



The Stand-Up MRI™

Works In Progress

FONAR

The Stand-Up MRI™ . . .

MRI from a completely different perspective.

This revolutionary design of FONAR's Stand-Up MRI™ allows patients to simply walk in and be scanned . . . while standing up. The 0.6 Tesla Stand-Up MRI allows all parts of the body, particularly the spine and joints, to be imaged in the weight-bearing state. A floor-recessed elevator brings the patient to the height appropriate for the targeted image region.

A custom-built adjustable bed allows patients to sit, lie on their backs, sides or stomachs at any angle. They can even be rotated into the Trendelenburg position for MR angiography.

Dynamic full-range-of-motion studies of the joints in virtually any direction are now possible, an especially promising feature for sports injuries. Maximal flexion/extension of the lumbar spine can be achieved under full body weight.

The Stand-Up MRI is also useful for MR-directed surgical procedures as the



Standing, sitting, bending, even reclining in the Trendelenburg position . . . no patient position is beyond the limits of the FONAR Stand-Up MRI. Now, for the first time, MRI can be used to show abnormalities and injuries under full weight-bearing conditions.

surgeon enjoys unhindered access to the patient with absolutely no restrictions in the vertical direction.

This easy-entry, mid-field-strength scanner is ideal for trauma centers where a quick MRI-screening within the first critical hour of treatment will greatly improve patients' chances for survival and optimize the extent of recovery.

The Stand-Up MRI™—another first from the company that brought you MRI in the first place.

FONAR

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MRI Historical Marker

Twenty-five years before the FONAR Stand-Up MRI™, Dr. Raymond Damadian, the inventor of MR scanning, illustrated the stand-up concept in his 1972 patent application for an "apparatus and method for detecting cancer in tissue."

Two years later, on February 5, 1974, MRI's pioneer patent was issued.

