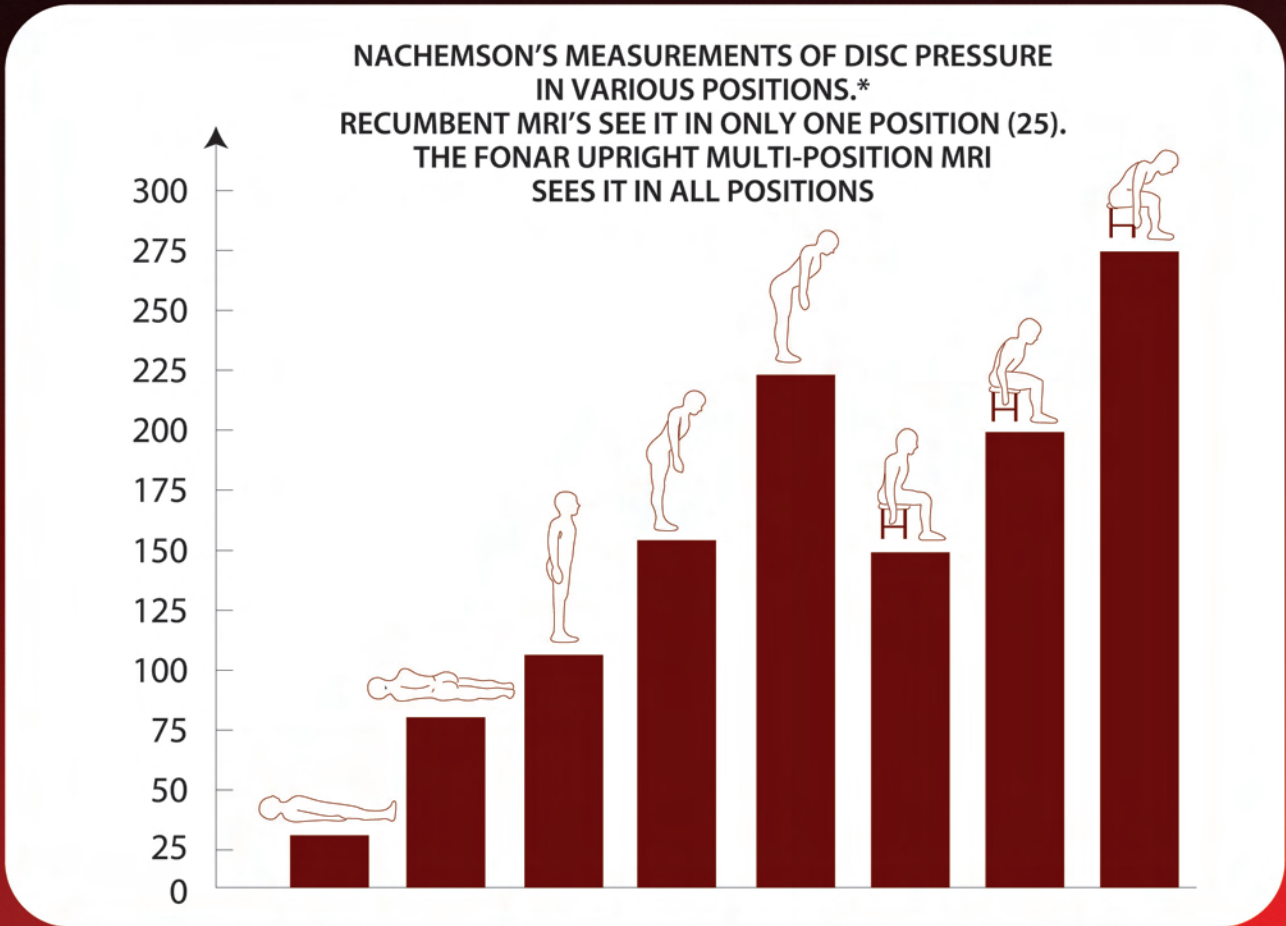




WHY THE FONAR UPRIGHT™ MULTI-POSITION MRI IMPROVES SURGICAL OUTCOMES



Surgeons talk about better surgical outcomes



FONAR

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❖ **Michael Brisman, M. D., F. A. C. S., Chief of Neurosurgery, Winthrop University Hospital; Co-Medical Director, The Long Island Gamma Knife, South Nassau Hospital**

The ability to image the spine in upright, flexion, and extension views has been critical for our patients to properly assess the full extent of the spine pathology. We can appreciate spine pathology in flexion and extension views that was not apparent in the neutral position.

❖ **John W. Gilbert, M. D., Neurosurgeon and founder of Spine and Brain Neurosurgical Center, Lexington, Kentucky**

It is essential for us as surgeons to see all of the pathology that may be responsible for the patient's symptoms, and Fonar's new technology allows us to. Positional dynamic information can be key in choosing between various treatment alternatives. When surgery is indicated, the positional information can also be key in surgery planning.... From our experience with the Fonar Upright™ Multi-Position™ MRI, the many pathologies we have now studied dynamically and our own peer reviewed research published in national and international spine and neurosurgery journals, it is unequivocal in our minds that a recumbent only examination of the spine is inadequate in many cases.

❖ **Martin R. Hall, M.D., Founding Partner, Keystone Orthopedic Specialists, Hazel Crest, Illinois and Munster, Indiana**

The Fonar magnet not only provides high resolution images, it can provide imaging in a variety of positions and postures that cannot be duplicated on high field or open scanners. The ability to scan patients in these additional positions provides me with valuable information about pathological changes that can affect medical and surgical decision making and treatment options. In my opinion, to get a true and complete picture of what may be wrong with someone prior to treatment or surgery, I need to see an MRI of the affected area in an upright, weighted and/or stress-loaded position."

❖ **Morgan P. Lorio, M. D., F. A. C. S., President, Neurospine Solutions, Bristol, TN**

The Fonar Upright is the only MRI that lets you image the spine under the effects of gravity. This allows you to best preoperatively plan your cases and thus have image driven success for your patients. Bending studies allow you to identify surgical lesions missed with recumbent MRI.

❖ **Rahul K. Nath, M. D., Director, Texas Nerve & Paralysis Institute and Brachial Plexus Institute, Houston Medical Center**

"Old technology such as recumbent MRI and CT scans miss significant dislocations of the shoulder in my experience. Because of what I learn about my patients' pathology that can only be seen on the Fonar Upright™ Multi-Position™ MRI, I have changed my surgical protocols."

Leading radiologists talk about the importance of positional imaging

❖ **Francis W. Smith, M. D., Professor of Radiology, Center for Spinal Research at the University of Aberdeen, Scotland**

"Because of its unique design, the image quality of the Upright™ scanner is excellent. Having a horizontal magnetic field allows Fonar to use the same receiver coils used on a 1.5 Tesla magnet. Therefore, the image quality is exceptionally good.... In just over 30% of the patients we find things that are not evident in the recumbent position, and these are findings the surgeon must know about before commencing surgery."

❖ **Dr. Manuel S. Rose, Founder and Medical Director, Rose Radiology Centers, Inc.**

"I often see problems that are invisible in recumbent-only scans, regardless of Tesla power.... Today, I have numerous surgeons who will not consider going to surgery without seeing an Upright MRI of their patients in the position of the problem."

WINNER – 34th NATIONAL INVENTOR OF THE YEAR AWARD FOR THE FONAR UPRIGHT™ MRI



Raymond V. Damadian, M. D., CEO & President, Fonar Corporation, Recipient of The 34th National Inventor of the Year Award for invention of the Fonar Upright™ MRI. Presented by the Intellectual Property Owners Education Foundation, Washington, DC, Cannon Federal Office Building, June 11, 2007