

Increasing productivity while reducing overhead

Compressed SENSE in practice –

Diagnostic Imaging Center, Boynton Beach, FL

Challenge

MRI Specialists of Boynton Beach, FL, is known for high-quality imaging services. Like other out-of-hospital imaging centers, it faces significant pressure on profitability from changing reimbursement scenarios.

Solution

By replacing two older MR systems with the speed and quality of a single Ingenia 1.5T MR system, the practice has been able to consolidate operations to a single building, saving nearly \$500,000/year in total costs. The addition of Compressed SENSE in 2018 has allowed for faster exams with fewer repeats, and a positive patient experience.

Richard L. Bajakian, M.D.

Co-owner of MRI Specialists, Dr. Bajakian is a senior member of the American Society of Neuroradiology, the Radiologic Society of North America and the American Society of Head and Neck Radiology. He previously served on the faculty of Harvard Medical School, and also as Director of MRI and Neuroradiology at JFK Medical Center.

The addition of Compressed SENSE to its Philips Ingenia 1.5T MR system allows MRI Specialists at Boynton Beaches, FL, a busy out-of-hospital imaging center, to streamline operations by shortening scan times by 25%-40% with no loss of image quality. The center performs approximately 25 scans in 11 to 12 hours daily, scheduled every 30 minutes, which allows the flexibility to accommodate even unexpected urgent cases without disrupting the schedule.

“Compressed SENSE works on just about every sequence and the image quality is comparable to non-Compressed SENSE images that take 25% to 40% longer. You give up nothing through using it, in our experience.”

**Richard L. Bajakian, M.D.,
Neuroradiology Specialist, MRI Specialists**

The quicker, **the better**

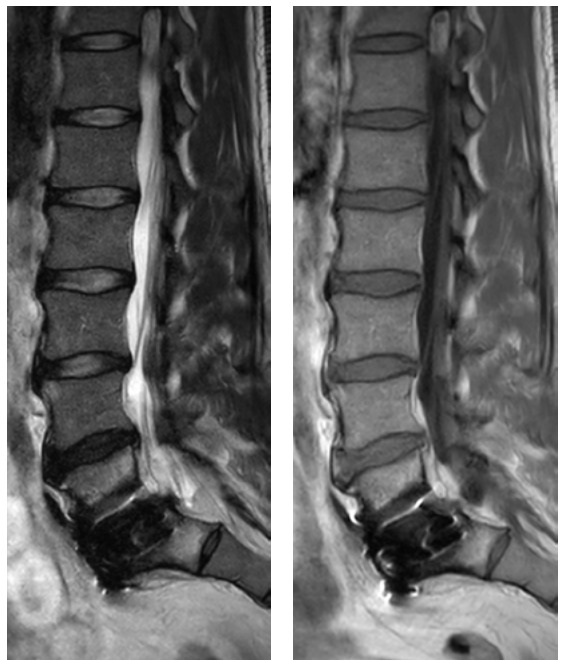
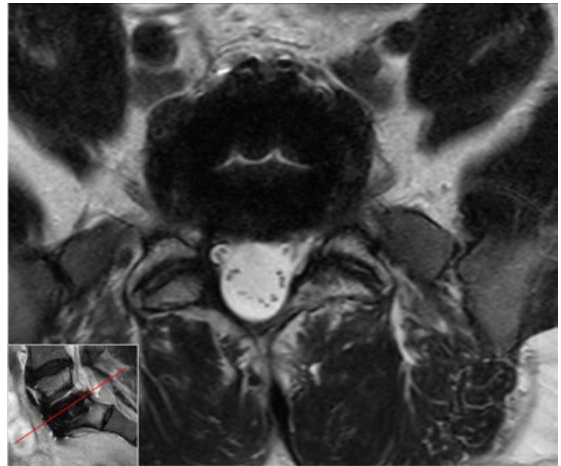
Dr. Richard Bajakian, co-owner of the practice, notes “The quicker you get the scans done the more likely patients are not to move. The shorter the series and the more efficient you are in acquiring the data, the less likely you are to have to repeat a series. In terms of image quality, throughput, patient acceptance and comfort, I’m very happy with it. I can’t think of anything it doesn’t do well.”

Dr. Bajakian values the flexibility that Ingenia with Compressed SENSE provides. “How you use the time-savings is up to you. That’s the key. You can reinvest that time on the images, or you can get another patient on the table,” he says.

“Before we were getting close to 30 minutes/scan and we couldn’t have really done as many add-ons or be as flexible in the schedule as we are now with Compressed SENSE.”



Richard L. Bajakian, M.D.



See how Boynton Beach is using Compressed SENSE to reduce the scan time for a patient with surgical metal in the lumbar spine and a Medtronic brain stimulator.

www.mriclinicalcasemap.philips.com/global/case/200

Results from case studies are not predictive of results in other cases. Results in other cases may vary.

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