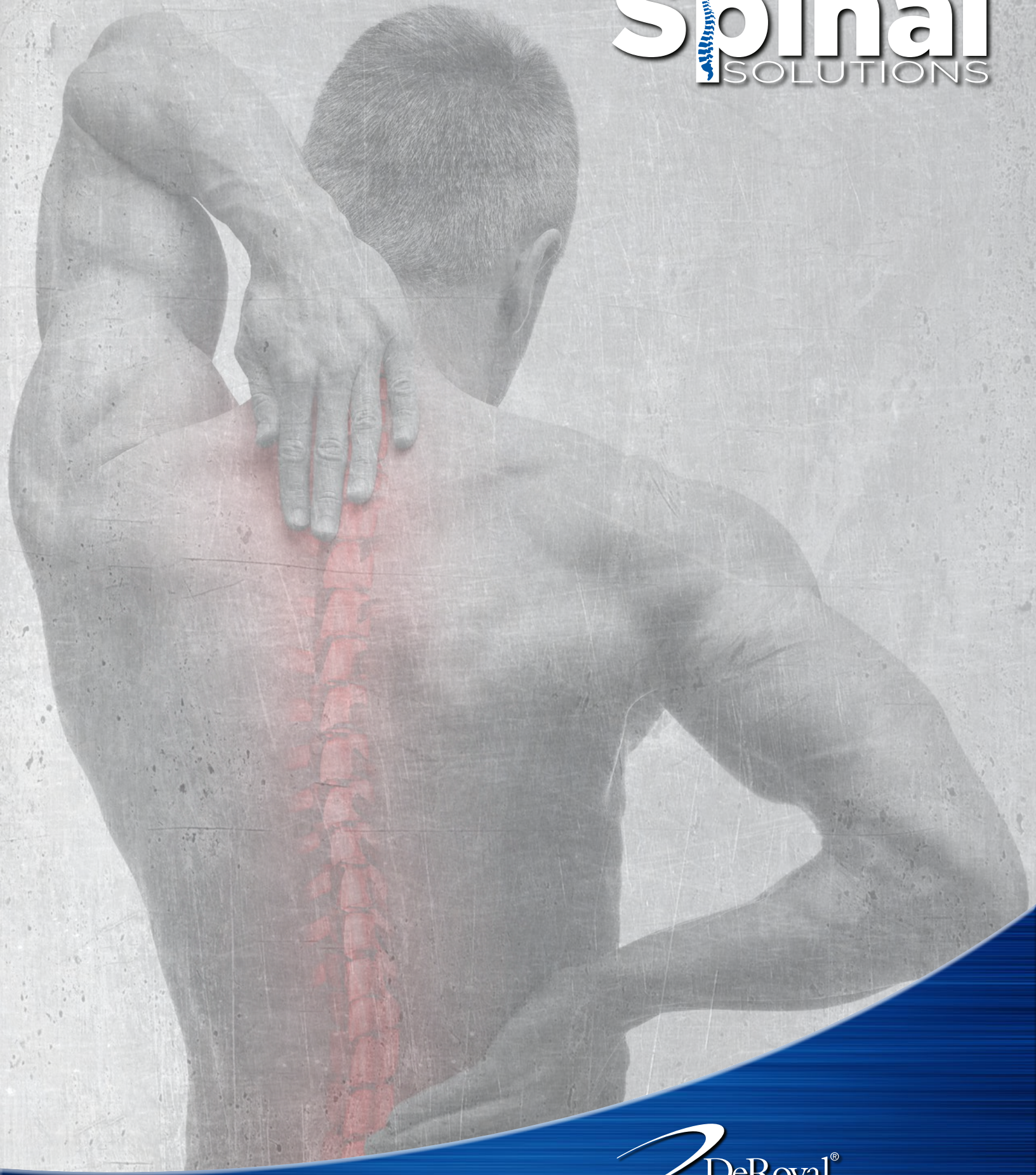


# Spinal SOLUTIONS



[deroyal.com](http://deroyal.com)

 DeRoyal®

Improving Care. Improving Business.®





## 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
- Anterior and posterior flex tabs for individual comfort
- Non-toxic, open-cell liner helps prevent skin breakdown
- Five adult and five child sizes to ensure best patient fit
- Replacement softgoods available upon request
- Not made with natural rubber latex

**Indications:** Cervical sprains and strains; cervical spinal stenosis; cervical disc displacement; cervical arthritis; whiplash injury; cervical spondylosis and spondylolisthesis; degenerative disc disease; cervicgia



## Capital™ Cervical Collar

### *Sustained Comfort*

- Designed to help restrict flexion, extension, lateral bending and axial rotation
- Reinforced sternal padding for optimal comfort
- Shoulder and mandible contours for increased stability
- Sheer finished open-cell liner is specifically designed to help prevent skin breakdown and provide sustained comfort during long-term use
- Not made with natural rubber latex

**Indications:** Cervical sprains and strains; cervical spinal stenosis; cervical disc displacement; cervical arthritis; whiplash injury; cervical spondylosis and spondylolisthesis; degenerative disc disease; cervicalgia



## Capital™ Collar Enhanced

### *Powered by the Boa® Fit System*

- Patented design featuring a micro-adjustable dial powered by the Boa® Fit System that allows collar height modification in order to fit most patients
- Includes compliance ring to promote patient compliance
- Reinforced sternal padding for optimal comfort
- Designed to help restrict flexion, extension, lateral bending and axial rotation
- Shoulder, mandible and occipital contours for increased stability
- Sheer finished open-cell liner is specifically designed to help prevent skin breakdown and provide sustained comfort during long-term use
- Not made with natural rubber latex

**Indications:** Cervical sprains and strains; cervical spinal stenosis; cervical disc displacement; cervical arthritis; whiplash injury; cervical spondylosis and spondylolisthesis; degenerative disc disease; cervicalgia



## 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, rotational support and control for the upper thoracic and cervical spine
- Latex-safe, non-toxic open-cell liner to help 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 versions 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



## Solace® Low Profile Back Brace

*Maximizing Quality & Comfort*

- Soft, breathable material provides cool, comfortable fit increasing patient compliance
- Adjustable pulley style closure system is easy to secure and provides maximum compression
- Anterior and posterior plastic inserts provide control and support
- Low profile, lightweight design
- Plastic D-rings for ease of application and removal

**Indications:** Chronic low back pain; lumbar muscle weakness; lumbar sprains and strains; mechanical or discogenic lumbar pain





## PROlign® Lumbar Orthosis

*Providing Low Back Pain Relief*

- Constructed of hook receivable material with soft, breathable liner that wicks away moisture to help prevent skin breakdown
- Patented dual dynamic closure system provides instant full range adjustment and maximum compression
- Rigid anterior insert provides support to intra-abdominal and viscera region helping to unload the spine under gravitational load
- Available in 15° and 25° posterior plastic inserts
- Plastic D-rings for ease of application and removal

**Indications:** Post-operative lumbar immobilization; chronic low back pain; lumbar muscle weakness; lumbar strains and sprains; mechanical or discogenic disc disease; postural support; degenerative disc disease; IDET procedure; spinal blocks



## PROlign® EXT Lumbar Orthosis

*Powered by the Boa® Fit System*

- Powered by the Boa® Fit System for a powerful and secure closure that is easy for the patient to tighten with the turn of a dial
- Dial allows micro-adjustability and on-the-fly adjustment
- Soft, breathable material provides a cool, comfortable fit
- Patented dual closure for adjustability
- Rigid anterior insert provides support to the intra-abdominal and viscera region helping to unload the spine under gravitational load
- Available in 15° and 25° posterior plastic inserts
- PROlign® EXT features extended posterior panel for coverage from sacrococcygeal junction to the T9 vertebrae

**Indications:** Post-operative lumbar immobilization; chronic low back pain; lumbar muscle weakness; lumbar strains and sprains; mechanical or discogenic disc disease; postural support; degenerative disc disease; IDET procedure; spinal blocks

## Warrior® Spine Universal Back Brace

*Powered by the Boa® Fit System*

- Universal size (24" to 60" waist)
- Offered in 3 heights to meet patient's needs
- Patent pending, single pull bi-lateral sizing adjustment
- Powered by the Boa® Fit System for a powerful and secure closure that is easy for the patient to tighten with the turn of a dial
- Enlarged Boa® dials allow micro-adjustability and on-the-fly compression and adjustment with fewer turns
- Integrated anterior panels and closure hand strap for easy donning and doffing
- Soft, breathable material to provide a cool, comfortable fit
- Rounded anterior closure to accommodate varying patient anatomies (inferior and superior angulation)
- Hot/cold temperature therapy packs included with each device

### Indications:

- 642:** Post-operative lumbar immobilization; Degenerative disc disease; Spondylolisthesis; Spondylolysis; Spinal stenosis; Postural support; Degenerative disc disease; Spinal blocks
- 648:** Post-operative lumbar immobilization; Degenerative disc disease; Spondylolisthesis; Spondylolysis; Spinal stenosis; Lumbar strains and sprains; Mechanical or discogenic disc disease; Postural support; Degenerative disc disease
- 650:** Post-operative lumbar fusion; Laminectomy or discectomy; Lumbar compression fractures; Degenerative disc disease; Osteoporosis; Single column instability immobilization; Lumbar strains and sprains; Mechanical or discogenic disc disease; Postural support; Degenerative disc disease; Spinal blocks



Warrior® Spine 648



Warrior® Spine 642



Warrior® Spine 650





Powered by the  
Boa® Fit System



DeRoyal's patented  
dynamic closure  
system

## ULTRAlign®+ LSO & TLSO

Lumbar Sacral Orthosis (LSO) | Thoracic Lumbar Sacral Orthosis (TLSO)

- Two closure systems available: the Boa® Fit System or DeRoyal's patented dynamic closure system
- Powered by the Boa® Fit System for a powerful and secure closure that is easy for the patient to tighten with the turn of a dial
- Dial allows for micro-adjustability and on-the-fly adjustment
- Constructed of hook receivable material with soft, breathable liner that provides a cooler, lighter fit
- Patented dual closure for infinite adjustability
- Combines anterior, posterior, and lateral plastic inserts for rigid support
- Available in 15° lordosis
- Non-tapered (male) and tapered (female) versions available for best patient fit
- LSO meets requirements for most L1 to L5 pathologies
- TLSO meets requirements for most L5 to T9 pathologies

**Indications:** Post-operative lumbar fusion; Laminectomy or discectomy; Lumbar compression fractures; Degenerative disc disease; Osteoporosis; Spondylolisthesis; Spondylolysis; Spinal stenosis; Facet syndrome



LSO Back



SPK Front



SPK Back



TLSO Back



DLE Front



DLE Back

## XTW Extended Wear Collar



HCPSC Code: L0172

Size	Collar	Collar & Pad Set	Pad Set Only
Adult X-Short	11201000	11202000	11203000
Adult Short	11211000	11212000	11213000
Adult Regular	11221000	11222000	11223000
Adult Tall	11231000	11232000	11233000
Adult X-Tall	11241000	11242000	11243000
Infant Short	11251000	11252000	11253000
Infant Regular	11261000	11262000	11263000
Child Tot	11271000	11272000	11273000
Child Short	11281000	11282000	11283000
Child Regular	11291000	11292000	11293000

## Capital™ Cervical Collar



HCPSC Code: L0174

Size	Collar	Collar & Pad Set	Pad Set Only
Adult Super Short	11421000	11422000	11423000
Adult Stout	11431000	11432000	11433000
Adult X-Small	11441000	11442000	11443000
Adult Short	11451000	11452000	11423000
Adult Regular	11461000	11462000	11423000
Adult Large	11471000	11472000	11423000
Infant 0 - 6 Months	11481000	11482000	11483000
Infant 6 Months - 2 Years	11481001	11482001	11483001
Child 2 - 6 Years	11481002	11482002	11483002
Child 6 - 12 Years	11481003	11482003	11483003

## Capital™ Collar Enhanced

Powered by the Boa® Fit System



HCPSC Code: L0174

Size	Collar	Collar & Pad Set	Pad Set Only
Universal	11311000	11312000	11313000



## CTO-Cervical Thoracic Orthosis

Size	Product #
Adult Short	11216000
Adult Regular	11226000
Adult Tall	11236000
Adult X-Tall	11246000
Pediatric	11256000



HCPCS Code: L0200

## 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



HCPCS Code: L0642

## PROlign® Lumbar Orthosis

Size	Waist Circumference	15°	25°
X-Small	25" - 30"	13501004	13500004
Small	30" - 34"	13501005	13500005
Medium	35" - 40"	13501006	13500006
Large	40" - 46"	13501007	13500007
X-Large	45" - 50"	13501008	13500008
XX-Large	50" - 55"	13501009	13500009



HCPCS Code:  
L0627 or L0642

## PROlign® EXT Lumbar Orthosis

Powered by the Boa® Fit System

Size	Waist Circumference	15°	25°	15° PROlign
X-Small	25" - 30"	158-01	157-01	13502004
Small	30" - 35"	158-02	157-02	13502005
Medium	35" - 40"	158-03	157-03	13502006
Large	40" - 45"	158-04	157-04	13502007
X-Large	45" - 50"	158-05	157-05	13502008
XX-Large	50" - 55"	158-06	157-06	13502009



HCPCS Code:  
L0631 or L0648

## Sizing Guide

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



**HCPCS Code:**  
ULTRAlign®+ LSO  
Lumbar Sacral Orthosis  
L0637 or L0650

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

## ULTRAlign® Lumbar Sacral Orthosis (LSO)

Non-Tapered			
Size	0°	15°	25°
Small	UPL1330-0	UPL1330-15	UPL1330-25
Medium	UPL1430-0	UPL1430-15	UPL1430-25
Large	UPL1530-0	UPL1530-15	UPL1530-25
X-Large	UPL1630-0	UPL1630-15	UPL1630-25
XX-Large	UPL1730-0	UPL1730-15	UPL1730-25

Tapered			
Sized	0°	15°	25°
Small	UPL2330-0	UPL2330-15	UPL2330-25
Medium	UPL2430-0	UPL2430-15	UPL2430-25
Large	UPL2530-0	UPL2530-15	UPL2530-25
X-Large	UPL2630-0	UPL2630-15	UPL2630-25
XX-Large	UPL2730-0	UPL2730-15	UPL2730-25

Low & Mid Profile Tapered			
Sized	Low-Profile 15°	Low-Profile 25°	Mid-Profile 15°
Small	UPLP2330-15	UPLP2330-25	UPMP1330-15
Medium	UPLP2430-15	UPLP2430-25	UPMP1430-15
Large	UPLP2530-15	UPLP2530-25	UPMP1530-15
X-Large	UPLP2630-15	UPLP2630-25	UPMP1630-15
XX-Large	UPLP2730-15	UPLP2730-25	UPMP1730-15

with the Boa® Fit System			
Size	Tapered 15°	Non-Tapered 15°	Low-Profile Tapered 15°
Small	UPL4330-15	UPL3330-15	UPLP4330-15
Medium	UPL4430-15	UPL3430-15	UPLP4430-15
Large	UPL4530-15	UPL3530-15	UPLP4530-15
X-Large	UPL4630-15	UPL3630-15	UPLP4630-15
XX-Large	UPL4730-15	UPL3730-15	UPLP4730-15



## ULTRAlign®+ Thoracic Lumbar Sacral Orthosis (TLSO)

Non-Tapered		
Size	15°	25°
Small	UPT1333-15	UPT1333-25
Medium	UPT1433-15	UPT1433-25
Large	UPT1533-15	UPT1533-25
X-Large	UPT1633-15	UPT1633-25
XX-Large	UPT1733-15	UPT1733-25

Tapered		
Size	15°	25°
Small	UPT2333-15	UPT2333-25
Medium	UPT2433-15	UPT2433-25
Large	UPT2533-15	UPT2533-25
X-Large	UPT2633-15	UPT2633-25
XX-Large	UPT2733-15	UPT2733-25

Low-Profile Tapered		
Size	Low-Profile 15°	Low-Profile 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

with the Boa® Fit System		
Size	Tapered 15°	Non-Tapered 15°
Small	UPT4333-15	UPT3333-15
Medium	UPT4433-15	UPT3433-15
Large	UPT4533-15	UPT3533-15
X-Large	UPT4633-15	UPT3633-15
XX-Large	UPT4733-15	UPT3733-15

**HCPCS Code:**  
ULTRAlign®+ TLSO  
Thoracic Lumbar Sacral Orthosis  
L0637 or L0650

Accessories	
Description	Product #
Dorsal Lumbar Extension	UDLE
Sternal Pad Kit	USPK
Sternal Pad Kit - Short	USPK-S
3½" Extension Panels	UEP2031
5½" Extension Panels	UEP2051



## Warrior® Spine Universal Back Brace

Powered by The Boa® System

Size	Description	Belt Adjustment Length	Product #
Universal	Warrior® Spine 642	24" to 60"	159-01
Universal	Warrior® Spine 648	24" to 60"	159-02
Universal	Warrior® Spine 650	24" to 60"	159-03

### Warrior® Spine 642

HCPCS Code: L0642

### Warrior® Spine 648

HCPCS Code: L0648

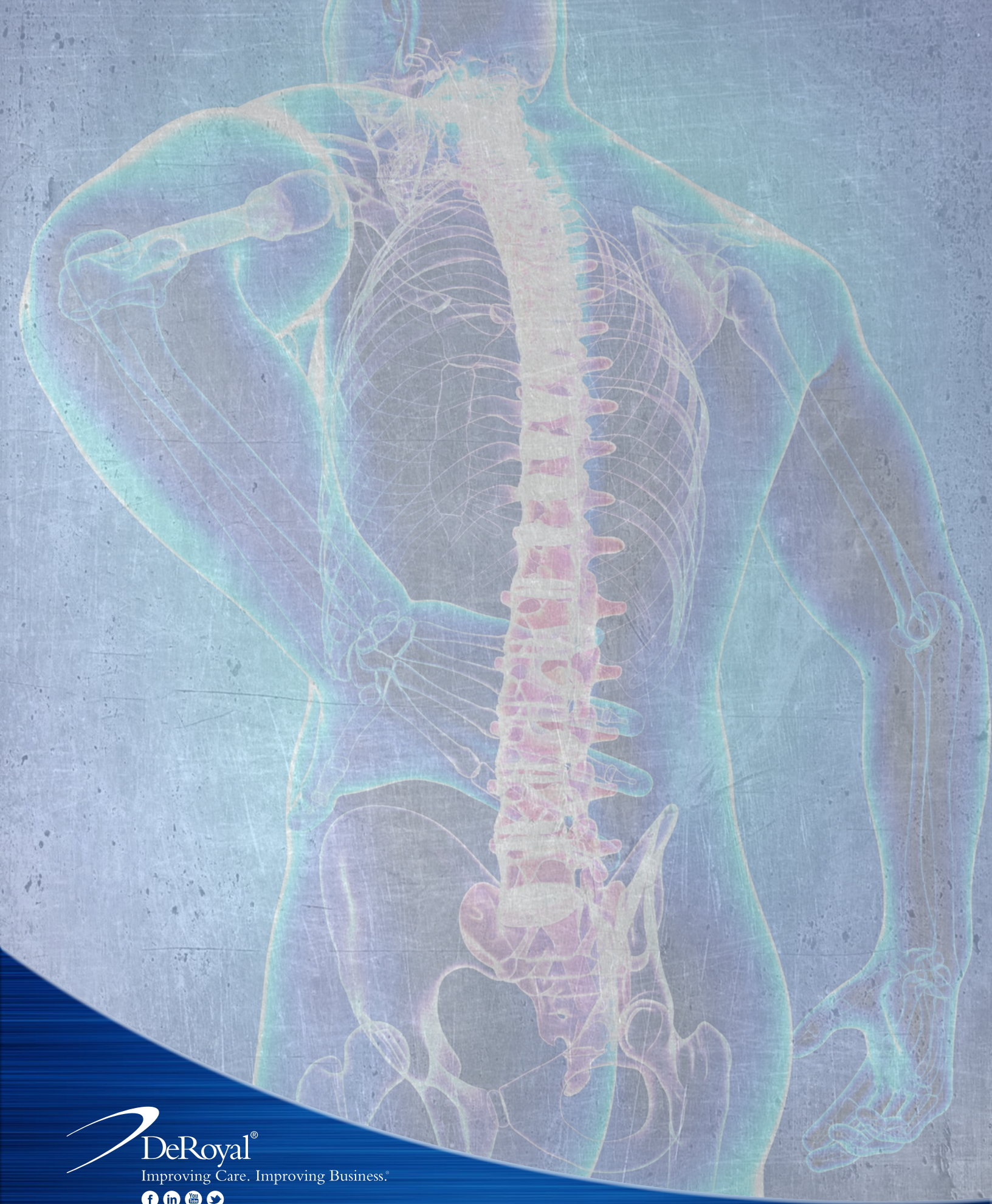
### Warrior® Spine 650

HCPCS Code: L0650

#### HCPCS Disclaimer:

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