

# DeRoyal® ULTRAlign® + Spinal Orthoses

Powered by The Boa® Closure System



ULTRAlign® Spinal Orthoses are the dependable choice for most L5 - T6 pathologies.

- + MICRO-ADJUSTABILITY
- + POWERFUL CLOSURE
- + ON-THE-FLY ADJUSTMENT



Boa® Technology  
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Improving Care. Improving Business.

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## FEATURES & BENEFITS

- Powered by The Boa® Closure System for a powerful and secure closure that is easy for the patient to tighten with the turn of a dial
- Constructed of hook receivable material with soft, breathable liner that provides a cooler, lighter fit
- Dial allows for micro-adjustability and on-the-fly adjustment
- 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

**INDICATIONS: LSO/TLSO:** Post-operative lumbar fusion; Laminectomy or discectomy; Lumbar compression fractures; Degenerative disc disease; Osteoporosis; Spondylolisthesis; Spondylolysis; Spinal stenosis; Facet syndrome **TLSO:** Post-operative thoracic/lumbar fusion; Single column instability immobilization

## PRODUCT INFORMATION

| SIZE     | ULTRALIGN® + LSO   |                | ULTRALIGN® + TLSO  |                | ULTRALIGN® + LSO<br>LOW-PROFILE |
|----------|--------------------|----------------|--------------------|----------------|---------------------------------|
|          | 15°<br>NON-TAPERED | 15°<br>TAPERED | 15°<br>NON-TAPERED | 15°<br>TAPERED | 15°<br>TAPERED                  |
| Small    | UPL3330-15         | UPL4330-15     | UPT3333-15         | UPT4333-15     | UPLP4330-15                     |
| Medium   | UPL3430-15         | UPL4430-15     | UPT3433-15         | UPT4433-15     | UPLP4430-15                     |
| Large    | UPL3530-15         | UPL4530-15     | UPT3533-15         | UPT4533-15     | UPLP4530-15                     |
| X-Large  | UPL3630-15         | UPL4630-15     | UPT3633-15         | UPT4633-15     | UPLP4630-15                     |
| XX-Large | UPL3730-15         | UPL4730-15     | UPT3733-15         | UPT4733-15     | UPLP4730-15                     |

### SIZING GUIDE

Sizing determined by three circumferential measurements:  
 1. 1" below tip of breast bone or xyphoid process  
 2. Around navel or waist  
 3. Around fullest area of trochanter or hips

| 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"  |

### Possible ULTRAlign® + Diagnoses

| ICD-9  | DIAGNOSIS  |
|--------|--|
| 722.10 | Displacement of Lumbar Intervertebral Disc w/o Myelopathy                      |
| 722.73 | Intervertebral Disc Disorder w/Myelopathy - lumbar region                      |
| 724.02 | Spinal Stenosis, lumbar region   |
| 739.3  | Nonalopathic Lesions (segmental or somatic) Dysfunction - lumbar region        |
| 805.4  | Fracture of vertebral column w/o mention of spinal cord injury - lumbar closed |
| 733.13 | Pathological fracture of the vertebrae   |
| 733.10 | Pathological fracture; unspecified site  |
| 722.90 | Intervertebral Disc Disorder; unspecified region                               |
| 724.6  | Disorders of sacrum; instability of lumbosacral or sacroiliac joint            |
| 722.52 | Degeneration of intervertebral disc; lumbar region                             |
| 721.3  | Lumbosacral Spondylosis w/o Myelopathy   |
| 721.7  | Traumatic Spondylopathy  |

ULTRALIGN® + LSO/TLSO FRONT



LOW-PROFILE



ULTRALIGN® + TLSO BACK



Scan code for product application video or visit [www.deroyal.com/videos/ultralignboa](http://www.deroyal.com/videos/ultralignboa)



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The superior function of DeRoyal® bracing combined with the latest innovation from Boa®

A NEW STANDARD OF EXCELLENCE IN spinal bracing.