

MRI Lumbar Spine Report

The cervical and thoracic levels of the spine are within normal limits. There is evidence of moderate left subarachnoid space narrowing with associated nerve root compression noted between L1-L2 and L3-L4 levels. A more severe degree of right side lumbosacral disc protrusion compresses both S1 neural canals as well as exit foramina due to significant sacroileitis, which may be secondary to degenerative changes or an inflammatory process such as neoplasm (noted). Associated mild diffuse central canal stenosis affects all anterior elements, predominantly posteriorly. No abnormalities identified involving facet joints or ligaments were observed. MRI images have been reviewed by neuroradiologist Dr. John Doe for correlation purposes only; they do not constitute final diagnoses nor replace physical examination results obtained during patient evaluation. It should also be mentioned that this study was performed using conventional spin echo sequences without gadolinium enhancement.