

MRI Lumbar Spine Report

This lumbar spine radiograph reveals mild intervertebral disc space narrowing (lumbar degenerative changes) at L1-L2, L2-L3, L3-L4, and L4-L5 with mild straightening, indicative of mild spinal canal stenosis at these levels. Both neural foraminae are mildly narrowed bilaterally at all levels analyzed, suggesting mild foraminal spurs. There is severe stenosis noted at the L4-L5 intervertebral disc space, with moderate narrowing of the L3-L4 and severe stenosis at the L4-L5 intervertebral disc space. This may be associated with the clinical condition leading to the patient's symptoms. Also, significant subarticular narrowing and sclerosis is observed at the L4-L5 level on the left side. This level of spondylosis may contribute to pain or neurological symptoms in this patient. The bone structure of the vertebrae at L1-L5 and the intervertebral disc spaces at all levels appears within normal limits, suggesting no significant osteoporosis or vertebral collapse. Overall, the lumbar region exhibits mild age-related degenerative changes with mild to moderate osteopenic changes observed. No acute fractures or evidence of significant canal compromise or nerve root impingement are identified. The findings correlate with the patient's symptoms and history of lumbar degenerative disc disease.