FEATURES OF DDS PRODUCTS

- Pain relief for patients with herniated and bulging discs, muscle spasms, sciatica, spondylolysis and spinal stenosis
- Facilitate remolding and healing by reducing load off the spine
- Prevents re-herniation
- Lessens the amount of pain for patients and can reduce pain medication
- Helpful for pre-surgical pain problems
- Relaxed muscle spasms, muscle cramps and strain
- Reduces low back pain caused by weight or strenuous jobs requiring heavy lifting or long hours of driving
- Helps maintain proper posture
- Very lightweight and comfortable allowing a full range of motions
- Can be worn discreetly under clothing
- Can ease job related neck/back pain

VAP™ Vertical Air Pressure Technology Technology

VAP™ Technology delivers high vertical air pressure to create traction in the affected area and to protect the vertebrae against gravity.

Our uniquely designed air cells evenly distribute air pressure effectively increasing the invertebral disc space.

PRINCIPLE OF OPERATION

- **BEFORE TREATMENT**
  The herniated or bulging intervertebral disc or herniated nucleus pulposus applies pressures on the nerve root, causing pain.
- **AFTER TREATMENT**
  DDS helps resume the appropriate position of the intervertebral disc, or nucleus pulposus, by increasing the intervertebral space, thereby, reducing the pressure between the lumbar/cervical spine.

DDS 500 & DDS DOUBLE SIZING CHART

SIZE	TORSO MEASUREMENT	PANEL SIZE
S	26~28 inch	S
M	29~32 inch	M
L	33~35 inch	M
XL	36~38 inch	M
2XL	39~41 inch	L
3XL	42~44 inch	L
4XL	45~48 inch	XL
5XL	49~51 inch	XL
6XL	52~55 inch	2XL
7XL	56~59 inch	2XL

*Measurement around the navel
*Extension piece available for larger sizes

DDS Cervitrac SIZING CHART

SIZE	CIRCUMFERENCE
S	11.5~14.5 inch
L	14.6~17.5 inch

MORE FEATURES

- ISO 9001: 2000(International Quality Management System)
- ISO 13485 (International Quality System Medical Devices)
- EN 46002(European Quality System Medical Devices)
- CE Mark
- FDA ER No. 9611754 and Device Listing No. B 115761 in USA
- Notification No. BE/CA01/2-03702-000011 Belgium
- Notification No. Be/CA01/2-03702-00002 Belgium
- Clinical consultation:
  Department of Orthopedic Surgery, Inje University, Seoul Paik Hospital, Korea
- Korean Patent No. : 142202
- Japanese Patent No.: 2911437
- US Patent: 3 Approved US Patents
- International application No.:PCT/KR00/00368

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NEW TECHNOLOGY
DISC DISEASE SOLUTIONS

Spinal-Air Decompression Belt & Collar

Disc Disease Solutions introduces a revolutionary approach in the treatment of lower back and neck pain due to spinal diseases and injuries.

Our unique and patented Vertical Air Pressure Technology sets our products apart from all other ambulatory supports.

www.DDSMed.com

"Love your life without lower back, neck and radiating pain!"

Disc Disease Solutions provides a scientific, precise and very easy approach to lower back and neck pain.
The process is simple: Our unique and patented Vertical Air Pressure Technology creates traction as the brace is inflated. This action increases the intervertebral disc space, decreases axial loading, and the pressure applied on the nerve root is relieved. Pain is reduced while assisting active rehabilitation.

THE MOST VERSATILE BRACES OF ITS KIND!

PDAC Approved for L0648

DDS 500

Figure 1
(X-ray before the application)
The interval between lumbar vertebrae: 8mm

Figure 2
(X-ray after the application)
The interval between lumbar vertebrae: 11mm (increased by 3mm)

PDAC Approved for L0650

DDS DOUBLE

The **DDS DOUBLE** is the ideal solution for taller patients! Additional lateral support is provided by rigid panels.

DDS LUMBAR TRACTION BELTS

The **DDS 500** and **DDS DOUBLE** Spinal-Air Decompression Braces function to provide therapeutic relief when inflated with air by anchoring up underneath the rib cage pushing upwards and down against the pelvic girdle pushing downwards. This action stretches the torso vertically diverting the weight-bearing forces away and reducing pressure within the lumbar spine region.

Our LSO Decompression Braces are the ideal solution for patients who cannot tolerate the discomforts of a rigid body jacket yet require similar support. It is especially valuable for pre and post surgery; as the patient progresses and requires less support, the detachable rigid panels can be removed to create a semi-rigid support, easily converting in to a soft LSO and providing greater flexibility.

Our Belts can be discreetly worn under clothing allowing you to perform daily activities and enabling those with an active lifestyle to enjoy leisure activities pain-free.

PDAC Approved for E0849

DDS Cervitrac™

CERVICAL TRACTION COLLAR

The **DDS Cervitrac** is the most comprehensive Cervical Traction Device. It's the first device designed to offer the option of pneumatic traction while in the supine position or upright for the freedom of mobile treatment.
The soft traction collar can detach from the Cervitrac frame to provide unrestricted mobility.

TYPICAL INDICATIONS

DDS 500, DDS DOUBLE and/or DDS Cervitrac™	DDS Cervitrac™
• Herniated / Bulging discs	• Herniated / bulging discs
• Lumbar acute / chronic sprain	• Radiculopathies
• Spondylolysis and spondylolisthesis	• Degenerative disc disease
• Compression fracture	• Cervical headache
• Failed surgery syndrome	• Whiplash injuries
• Degenerative disc disease	• Joint fixation
• Spinal stenosis	
• Sciatica	
• Lumbago	
• Muscle spasm and guarding	