



SPINAL SOLUTIONS

DeRoyal® CTO – Cervical Thoracic Orthosis

Complete 3-in-1 System to Meet Your Cervicothoracic Bracing Needs



- Features a 3-in-1 system: cervical collar, 2 post collar and 4 post collar
- Can purchase as complete 3-in-1 system which can be modified during patient recovery
- Provides anterior/posterior, medial/lateral support and rotational control for the upper thoracic and cervical spine
- Latex-safe, non-toxic open-cell liner helps prevent skin breakdown and increase patient compliance
- Easy to adjust for a comfortable secure fit
- Replacement softgoods for collar and vest available
- Adult and pediatric sizes available
- X-Ray compatible

Indications: Stable Cervical Fractures and Dislocations, Stable High Thoracic Fractures or Dislocations, Cervical Sprains and Strains, Post-operative Stabilization of the Upper Spine, Rheumatoid Arthritis, Spondylosis



4 Post Collar



2 Post Collar



Cervical Collar

XTW Extended Wear Collar

Where Stability Meets Comfort



- Designed to help restrict flexion, extension, lateral bending and axial rotation
- High-density polyethylene frame for maximum rigidity and support
- Shoulder and mandible contours for increased stability and comfort
- Anterior and posterior flex tabs for individual comfort
- Adjustable bi-lateral hook and loop closures
- Latex-safe, non-toxic open-cell liner to help prevent skin breakdown
- 5 adult and 5 child sizes to ensure best patient fit
- X-Ray, CT and MRI lucent
- Replacement softgoods available upon request

Indications: Cervical Sprains and Strains, Cervical Spinal Stenosis, Cervical Disc Displacement, Cervical Arthritis, Whiplash Injury, Cervical Spondylosis and Spondylolisthesis, Degenerative Disc Disease, Cervicalgia

S-I (Sacroiliac) Support Belt

Addressing All Stages of S-I Pain



- Constructed of a non-slip neoprene material to provide compression and allow stretch for movement
- Removable inner pads provide uniform compression and anterior/posterior support to the S-I joint and can be adjusted to customize fit specific to patient
- Thin material is low profile to allow patients to wear support belt under clothes
- Tan color cannot be seen under clothes
- Simple hook closure eliminates the need for bulky buckles
- Available in two sizes to fit most patients
- Designed by a physical therapist
- Latex-safe

Indications: S-I (Sacroiliac) Pain, S-I Joint Instability, S-I Ligament Strain

Solace™ Low Profile Back Brace

Maximizing Quality & Comfort



- Soft, breathable material provides a cool, comfortable fit increasing patient compliance
- Adjustable pulley style closure system is easy to secure and provides maximum compression
- Anterior and posterior ABS plastic inserts provide control and support
- Low profile, lightweight design fits easily under patient's clothing
- Plastic d-rings for ease of application and removal
- Four sizes available to ensure a comfortable fit

Indications: Chronic Low Back Pain; Lumbar Muscle Weakness; Lumbar Sprains and Strains; Mechanical or Discogenic Lumbar Pain

Prolign® LO Spinal Orthosis

Providing Low Back Pain Relief



- Designed to take the load sharing off lumbar region while providing compression or cushioning to paravertebral soft tissues giving affected areas a chance to heal/rest
- Rigid anterior insert provides support to the intra-abdominal and viscera region thus further helping to unload the spine under gravitational load
- 15° or 25° posterior and neutral anterior plastic inserts are moldable with a heat gun
- Dual, dynamic closure attachments provide instant full range adjustment and maximum compression
- Inner liner wicks away perspiration to help prevent skin breakdown
- Plastic d-rings for ease of application and removal

Indications: Post-operative Lumbar Immobilization, Chronic Low Back Pain, Lumbar Muscle and Ligamentous Strains and Sprains, Mechanical or Discogenic Disc Disease, Postural Support, Lumbar Muscle Weakness, Degenerative Disc Disease, IDET Procedure, Spinal Blocks

Ultralign®+ LSO and TLSO Spinal Orthosis

DeRoyal Spinal Bracing System Optimizes Support While Enhancing Comfort



LSO Back



TLSO Back

- Heat-moldable polymer plastic inserts (anterior, posterior, lateral) for rigid support
- Dual, dynamic closure system allows for infinite adjustability and maximum compression
- Soft, breathable inner liner wicks away perspiration to help prevent skin breakdown and enhance patient compliance
- Non-tapered and tapered versions available for best patient fit
- DLE (Dorsal Lumbar Extension) or SPK (Sternal Pad Kit) available for maximum control
- Low and mid profile LSO options and low profile TLSO option available for shorter waisted patients
- LSO available in 0°, 15° and 25° lordosis
TLSO available in 15° and 25° lordosis

LSO Indications: Post-operative Lumbar Fusion, Laminectomy or Discectomy, Lumbar Compression Fractures, Degenerative Disc Disease, Osteoporosis, Spondylolisthesis, Spondylolysis, Spinal Stenosis, Facet Syndrome

- Designed to address the needs of most L1-L5 pathologies

TLSO Indications: Post-operative Thoracic/Lumbar Fusion, Laminectomy or Discectomy, Compression Fractures, Degenerative Disc Disease, Osteoporosis, Single Column Instability Immobilization, Facet Syndrome

- Designed to address the needs of most T6-L5 pathologies



DLE Front



DLE Back



SPK Front



SPK Back

PRODUCT NUMBERS AND SIZING

XTW Extended Wear Collar

SIZE	COLLAR	COLLAR & PAD SET
Adult X-Short	11201000	11202000
Adult Short	11211000	11212000
Adult Regular	11221000	11222000
Adult Tall	11231000	11232000
Adult X-Tall	11241000	11242000
Infant Short	11251000	11252000
Infant Regular	11261000	11262000
Child Tot	11271000	11272000
Child Short	11281000	11282000
Child Regular	11291000	11292000

DeRoyal® CTO

SIZE	PRODUCT #
Adult Short	11216000
Adult Regular	11226000
Adult Tall	11236000
Adult X-Tall	11246000
Pediatric	11256000

S-I Support Belt

SIZE	PELVIC CIRCUMFERENCE	PRODUCT #
Small/Medium	30" - 46"	13480056
Large/X-Large	47" - 60"	13480078

Measure pelvic circumference 1" above superior aspect of the greater trochanter

Solace™ Low Profile Back Brace

SIZE	WAIST CIRCUMFERENCE	PRODUCT #
Small	26" - 34"	13400005
Medium	32" - 40"	13400006
Large	38" - 46"	13400007
X-Large	44" - 51"	13400008

Prolign® LO Spinal Orthosis

SIZE	WAIST CIRCUMFERENCE	15°	25°
X-Small	25" - 30"	13501004	13500004
Small	30" - 35"	13501005	13500005
Medium	35" - 40"	13501006	13500006
Large	40" - 45"	13501007	13500007
X-Large	45" - 50"	13501008	13500008
XX-Large	50" - 55"	13501009	13500009

Ultralign® + LSO

NON-TAPERED	0°	15°	25°	TAPERED	0°	15°	25°
Small	UPL1330-0	UPL1330-15	UPL1330-25	Small	UPL2330-0	UPL2330-15	UPL2330-25
Medium	UPL1430-0	UPL1430-15	UPL1430-25	Medium	UPL2430-0	UPL2430-15	UPL2430-25
Large	UPL1530-0	UPL1530-15	UPL1530-25	Large	UPL2530-0	UPL2530-15	UPL2530-25
X-Large	UPL1630-0	UPL1630-15	UPL1630-25	X-Large	UPL2630-0	UPL2630-15	UPL2630-25
XX-Large	UPL1730-0	UPL1730-15	UPL1730-25	XX-Large	UPL2730-0	UPL2730-15	UPL2730-25

Ultralign®+ LSO Low Profile

TAPERED	15°	25°
Small	UPLP2330-15	UPLP2330-25
Medium	UPLP2430-15	UPLP2430-25
Large	UPLP2530-15	UPLP2530-25
X-Large	UPLP2630-15	UPLP2630-25
XX-Large	UPLP2730-15	UPLP2730-25

Ultralign®+ LSO Mid Profile

NON-TAPERED	15°
Small	UPMP1330-15
Medium	UPMP1430-15
Large	UPMP1530-15
X-Large	UPMP1630-15
XX-Large	UPMP1730-15

Ultralign®+ TLSO

NON-TAPERED	15°	25°	TAPERED	15°	25°
Small	UPT1333-15	UPT1333-25	Small	UPT2333-15	UPT2333-25
Medium	UPT1433-15	UPT1433-25	Medium	UPT2433-15	UPT2433-25
Large	UPT1533-15	UPT1533-25	Large	UPT2533-15	UPT2533-25
X-Large	UPT1633-15	UPT1633-25	X-Large	UPT2633-15	UPT2633-25
XX-Large	UPT1733-15	UPT1733-25	XX-Large	UPT2733-15	UPT2733-25

Sizing for Ultralign®+ LSO and TLSO

NON-TAPERED			TAPERED		
Small	Xyphoid	31" - 35"	Small	Xyphoid	25" - 31"
	Waist	31" - 35"		Waist	25" - 31"
	Trochanter	31" - 35"		Trochanter	27" - 33"
Medium	Xyphoid	34" - 38"	Medium	Xyphoid	28" - 35"
	Waist	32" - 38"		Waist	29" - 36"
	Trochanter	34" - 39"		Trochanter	32" - 38"
Large	Xyphoid	37" - 41"	Large	Xyphoid	32" - 38"
	Waist	35" - 41"		Waist	32" - 38"
	Trochanter	38" - 42"		Trochanter	35" - 41"
X-Large	Xyphoid	38" - 45"	X-Large	Xyphoid	35" - 42"
	Waist	38" - 45"		Waist	36" - 42"
	Trochanter	38" - 45"		Trochanter	38" - 46"
XX-Large	Xyphoid	45" - 53"	XX-Large	Xyphoid	40" - 46"
	Waist	45" - 53"		Waist	39" - 47"
	Trochanter	45" - 53"		Trochanter	43" - 49"

Sizing determined by three circumferential measurements:

- 1" below tip of breast bone or xyphoid process
- Around navel or waist
- Around fullest area of trochanter or hips

Ultralign®+ TLSO Low Profile

TAPERED	15°	25°
Small	UPLT2333-15	UPLT2333-25
Medium	UPLT2433-15	UPLT2433-25
Large	UPLT2533-15	UPLT2533-25
X-Large	UPLT2633-15	UPLT2633-25
XX-Large	UPLT2733-15	UPLT2733-25

Ultralign®+ Accessories

	PRODUCT #
Dorsal Lumbar Extension	UDLE
Sternal Pad Kit	USPK
3 1/2" Extension Panels	UEP2031
5 1/2" Extension Panels	UEP2051

Diverse. Dynamic.



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