

# The Accu-SPINA® & IDD Therapy®

The Ultimate Tools for Treating Back & Neck Pain.



## North American Medical

We Sell Science.™







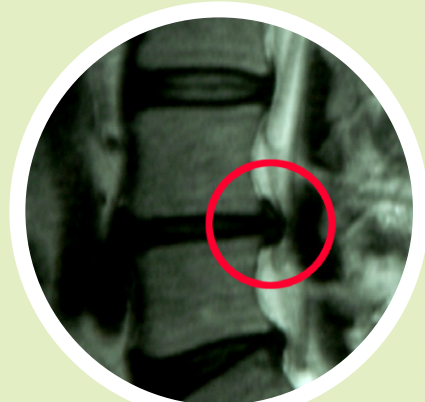
Intervertebral Differential Dynamics therapy is a non-surgical treatment capable of significantly reducing or eliminating the pain and dysfunction of patients diagnosed with:

- **Herniated Disc**
- **Facet Syndrome**
- **Degenerative Disc**
- **General Low Back Pain**
- **Radiculopathy or Sciatica**
- **Cervical Neck Pain**
- **Spinal Stenosis**

### IDD Therapy treatment dramatically reduces back pain by:

- Unloading pressure on vertebral joints and within the disc
- Promoting retraction of bulging disc material
- Aiding mobility and strengthening of spinal structures
- Decreasing muscle guarding and spasming
- Stimulating self-healing of damaged discs

### MRI Scans Before and After IDD Therapy 57-Year-Old Male With Herniated Disc



Before



After

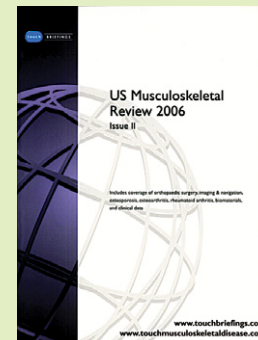
IDD Therapy treatment on the Accu-SPINA® provides a computer-directed, robotic approach to the rehabilitation of spine dysfunction. It is effective yet pleasant to the patient.



In a neurosurgical patient trial of over 500 surgical candidates, 92% of all patients treated with an IDD Therapy regimen were successfully able to achieve dramatic pain relief and forgo surgery\*.

\*McClure, Dennis, and Farris, Bethany. "Intervertebral Differential Dynamics Therapy: A New Direction for the Treatment of Low Back Pain." *US Musculoskeletal Review* 2006, Issue II.

## Clinically Documented

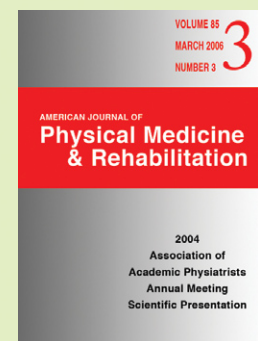


### "Intervertebral Differential Dynamics Therapy: A New Direction for the Treatment of Low Back Pain."

*US Musculoskeletal Review*, Issue II, 2006 and *European Musculoskeletal Review*, September, 2006.

**Authors:** Dennis McClure, M.D., member of AANS & Bethany Farris, M.D.

**Conclusion:** 92% of 129 lumbar surgical candidates successfully avoided surgery with IDD Therapy® treatment.



### "Intervertebral Differential Dynamics (IDD) Therapy vs. Exercise-Based Physical Therapy: Initial Results From a Randomized Controlled Trial."

Published in *American Journal of Physical Medicine and Rehabilitation*, March, 2006.

**Authors:** Michael K. Schaufele, M.D. & Michael Newsome, P.T. Study by Emory University.

**Conclusion:** Patients receiving IDD Therapy® treatment for degenerative disc disease instead of the current standard of care experienced 20.3% greater pain relief than the exercise-based physical therapy group.

### "Long-Term Effect Analysis of IDD Therapy in Low Back Pain; A Retrospective Clinical Pilot Study."

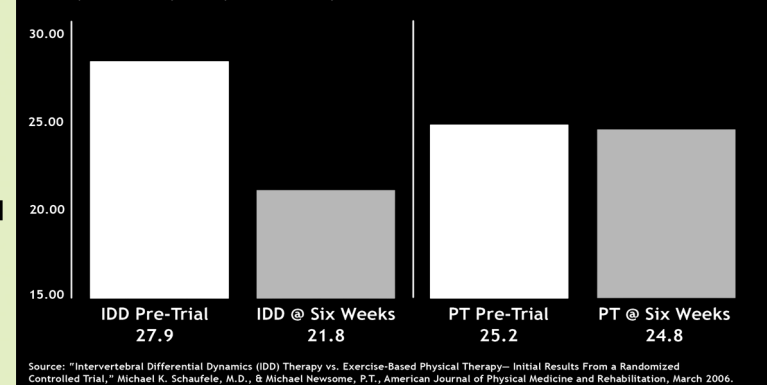
Published in *American Journal of Pain Management*, July, 2005.

**Authors:** C. Norman Shealy, M.D., Ph.D., Nirman Koladia, M.D., & Merrill M. Wesemann, M.D.

**Conclusion:** IDD Therapy® significantly reduces back pain and continues doing so at least one full year after the treatment has ended.

### IDD Therapy® v. Physical Therapy

Emory University Study of Oswestry Scores @ Baseline and Six Weeks



Traction



IDD Therapy

## Advanced Technology, Better Results

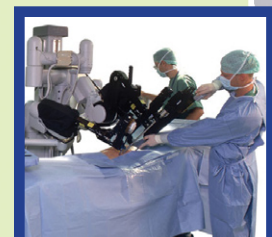
Like many technological advances, **IDD Therapy** is rooted in earlier medical and rehabilitative procedures such as traction. Today, in many areas of medicine, such technological advancement has enabled patient outcomes previously hoped-for but never actually achieved. As with robotic surgery, the treatment objective may be the same as conventional surgery, but the precision of execution and duplicability result in less invasiveness to the patient and dramatically improved healing time.

Traction, while beneficial in theory, was limited by abrupt weight changes, inaccurate variances, and aggressive, linear pulls—all of which can exacerbate or further injure a traumatized patient. Traction invariably causes muscle guarding that leads to proprioceptor firing.

**As opposed to traction, IDD Therapy offers gentle, precise, patient-customized dynamic treatment to specific spinal regions by degrees. Multiple computers**

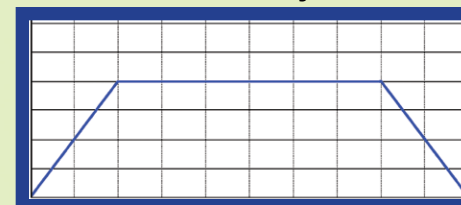


Open Surgery

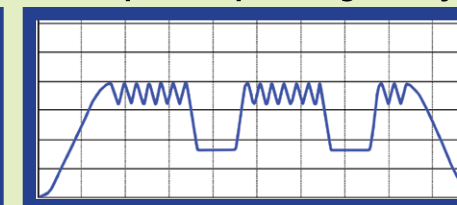


Robotic-Assisted Surgery

**monitor exact force delivery. Ancillary on-board modalities enhance the patient regimen with interferential stimulation, heat, and massage during treatment.**



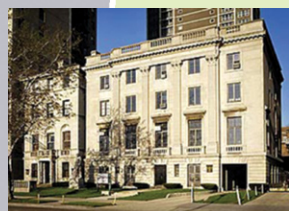
Traction



IDD Therapy with patent-pending oscillation signaling

## Recognized Pioneering Advancement

The Accu-SPINA device is on permanent exhibit at the International Museum of Surgical Science, Chicago, IL, USA. Historically archived along with other innovative medical devices that have impacted the way medicine is practiced today: The iron lung, the artificial heart valve, and now, the Accu-SPINA system.





# The Accu-SPINA® & IDD Therapy®

Learn what thousands of doctors and patients  
worldwide already know.



TESTED & APPROVED



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