

MRI Lumbar Spine Report

The lumbar spinal canal shows mild to moderate stenosis at the L2-L4 levels, with severe stenosis noted between L4 and L5. Radiographic analysis indicates moderate left and right neural foraminal narrowing, particularly at the L4-L5 interspaces. The degree of left neural foraminal narrowing is more pronounced compared to the right, with severe narrowing at the L5-S1 level. Left subarticular stenosis is moderate between L2 and L3 with severe involvement noted at the L4-L5 disc space. These findings are suggestive of degenerative changes with corresponding neuroforaminal narrowing and segment-specific disc degenerative changes consistent with lumbar spondylolisthesis. No acute pathology is apparent and no evidence of spinal alignment deformity. The overall lumbar spine shows mild degenerative changes.

Clinical Summary: The imaging reveals mild to moderate lumbar spinal canal stenosis predominantly at the L2-L4 levels. There is notable left-sided neural foraminal narrowing, especially at the L4-L5 level, moderate to severe. Moreover, moderate left and severe right subarticular stenosis is identified between L4-L5. Collectively, these findings are indicative of degenerative vertebral changes with corresponding moderate neuroforaminal narrowing and disc degeneration, possibly leading to lumbar spondylolisthesis. Currently, no acute pathology is associated with these findings.