and "Therapeutic Electrical Neuromuscular Stimulation", TENS units are available.
- Targeted segmental stabilization of undesired motion.
- Customized lumbar conforming pressure specific to the patient.
- Pads are adjustable. Remove both pads for the sleekest fit.

Product Sizing:

Item #	Size	Circ.
CYSP-NB-2	Small	30" – 35"
CYSP-NB-3	Medium	35" – 40"
CYSP-NB-4	Large	40" – 45"
CYSP-NB-5	X-Large	45" – 50"

Braces only come in black color.

Gel Pack with air bladder available. Item #: PNEU-NW-1

U.S. Patent No. RE35,940



Range of Spinal Support



LSO / T9 - S1

BIMOD SYSTEM

Code L0633 Approved

Features and Benefits:

- Cybertech Original Brace
- Combines rigid anterior-posterior medial lateral control with superior abdominal compression.
- Chairback easily slips off so LSO can be used for rehab/maintenance.
- Chairback frame can easily be custom-shaped with heat gun.
- 1-hand, 1-second adjustment allows for proper support while walking, standing, sitting, driving, etc.
- Single front fabric fastener makes easy to don or doff.
- Lightweight, impeccable construction, and breathable side panels help ensure patient comfort and greater compliance.
- Sizes of LSO and Chairback Frames are interchangeable, allowing greater ease of fitting.
- Lordotic pads available.
- New! Bariatric Brace version available—fitting patients with extreme girths 56”-68” (10”, 90° black only).
- Available in both 10” (standard) and 8” (low-profile) versions in black or white.

Product Sizing:

Item# Standard 10”	Item# Low Profile 8”	Size
L0633-S03	L0633L-S03	Small
L0633-M03	L0633L-M03	Medium
L0633-L03	L0633L-L03	Large
L0633-XL03	L0633L-XL03	X-Large
L0633-XXL03	L0633L-XXL03	XX- Large
L0633-XXXL03	L0633L-XXXL03	XXX- Large
L0633-XXXXL03		4-5X-Large

Braces come in Black color.

U.S. Patent No. RE35,940



LSO / T9 - S1

LSO
TriMod System
Short Chairback
Comprehensive LSO
Premium Plus
Therapeutic LSO
BiMod System
CyberMax™ LSO
MAC Plus
T9 - S1

CYBER-MAX™ LSO

Code L0627 Approved

Lumbar sacral orthosis, sagittal/coronal control with rigid anterior and posterior molded frame which extends from the sacrococcygeal junction to T-9 vertebra. The lateral strength is provided by the rigid lateral molded frame and it produces intracavitary pressure to reduce load on intervertebral discs.

The patented mechanical advantage pulley system with padded anterior rigid anterior panel allows the patient to actively participate in their treatment protocol by producing intracavitary pressure to reduce the load on the spine

- The CYBER-MAX LSO is totally modular providing stability and abdominal support with ergonomically molded polyethylene posterior/lateral and anterior shells affords the practitioner complete customization and patient comfort and compliance.
- Replaceable plush breathable laminate foam liners for patient comfort



Indications:

- Lumbar mechanical back pain
- Spinal stenosis
- Trauma
- Spondylolisthesis
- Facet syndrome
- Post operative stabilization protocol following Laminotomy, Foraminotomy, IDET procedures, Anterior Laproscopic fusion and Multilevel decompression

Features:

- Original patented mechanical advantage pulley system
- Interactive patient controlled lumbar and compression conformity
- Rigid ergonomic posterior panel
- Ergonomic covered plastic anterior panel
- Targeted segmental therapy effectiveness controlling undesirable motion

Product Sizing:

Item #	Size	Circ.
CMAX-NB-1	Small	30" – 35"
CMAX-NB-2	Medium	35" – 40"
CMAX-NB-3	Large	40" – 45"
CMAX-NB-4	X-Large	45" – 50"

U.S. Patent No. RE35,940



LSO / T9 - S1

LSO
 TriMod System
 Short Chairback
 Comprehensive LSO
 Premium Plus
 Therapeutic LSO
 BiMod System
 CyberMax™ LSO
 MAC Plus

MAC PLUS

Mechanical Advantage Corset Plus

Code L0630 Approved

Features and Benefits:

- An economic brace that comfortably contours and conforms to each patient's body structure.
- 3:1 ratio, low-friction Flexible Pulley System provides powerful, smooth and easily-controlled compression and support.
- Thin, lightweight, breathable construction combines with contouring panels for increased support.
- Quick, one-hand adjustment controls support level and comfort for standing or sitting.
- Both standard and low-profile patented posterior panels available.
- All panels are easily and quickly removed, with no tools.

Product Sizing:

Item # Standard	Item # Low Profile	Size	Circ.
EMAC-NW-1	EMAC-NB-1	Small	25"-30"
EMAC-NW-2	EMAC-NB-2	Medium	30"-35"
EMAC-NW-3	EMAC-NB-3	Large	35"-40"
EMAC-NW-4	EMAC-NB-4	X-Large	40"-45"
EMAC-NW-5	EMAC-NB-5	XX-Large	45"-50"

Braces only come in White color. The Low Profile MAC Plus available in black only.

U.S. Patent No. RE35,940



S.P.I.N.E.™ PLUS

Code L0627 Approved

Features and Benefits:

- Patented, new posterior panel and SPINE brace that comfortably contour and conform to each patient's body structure.
- 6:1 ratio, low friction Mechanical Advantage Pulley System provides powerful, smooth and easily-controlled compression.
- Lightweight, breathable construction combined with contouring panels for increased comfort and support.
- Quick, one-hand adjustment controls support level and comfort for standing or sitting.
- Single front closure provides easy opening and closing.
- 2 panel sizes available.
- New anterior panel provides additional abdominal lightweight comfort and support!
- All panels are easily and quickly removed with no tools.



Product Sizing:

Item # SPINE Plus	Item # SPINE Sport	Size	Circ.
ESFP-NB-0		XSmall	20"-25"
ESFP-NB-1	OM500-S	Small	25"-30"
ESFP-NB-2	OM500-M	Medium	30"-35"
ESFP-NB-3	OM500-L	Large	35"-40"
ESFP-NB-4	OM500-XL	X-Large	40"-45"
ESFP-NB-5	OM500-XXL	XX- Large	45"-50"
ESFP-NB-6	OM500-XXXL	XXX- Large	50"-55"

Braces come in Black color.
XS size comes in Black only.

U.S. Patent No. RE35,940



Range of Spinal Support



S.P.I.N.E. SPORT

Features and Benefits:

Similar construction to the Spine Brace with a narrower profile allowing for an enhanced activity level or greater range of motion.



L0 / L1 - S1

FLEX PLUS

Code L0627 Approved

Features and Benefits:

- Patented, new posterior panel and Flexible Pulley System in an intermediate brace that comfortably contours and conforms to each patient's body structure.
- 5:1 ratio, low-friction Flexible Pulley Systems provide powerful, smooth and easily-controlled compression.
- Lightweight, breathable construction combines with contouring panels for increased comfort and support.
- Quick, one-hand adjustment controls support level and comfort for standing or sitting.

Product Sizing:

Item# Size 10"	Item# Size 8"	Size	Circ.
EGFP-SG-1	EGFP-LG-1	Small	25"-30"
EGFP-SG-2	EGFP-LG-2	Medium	30"-35"
EGFP-SG-3	EGFP-LG-3	Large	35"-40"
EGFP-SG-4	EGFP-LG-4	X-Large	40"-45"
EGFP-SG-5	EGFP-LG-5	XX-Large	45"-50"
EGFP-SG-6	EGFP-LG-6	XXX-Large	50"-55"

Braces come in Gray color only.

U.S. Patent No. RE35,940

L0 / L1 - S1

S.P.I.N.E.™ Plus
S.P.I.N.E.™ Sport
Flex Plus
The ORIGINAL Cybertech Brace
S.P.I.N.E.™ Brace
MAC
Low Profile MAC

L0 / L1 - S1



Flex Plus anterior panel provides added support.



THE ORIGINAL CYBERTECH BRACE

Instant, Bionic Assisted Support

The Original Cybertech has helped many thousands of patients compliantly recover from spine surgery with less pain, more comfort and control. The Original brace is the active component of three code approved systems, and can be used by itself as a step down brace as part of the patient recovery program. Available in two profiles or widths, and from 25" to 68" girths, the Original Cybertech Brace is an effective tool to assist a wide range of recuperating patients.

Features and Benefits:

- Utilizing the patented Mechanical Advantage Pulley System, the brace provides a powerful, dynamic approach to abdominal compression.
- The patient can adjust the brace with one hand in one second for standing, sitting, walking or driving.
- Single front fabric fastener makes the brace easy to don or doff.
- Specially designed nylon mesh side panel maximizes air-flow.
- Cybertech mechanical advantage Lumbar Sacral Orthosis with 6 times more power for abdominal compression.
- Power units are removable for washing.

A patented lower back support system and performance enhancer:

The original brace offers the mechanical advantage that was originally designed to meet the demanding requirements of orthopedic surgeons. Utilizing the same patented pulley system, Cybertech has designed the brace specifically to meet the performance needs of athletes.



Product Sizing:

Item # Standard	Item # 75 Degree	Item # Low Profile	Size	Circ.
STAN-S03	STAN-S02	LOW-S03	Small	25"-30"
STAN-M03	STAN-M02	LOW-M03	Medium	30"-35"
STAN-L03	STAN-L02	LOW-L03	Large	35"-40"
STAN-XL03	STAN-XL02	LOW-XL03	X-Large	40"-45"
STAN-XXL03	STAN-XXL02	LOW-XXL03	XX- Large	45"-50"
STAN-XXXL03	STAN-XXXL02	LOW-XXXL03	XXX- Large	50"-55"
STAN-XXXXL03			4-5XLarge	56"-68"

Original braces come in standard Black color.
Please use "01" after item number for White color.
75 degree come in standard white only.

U.S. Patent No. RE35,940



L0 / L1 - S1

S.P.I.N.E.™ BRACE

The first-step intervention program for the treatment of low back pain.

The S.P.I.N.E. Program was created for all medical practitioners that see or treat low back pain. It's the program for the first line of defense, by giving (mechanical) pain relief and control immediately to the patient.

Features and Benefits:

- Utilizing the patented Mechanical Advantage Pulley System.
- The patient can adjust the brace with one hand in one second for standing, sitting, walking or driving.
- Single front fabric fastener makes the brace easy to don or doff.
- Specially designed mesh maximizes air-flow.

The Program Includes:

- Cybertech mechanical advantage Lumbar Sacral Orthosis with 6 times more power for abdominal compression.
- Six minute video on patient back pain and how they can manage it.
- A booklet that includes First Aid for the onset of low back pain, and exercises to prevent it.
- A carrying case so the program can be kept together, and for ease of use when traveling.

1-hand, 1-second adjustability provides patient convenience and control for greater compliance.



L0 / L1 - S1

Product Sizing:

Item # SPINE Brace Only	Item # SPINE Program	Size	Circ.
SPINES-XS03	SPINEP-XS03	XSmall	20"-25"
SPINES-S03	SPINEP-S03	Small	25"-30"
SPINES-M03	SPINEP-M03	Medium	30"-35"
SPINES-L03	SPINEP-L03	Large	35"-40"
SPINES-XL03	SPINEP-XL03	X-Large	40"-45"
SPINES-XXL03	SPINEP-XXL03	XX- Large	45"-50"
SPINES-XXXL03	SPINEP-XXXL03	XXX- Large	50"-55"

Braces come in standard Black color only.

SPINE Brace available alone or with SPINE Program that includes instructional DVD, manual and carry bag.

U.S. Patent No. RE35,940

S.P.I.N.E.™ Plus
S.P.I.N.E.™ Sport
Flex Plus
The ORIGINAL Cybertech Brace
S.P.I.N.E.™ Brace
MAC
Low Profile MAC

L1 - S1

MAC

Mechanical Advantage Corset

Code L0626 Approved

Features and Benefits:

- Provides unmatched comfort, control and support.
- Posterior spine elements curve to the body.
- The most powerful corset on the market.
- As thin as a belt—so you can wear it under clothing.
- Adjusts with the pull of one hand in one second.
- Custom designed lightweight mesh over wicking material allows unmatched breathability and comfort.
- Priced competitively with ordinary corsets.
- Up to 6" of closure—unmatched abdominal compression.



Product Sizing:

Item # Standard	Item # Low Profile	Size	Circ.
L0626-S	L0626B-S	Small	25"-30"
L0626-M	L0626B-M	Medium	30"-35"
L0626-L	L0626B-L	Large	35"-40"
L0626-XL	L0626B-XL	X-Large	40"-45"
1L0626-XXL	L0626B-XXL	XX-Large	45"-50"



Standard MAC in white only.



L0 / L1 - S1

NEW
LOW PROFILE MAC
in Black with lower contoured profile
Code L0626 Approved



L0 / L1 - S1

L0
S.P.I.N.E.™ Plus
S.P.I.N.E.™ Sport
Flex Plus
The ORIGINAL Cybertech Brace
S.P.I.N.E.™ Brace
MAC
Low Profile MAC
L1 - S1

The Low Profile MAC available in black only.

U.S. Patent No. RE35,940

SI BELT

Code L0621 Approved

**Include CG modifier to this code for billing Medicare.*

The SI Belt provides stabilization of the sacroiliac (SI) joints through direct circumferential compression utilizing the **5 to 1 ratio** mechanical advantage pulley system. The SI belt is prescribed for conservative treatment of sacroiliac strain or arthritis.

Indications:

- SI joint pain
- Arthritis
- Symphyololysis

Features and Benefits:

- 5:1 mechanical advantage compression power provides unmatched pelvic-sacral support. (3:1 in Low Profile)
- Flexible sacroiliac orthosis with breathable mesh, comfortable to wear.
- Significantly reduces motion about the sacroiliac joint. Instant pain relief in most cases.
- Fabric closure for one size fits all performance, 23 to 50 inch circumference.
- Flexible Pulley System instantly adjusts to the body with one hand in one second.
- Customized stabilization pressure specific to the patient.
- Adjustable pads. Remove both pads for the sleekest fit.



Product Sizing:

Item#	Size	Color
CYB630	Universal	White
CYB630-G	Universal	Gray

U.S. Patent No. RE35,940



S0 / L5 - Coccyx

Low Profile SI BELT

Code L0621 Approved

**Include CG modifier to this code for billing Medicare.*

The new low profile SI Belt provides stabilization of the sacroiliac (SI) joints through direct circumferential compression utilizing the **3 to 1 ratio** mechanical advantage pulley system. The SI belt is prescribed for conservative treatment of sacroiliac strain or arthritis.

Product Sizing:

Item #	Size	Color
CYB630-LB-2	Small - Up to 35"	Black
CYB630-LB-3	Standard - 35" to 50"	Black

Low Profile SI Belt available in black only.

U.S. Patent No. RE35,940



S0 / L5 - Coccyx



Excellent for post partum symphysis pubis dysfunction with pads removed.



THERAPEUTIC MODALITY OPTIONS

For use with:

- Therapeutic LSO
- Comprehensive LSO
- Cyber-MAX
- CyberSpine TLSO
- Short TriMod
- Short BiMod

A total continuum of care is achieved with selected therapeutic modalities such as a removable, conforming inflatable **Cold Therapy Lumbar Gel** pad included with each LSO.

Optional: Removable **Heat Therapy Pad** with variable temperature control and rechargeable battery pack that lasts up to an hour at a time.

The LSO accommodate the use of **Digital Transcutaneous Electrical Nerve Stimulation (TENS)** with electrode removal and ease of positioning within the posterior panel.

According to documented clinical studies, it is known what the benefits of cold and heat therapy afford to the positive outcomes in any spine injury management protocol. This places the CyberSpine LSO ahead of any other spinal management system by offering the total continuum of care.



Pneu-Ice Gelback Cold Therapy/ Inflatable Lumbar pad.
Item #: PNEU-NW-1



Convenient and easy mode display with selective controls.

Code: E0730
Item #: TENS-UN

Digital TENS unit with conductive electrodes. Conductive spray is needed in conjunction with conductive electrodes.

Conductive Electrodes
Item #: TENS-CE

Conductive Spray
Item #: TENS-CS



Heat Therapy Pad with rechargeable battery and 3 heat control selections.

Item #: HEAT-UN



COOLMAX BODY SOCK TORSO INTERFACE

Code L0984

Features and Benefits:

- The Original Protective Body Sock
- Seamless
- Two way stretch
- Provides skin protection and comfort
- Virtually wrinkle free
- CoolMax® and X-Static® fibers wick moisture to keep skin dry

The 150% stretch of the material will accommodate hip development and it can be pulled down to cover hips with the two way stretch of the fabric.

Product Sizing:

Item #	Size	Width	Length	Fits Circumference
1BP1-BS-MD	M	8"(20cm)	16"(40cm)	18" - 24" (45-60cm)
1BP1-BS-LG	L	10"(25cm)	20"(50cm)	22" - 30" (55-75cm)
1BP1-BS-XL	XL	12"(30cm)	24"(60cm)	26" - 38" (66-95cm)

Note: Measure waist for sizing



ACCESSORIES:

Lordotic Pads:

Item #	Size
LP607	7 Degree
LP610	10 Degree
LP612	12 Degree
LP615	15 Degree
LP618	10,12 Degree
LP619	7,10,12,15 Degree

Pad pairs available in Gray.



Digital TENS Unit Kit:

Code: E0730

Item #: TENS-UN

Electrodes:

Code: A4556

Electrodes may be purchased separately.
(4 ea/pack)

Item #: TENS-EL



1. Carrying case
2. TENS Unit
3. Lead wires - 2 ea.
4. Battery - 9 volt
5. Standard electrodes
6. Operation manual

CYBERTECH FITTING GUIDE

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, Cruciform Lite & TLSO's:** Measure circumference at the level of the umbilicus and symphysis pubis and take the largest measurement to choose the brace sizing.
- **8" Low Profile Braces:** Recommended 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.

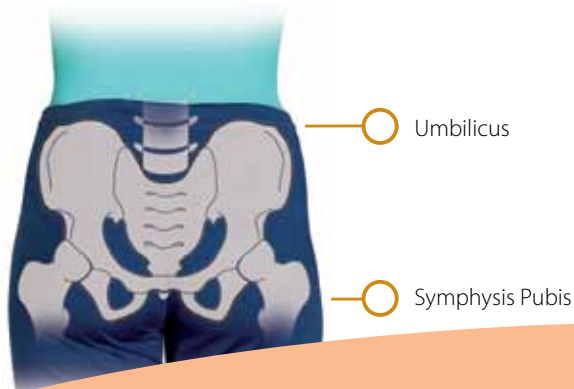
Cruciform & Cruciform Lite:

Measure distance between sternal notch and symphysis pubis and subtract 2" asic lumbar support is available in standard.

Hyper-X & TLSO's:

Same measurements as above plus hip and waist circumference.

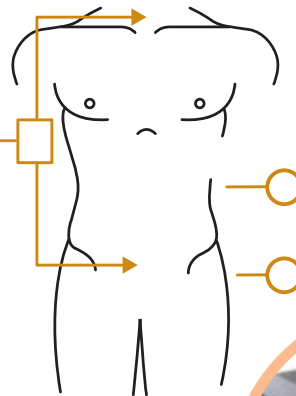
Measure circumference at the level of Umbilicus and Symphysis Pubis. Take largest measurement to choose the brace size.



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.

Small:	25"- 30"
Medium:	30"- 35"
Large:	35"- 40"
XL:	40"- 45"
XXL:	45"- 50"
XXXL:	50"- 55"
4X-5XL:	56"- 68"

Our basic lumbar support is available in standard (10") and low profile (8") heights. (See individual product for specifications.)



Mechanical Advantage Pulley System
3:1, 5:1 and 6:1 compression ratios.



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

- **SI Belt** – Indications: Sacroiliac joint pain, postpartum symphysis pubis dysfunction, arthritis
- **S.P.I.N.E.™ Sport / S.P.I.N.E.™ Brace / S.P.I.N.E.™ Program / Original Cybertech Brace / MAC** – Indications: Lumbar mechanical back pain, single column spinal instability, early intervention and prevention
- **MAC Plus** – Indications: Lumbar sacral mechanical back pain, discectomy, laminectomy, laminotomy, degenerative disc, herniated disc, bulging disc
- **Flex Plus / S.P.I.N.E.™ Plus / Therapeutic LSO / Bimod System / Premium Plus / Comprehensive LSO / Trimod System / Cyber-Max™ LSO** - Indications: Lumbar mechanical back pain, spinal stenosis, trauma, spondylolysis, spondylolisthesis, degenerative disc, herniated disc, bulging disc, burst fracture, facet syndrome, postoperative stabilization protocol following: laminotomy, foraminotomy, IDET procedures, anterior laproscopic fusion, posterior lateral fusion and multi-level decompression
- **Cruciform** – Indications: Thoracic mechanical back pain, control of unintended thoracic flexion posture, promotion of spinal alignment to aid in pain reduction associated with osteoarthritis and other spinal anomalies, early onset through variable stages of osteoporosis, thoracolumbar injury, compression fractures, degenerative disc, kyphosis
- **Hyper-X Plus** – Indications: Thoracic mechanical back pain, control of unintended thoracic flexion posture, promotion of spinal alignment to aid in pain reduction associated with osteoarthritis and other spinal anomalies, early onset through variable stages of osteoporosis, thoracolumbar injury, compression fractures, degenerative disc, herniated disc, bulging disc, kyphosis, post surgical stabilization, as an adjunct to pre and post surgical protocols
- **Cyberspine TLSO** – Indications: Thoracic mechanical back pain, control of unintended thoracic flexion posture, promotion of spinal alignment to aid in pain reduction associated with osteoarthritis and other spinal anomalies, early onset through variable stages of osteoporosis, thoracolumbar injury, compression fractures, degenerative disc, herniated disc, bulging disc, kyphosis, as an adjunct to pre and post surgical protocols
- **Body Jacket** – Indications: Thoracic lumbar mechanical back pain, promotion of spinal alignment to aid in pain reduction associated with osteoarthritis and other spinal anomalies, thoracolumbar injury, degenerative disc, herniated disc, bulging disc, burst fracture, spinal stenosis, as an adjunct to pre and post surgical protocols

NOTE: The above indications may serve as a basic guide. The utilization of all **CYBERTECH Medical** 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 spinal orthosis, for each particular patient.

PANEL AND FRAME SPECIFICATION: All dimensions in inches listed: height, width.

	XS	S	M	L	XL	XXL	3XL	4-5X
	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-68
TriMod								
Anterior Panel		7 1/2 x 10 1/2	7 1/2 x 10 1/2	8 3/4 x 13 1/2	8 3/4 x 13 5/8	9 1/4 x 15	9 1/4 x 15	9 1/4 x 15
Chairback Frame		13 x 17	14 x 19	14 x 21	15 x 26	15 x 26	15 x 26	15 x 26
BiMod								
Short Chairback		13 x 17	14 x 19	14 x 21	15 x 26	15 x 26	15 x 26	15 x 26
		11 x 17	12 x 20	12 x 23	12 x 25	12 x 25	12 x 25	
Premium Plus								
Anterior Panel		7 1/2 x 10 1/2	7 1/2 x 10 1/2	8 3/4 x 13 5/8	8 3/4 x 13 5/8	9 1/4 x 15	9 1/4 x 15	9 1/4 x 15
Posterior Panel		12 5/8 x 9 3/8	12 5/8 x 9 3/8	12 5/8 x 9 3/8	12 5/8 x 9 3/8	12 5/8 x 9 3/8	12 5/8 x 9 3/8	12 5/8 x 9 3/8
Flex Plus								
	S	M	L	XL	2XL	3XL		
Anterior Panel		7 1/2 x 10 1/2	7 1/2 x 10 1/2	8 3/4 x 13 5/8	8 3/4 x 13 5/8	9 1/4 x 15	9 1/4 x 15	
Posterior Panel		9 x 9 1/4	9 x 9 1/4	9 x 9 1/4	9 x 9 1/4	9 x 9 1/4	9 x 9 1/4	
TLSO								
Anterior Panel		9 1/2, 12 1/2	9 1/2, 15	10, 17	10, 19	10, 25	10, 25	
Posterior Panel		16, 9	16 1/2, 11 1/2	17 1/2, 13	17 1/2, 15	17 1/2, 15	17 1/2, 15	
SPINE Plus								
	XS	S	M	L	XL	2XL	3XL	
Anterior Panel		5 1/2 x 9	7 1/2 x 10 1/2	7 1/2 x 10 1/2	8 3/4 x 13 5/8	8 3/4 x 13 5/8	9 1/4 x 15	9 1/4 x 15
Posterior Panel		9 x 9 1/4	9 x 9 1/4	9 x 9 1/4	9 x 9 1/4	9 x 9 1/4	9 x 9 1/4	
MAC Plus								
	S	M	L	XL	2XL			
Posterior Panel		12 5/8 x 9 3/8	12 5/8 x 9 3/8	12 5/8 x 9 3/8	12 5/8 x 9 3/8	12 5/8 x 9 3/8		
CyberMax LSO								
	S	M	L	XL				
Anterior Panel		7 1/2, 10 1/2	7 1/2, 10 1/2	8 3/4, 13 1/2	8 3/4, 13 1/2			
Posterior Panel		9 1/2, 15 1/2	10, 18	11 1/2, 20	11 1/2, 20			
Therapeutic LSO								
Anterior Panel			7 1/2, 10 1/2	7 1/2, 10 1/2	8 3/4, 13 1/2	8 3/4, 13 1/2		
Posterior Panel			12 1/4, 11 1/2	12 1/4, 11 1/2	12 1/4, 11 1/2	12 1/4, 11 1/2		
Comprehensive LSO								
Anterior Panel			7 1/2, 10 1/2	7 1/2, 10 1/2	8 3/4, 13 1/2	8 3/4, 13 1/2		
Posterior Panel			14 1/2, 12	14 1/2, 12	14 1/2, 12	14 1/2, 12		
Cyberspine TLSO								
Anterior Panel			7 1/2, 10 1/2	7 1/2, 10 1/2	8 3/4, 13 1/2	8 3/4, 13 1/2		
Posterior Panel			17, 11 1/4	17, 11 1/4	19, 12 1/4	19, 12 1/4		

CYBERTECH BRACE DIMENSIONS: Anterior, Posterior in inches

	XS	S	M	L	XL	XXL	3XL	4-5X
MAC Low profile								
		7, 9 1/4	7, 9 3/4	7, 10 1/2	7, 10 1/2	7, 10 1/2		
MAC								
		6 1/4, 8 3/4	6 1/4, 8 3/4	6 1/2, 9	6 3/4, 9	6 3/4, 9		
SPINE Sport								
		4 1/4, 7 1/4	4 1/4, 8	4 1/4, 8 1/2	4 1/4, 8 3/4	4 1/4, 9 1/4	4 1/4, 9 3/4	
SPINE								
	4 1/2, 7 1/2	5, 7 3/4	5 1/4, 8	6, 8 1/2	7, 9	8, 10	9, 10 3/4	
Flex Plus Low profile								
		5, 8 1/4	5 1/4, 8 1/4	6, 8 1/2	7, 9	8, 9 1/2	9, 10	
Flex Plus								
		7 1/2, 10	8, 10	8, 10	8, 10	8 1/4, 10 1/4	9, 10 1/4	
Original Brace Low profile								
	5, 7 1/2	5 1/2, 8	6, 8 1/2	7, 9	7 3/4, 9 1/2	8, 10		
Original Brace								
		7 1/2, 10	5, 7 1/2	8, 10	8, 10	8 1/2, 10 1/2	8 3/4, 10 1/2	9 3/4, 10 1/2
Body Jacket								
		8, 14 1/4	8, 14 1/4	8 1/4, 15 1/4	8 1/4, 15 1/4			

ANATOMICALLY CORRECT ANTERIOR PANELS

Brace Size: Anterior Panel Size:

XS	XS Width: 9" Height: 5 1/2"	
S M	S/M Width: 10 1/2" Height: 7 1/2"	
L XL	L/XL Width: 13 5/8" Height: 8 3/4"	
XXL XXXL	XXL/XXXL Width: 15" Height: 9 1/4"	

GUIDES / FIT

