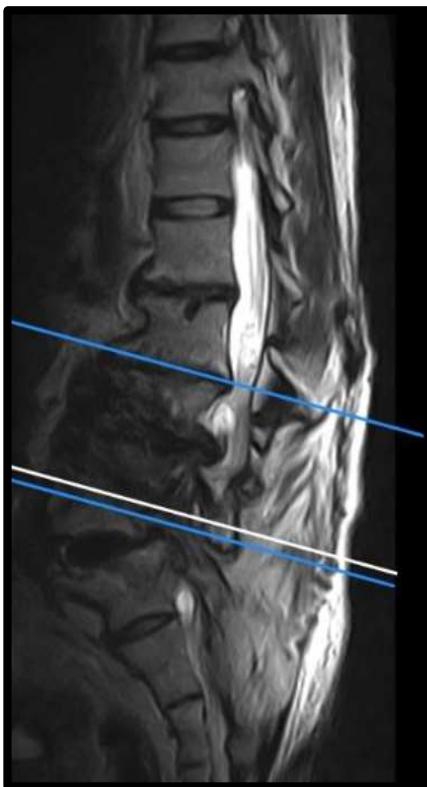
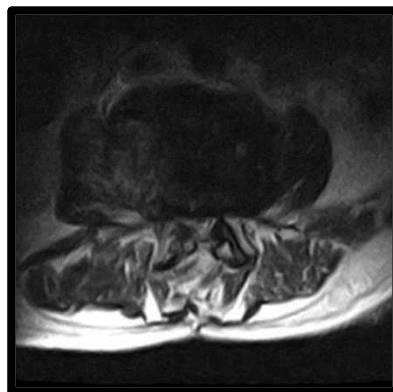




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|--------------------------|--|
| Medical Center: | American Health Imaging – Decatur, GA |
| Clinical Details: | Male, 78 years. Low back pain, difficulty walking and painful to lay flat. |
| Anatomy: | Lumbar Spine without contrast followed by contrast sequences. |
| MRI Techniques: | T1, T2 and Fast Inversion Recovery sagittal, T2 axial supine. T1 sagittal and axial sequences performed post gadolinium injection. Acquisition software: MR-GUI Pro. |
| Findings: | Progressive, severe lumbar spondylosis with degenerative listhesis and an apparent right paracentral/subarticular disc extrusion/synovial cyst at L4-L5 resulting in multilevel severe spinal canal and neural foraminal stenosis. |



Sagittal T2 6'29" with 19 slices



Axial T2 1'54"



Coronal T2 2' 27"

Conclusion

The patient requested to be scanned on the ASG-Paramed's MRO multi-positional open bore MRI system due to extreme discomfort when lying flat. The patient was scanned with the table at a 40 degree incline for comfort. Moderate to severe spinal canal and neuroforaminal stenosis caused by degenerative listhesis, facet hypertrophy, degenerative disc disease and thickening of the ligamentum flavum at multiple levels. The patient was able to complete the entire exam resulting in a diagnostic study which aided in his follow up care.