

*To Your Health*  
February, 2007 (Vol. 01, Issue 02)

# Spinal Decompression

**The New Way to Treat Herniated Discs Without Surgery**

*By Dr. James D. Edwards*



If you're suffering from a herniated disc and chiropractic adjustments/therapy have not yielded sufficient benefit, you should ask your doctor if you might be a candidate for spinal decompression therapy.

What is spinal decompression therapy?

It's a nonsurgical, traction-based treatment for herniated or bulging discs in the neck and low back. Anyone who has back, neck, arm or leg pain caused by a degenerated or damaged disc may be helped by spinal decompression therapy. Specific conditions that may be helped by this therapeutic procedure include herniated or bulging discs, spinal stenosis, sciatica, facet syndrome, spondylosis or even failed spinal surgery.

Many patients, some with magnetic resonance imaging (MRI)-documented disc herniations, have achieved "good" to "excellent" results after spinal decompression therapy.



The computerized traction head on the decompression table or machine is the key to the therapy's effectiveness. The preprogrammed patterns for ramping up and down the amount of axial distraction eliminate muscle guarding and permit decompression to occur at the disc level. This creates a negative pressure within the disc, allowing the protruded or herniated portion to be pulled back within the normal confines of the disc, which permits healing to occur.

Your specific treatment plan will be determined by the doctor after your examination. Based on research and my clinical experience, the best results are achieved with 20 sessions over a six-week period. To reduce inflammation and assist the healing process, supporting structures sometimes are treated with passive therapies (ice/heat/muscle stimulation), chiropractic adjustments (when indicated) and/or active rehabilitation in order to strengthen the spinal musculature.

There are many spinal decompression systems in use today, most of which work equally well. The cost for 20 sessions can range from \$1,000 to \$5,000 or more. While this may seem like a lot, it is very reasonable, considering the cost and potential adverse outcomes associated with spine surgery.

Spinal decompression therapy has saved many people from spinal surgery. If you are suffering from a degenerated or herniated disc, I encourage you to explore safe and effective spinal decompression therapy before risking surgery. The rationale for treating a herniated disc without resorting to surgery has research support on its side: According to a recent study in the *Journal of the American Medical Association*, surgery is no more effective than non-invasive treatments, including chiropractic care, for patients with lumbar disc herniation causing sciatica.

Ask your doctor for more information about spinal decompression and if you might be a candidate. If your doctor does not yet offer spinal decompression therapy, they can help refer you to someone who does.

---

### **What Does It Mean?**

Not familiar with some of the terminology in this article? Don't worry: Here's a brief explanation of what these terms mean in relation to your spine.

**Anulus Fibrosus:** The tough outer ring of a vertebral disc; it encases the *nucleus pulposus* (see description below) within the disc.

**Facet Syndrome:** An irritation of one or more of the joints on the back of the spinal vertebrae, which comprise the spinal column.

**Herniated Disc:** Displacement of the center of a vertebral disc through a crack in the outer layer. Disc herniation can put pressure on spinal nerves and cause pain.

**Muscle Guarding:** Muscle spasming, often in response to a painful stimulus.

**Nucleus Pulposus:** A gel-like substance within each intervertebral disc, surrounded by the anulus fibrosus.

**Sciatica:** Pain in the lower back, buttocks, hips, or adjacent anatomical structures, frequently attributable to spinal dysfunction.

**Spinal Stenosis:** Narrowing of the spine at one or more of three locations: in the center of the spine, where nerves branch from the spine, or in the space between vertebrae. This puts pressure on spinal nerves and can cause pain.

**Spondylosis:** Otherwise known as spinal arthritis, spondylosis is a degenerative condition in which spinal discs weaken, particularly with age.

---

**James D. Edwards, DC,** a graduate of Logan College of Chiropractic in St. Louis, Mo, has been in practice for more than 30 years.