

## The DDS 500 Lumbar Spinal-Air Decompression LSO Brace

As the DDS 500 expands vertically (during inflation) and seats down onto the pelvic girdle as its foundation while anchoring up underneath the ribcage lifting upwards. This action stretches the torso vertically, decreasing axial loading, increasing the intervertebral disc space, and unloading the weight bearing forces within the lumbar spine, significantly reducing or eliminating the resulting pain.

Another unique feature that sets the DDS 500 apart is the detachable anterior and posterior rigid panels. A perfect solution for patients who are pre- and post-surgery or for those who do require additional spinal stabilization, DDS 500 patients no longer have to tolerate the discomforts of a rigid body jacket, while requiring the support of one.

As the patient progresses in active-rehabilitation, the DDS 500 will transition along with their progress by simply eliminating the detachable rigid panels either one at a time or all together to easily convert to a semi-rigid or soft LSO (Lumbar Sacral Orthosis) for greater flexibility.

The DDS 500 can be discreetly worn under clothing, allowing patients the freedom to return to their active lifestyles.



### DDS 500 Indications

- Herniated / Bulging discs
- Degenerative disc disease
- Lumbar & cervical acute / chronic sprain
- Spondylolysis and spondylolisthesis
- Compression fracture
- Failed surgery syndrome
- Spinal stenosis
- Sciatica
- Lumbago
- Muscle spasm and guarding

Brace Size	Torso Measurement	Panel Size
Small	26-28	Small
Medium	29-32	Medium
Large	33-35	Medium
X-Large	36-38	Medium
2XL	39-41	Large
3XL	42-44	Large
4XL	45-48	XL
5XL	48-51	XL

### Features of the DDS 500

- Treatment For: Bulging Disc, Herniated Discs, Degenerative Disc Disease, Spinal Stenosis, Sciatic, Spondylolysis, and Lumbar Acute / Chronic Sprain
- Decreases Axial Loading
- Increases Disc Height
- Relaxes Muscle Spasms And Muscle Cramps
- Advanced Tubeless Air Cell Design For Narrow Fit
- For Strenuous Jobs Requiring Heavy Lifting or Long Hours of Driving
- Helps Maintain Proper Posture (Improper Posture Places The Upper Body Weight On The Discs That Causes Back Pain)
- Waterproof, Moisture Resistant Material For Machine Washing

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