Indomitable™, The Stand-Up MRI™, scans patients standing, sitting, and in recumbent positions. For the first time, patients can be scanned in weight-bearing postures and in their positions of symptoms. The Stand-Up’s mega-open patient environment and its three-dimensional patient positioning system invite a host of future clinical applications as well.
Indomitable™, The Stand-Up MRI™, allows patients to be scanned in entirely new positions and orientations. FONAR scientists and engineers, the most experienced in the industry, are meeting the challenge with the development of new fixtures and high-performance surface coils.
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A gymnast, a master of positions, makes the point that the mega-open design of Indomitable™, The Stand-Up MRI™, permits scans of anatomical regions in a multitude of positions unimaginable in conventional MRI. The Stand-Up’s revolutionary design opens the frontier of Positional Imaging™ to the fertile imagination of the medical community.
After over 20 years of recumbent-only MRI scanning, the extraordinary freedom to image patients in any position, provided only by Indomitable™, excites the imagination. In order to communicate the exceptional potential of positional imaging, we chose to put our “patients” in their customary attire. If Indomitable™, The Stand-Up MRI™, were yours, what position would you study?
**Indomitable™, The Stand-Up MRI™** is Mega Open, making it the most non-claustrophobic whole-body MRI scanner. The magnet’s front-open and top-open design provides an unprecedented degree of comfort and easily accommodates large patients. This over-350-pound patient underwent an MRI examination of the lumbar spine in **The Stand-Up MRI™** in June 2001 in Melville, New York.

As you can see, the patient was scanned in a standing, weight-bearing position. For stability and comfort, the three-dimensional patient positioning system tilts the patient backwards approximately five degrees. The patient was raised a few inches above floor level in order to bring his lumbar region to the center of the magnet. For additional stability and comfort, the patient rested his arms on a movable, transpolar, stabilization bar positioned for maximum comfort.

The patient may watch a video or TV program on the monitor mounted on the scanner room wall, or close his eyes and relax for the duration of the scan, as this patient did.

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**TE = 140 ms**  
**ETL = 13**  
**FOV = 32.0 cm**  
**Scan Time = 5:05**