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BASED ON A CLINICAL EVALUATION,

PROlign® WAS PROVEN TO BE

HIGHLY EFFECTIVE IN LIMITING

END RANGE OF MOTION, WHERE

MECHANISMS OF INJURY TO THE

SPINE TYPICALLY OCCUR.

Lumbar flexion at the L5/S1 junction, where a high percentage of spinal pathologies are seen, was significantly reduced as a result of **PROlign®** wear.

* Evaluation of Efficacy and Biomechanical Characteristics of Two Spinal Orthoses Manufactured by DeRoyal, University of Tennessee

PROlign® Indications

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

PATIENT COMFORT

Increased patient comfort and compliance by improving abdominal compression through the use of an anterior plastic insert. Brace also provides improved posture by allowing a more balanced load distribution throughout the lumbar spine and pelvic region.

Unload Lumbar Region

Designed to take the load sharing off muscles and provide compression or cushioning of paravertebral soft tissues to allow affected area to heal/rest, thus reducing low back pain.

PLASTIC D-RING

Plastic D-rings for ease of application and removal.

DUAL VEL-STRETCH™ CLOSURES

Dual, dynamic Vel-stretch™ closure attachments provide instant full range adjustments and maximum compression. Effortless application with instant full range adjustment from side Velcro® closures and dual dynamic Vel-stretch® pull straps allow for a biomechanically sound mechanism of action when donning/doffing product.

ANTERIOR PANEL

Rigid anterior insert provides support to the intra-abdominal and viscera region, thus further helping to unload the spine under gravitational load.

POSTERIOR PLASTIC INSERT

Posterior plastic insert (spot moldable) helps to maintain neutral sagittal alignment while maximizing support of anatomical structures. Available in 15° and 25° lordosis.

Increased Proprioception

Increased proprioception by helping to decrease motion in painful positions.

PROlign® Sizing Information

Determined by measuring waist circumference

SIZE	WAIST	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





Diverse. Dynamic.



DeRoyal[®]

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