

# MRI Lumbar Spine Report

Radiographic evaluation of the lumbar spine reveals mild to moderate degenerative changes across the vertebral bodies and intervertebral disc spaces. Specifically, lumbar degeneration has progressed bilaterally, with the lumbar canal showing mild to moderate narrowing between L1-L2, L2-L3, and L3-L4, and severe stenosis at the L4-L5 level. Additionally, both the intervertebral foramina, particularly at the L4-L5 and L5-S1 levels, demonstrate moderate to severe narrowing on the left side, consistent with foraminal stenosis, potentially leading to nerve root compression and related symptoms. Similar mild to moderate foraminal narrowing is also noted on the right side with normal intervertebral disc spaces. Moreover, there is severe left subarachnoid space narrowing at the L4-L5 and L5-S1 levels, indicative of subarachnoid degeneration and possible impingement on the spinal cord or nerve roots. The right side of the spine similarly exhibits mild to moderate subarachnoid space narrowing. No significant vertebral body fractures or other abnormalities are identified. Overall, these degenerative changes are likely contributing to low back pain and could correlate with sciatic nerve compression.