

# MRI Lumbar Spine Report

The lumbar spine X-ray reveals a moderate to severe degree of spinal canal stenosis at levels L3-L4 and L4-L5 on both sides, with the severity increasing posteriorly. The canal narrowing at L3-L4 and L4-L5, combined with moderate foraminal narrowing at the same levels, suggests impingement of neural elements. Left and right anterior and posterior vertebral bodies at all levels are relatively preserved, with only normal to mild degenerative changes. There are moderate to severe subarticular stenoses at L4-L5 bilaterally, indicating possible facet arthropathy and contributing to the observed canal and foraminal compression.

Clinical correlation indicates lumbar canal stenosis is contributing to the patient's symptoms, potentially caused by degenerative changes and compensatory reactions. This condition may be associated with radiculopathy or spinal stenosis symptoms, such as lower back pain and sciatica.

## Summary:

The patient presents with moderate to severe lumbar spinal canal stenosis from L3-L4 to L4-L5 bilaterally, along with moderate subarticular stenosis at L4-L5 on both sides. Mild stenosis is observed at the levels of L1-L2 and L5-S1. The degenerative changes at the affected levels and the associated subarticular stenosis are likely contributing to neural compression, correlating with possible radiculopathy symptoms. Further clinical evaluation and correlation are recommended for targeted management.