

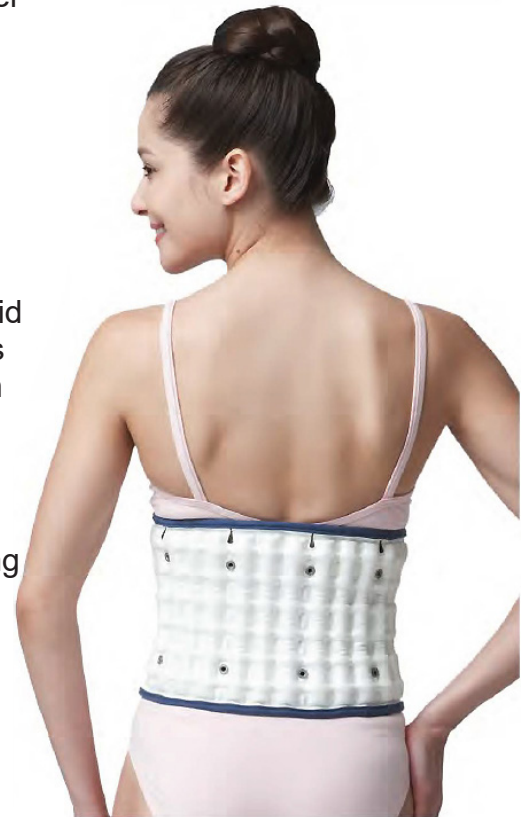
## Lumbar Spinal-Air Decompression Brace

Disc Disease Solutions introduces the newest addition to the DDS family of orthotic bracing, the **DDS Double Lumbar Spinal-Air Decompression Brace**. Same great DDS quality combined with a new innovative design offering patients continuous therapeutic relief on the go.

The function of the DDS Double is that alike its counterpart the DDS 500, applying spinal decompression within the lumbar region through Vertical Air Pressure Technology (VAP™). As the DDS Double is being inflated it expands from approx 51/4" to just over 8", seating down onto the pelvic as its foundation while anchoring up underneath the ribcage pushing upwards, stretching the torso vertically, diverting the weight bearing forces away and reducing the pressure within the lumbar spine region, significantly reducing pain levels.

Another unique feature that sets the DDS Double apart from most all other lumbar supports is our detachable anterior and posterior rigid panels. Ideal for patients who cannot tolerate the discomforts of a rigid body jacket, yet require the support of one. As the patient progresses in their active-rehabilitation, the DDS Double will transition along with their progress by simply removing 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.

Spinal decompression reveals promising results for the future, offering effective management of patients with all types of disc disease and spinal injuries. With over 2 million patients and physicians currently using our technology, Disc Disease Solutions, Inc.® is honored to have the opportunity to assist those who are in need of "Improving Quality Of Life".



### Features of our DDS Double

- Treatment for Bulging Disc • Herniated Discs • Degenerative Disc Disease • Spinal Stenosis • Sciatica • Spondylolysis • Lumbar Acute / Chronic Sprain
- Offering a Greater Degree of Lateral Support
- Amazing Support for Taller Patients
- 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 Proof Resistant Material for Machine Washing

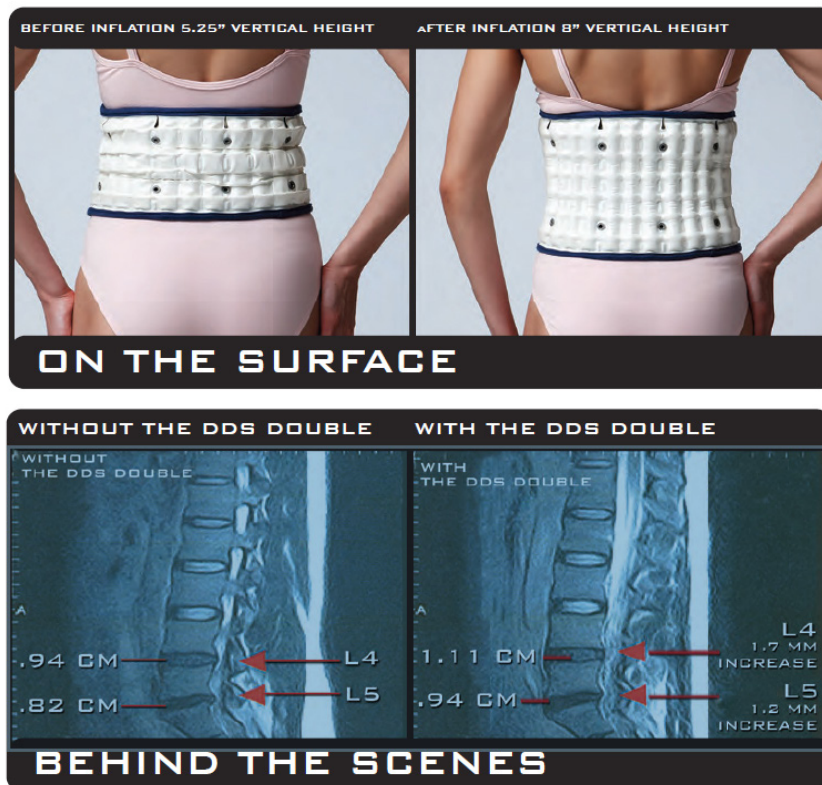


## Advantages

- Pain Relief for Herniated and Bulging Discs, Muscle Spasms, Spondylosis Sciatica, and Spinal Stenosis.
- Facilitate the Remolding and Healing of Disc
- Maximize Prevention of Re-Herniation
- Minimize Pain / REDUCE Pain Medication
- Minimize Patient's Complaints / Improve Quality of Life
- Effective For Pre-Surgical Discomfort

## Treatable Symptoms

- Herniated Disc • Bulging Disc • Sciatica
- Lumbar Acute / Chronic Sprain • Spinal Stenosis
- Spondylosis • Lumbar Facet Syndrome
- Degenerative Disc Disease • Spondylolisthesis
- Post Operative Lumbar Fusion
- Compression Fracture in the Lumbar Region
- Failed Surgery Syndrome
- Low Back Pain of Physical Origin
- Congenital Weakness in Waist
- Low Back Pain Caused by Obesity



## Before Treatment

In lumbar disc bulge or herniation, the intervertebral disc suffers from the effects of axial loading caused by gravity. This results in the bulged or herniated disc compressing against nerve tissue, which causes back pain, sciatica and muscle spasm.

## After Treatment

The DDS Double Lumbar Spinal-Air Decompression LSO Brace assists in returning the disc and nucleus pulposus toward their normal physiologic state by decreasing axial loading, thereby reducing intradiscal pressure, through the expandable vertical air cells within the device.