

# MRI Lumbar Spine Report

The lumbar spine images reveal mild to moderate spinal canal stenosis at the L4-L5 and L5-S1 intervertebral levels on both sides, indicating possible degenerative changes. There are also mild to mild changes noted in the left and right neural foraminal spaces at corresponding levels (L1-L2, L2-3, L3-4, L4-L5, L5-S1), consistent with moderate foraminal narrowing without significant impingement.

Additionally, the left sublumbar intervertebral margins exhibit severe narrowing at the L4-L5 level, which may suggest advanced osteophytic or degenerative changes. The right sublumbar intervertebral space shows moderate stenosis at the L4-L5 level. Overall, the spine demonstrates mild to moderate degenerative changes, with the most notable changes noted at the L4-L5 intervertebral levels on both sides. No acute pathology is evident. The findings correlate with the patient's clinical presentation of lower back pain and are consistent with age-related degenerative spinal changes. No evidence of nerve root impingement or significant foraminal narrowing was observed.

Clinical summary: The patient's mild to moderate degenerative changes are mainly found at the L4-L5 intervertebral levels, with more significant changes at the left side. The findings are likely contributing to the patient's symptoms but are not acutely impinging on nerve roots at this time. The patient should be managed with conservative measures, and their response to therapy should be periodically reassessed to monitor progression.