

# MRI Lumbar Spine Report

The patient presents with multilevel degenerative changes. There is moderate left-side central canal stenosis noted between the L1 and L2 vertebrae, likely compressive of both neural elements. A mild right-side foraminal narrowing exists at the L1-L2 level. Multilevel subarachnoid cerebrospinal fluid (CSF) accumulations are also present bilaterally within the lateral recesses, particularly affecting the posterior aspect of the CSF spaces around the S1 nerve roots. Diffuse disc bulges are seen mainly at the L3-L4 and L4-L5 levels, resulting in compression of all exiting nerve root canals. Mild diffuse facet joint hypertrophy is observed at multiple levels without significant ligamentum flavum thickening or abnormal endplate features. No evidence of fracture or bony metastasis was detected. Feature analysis does not show any red flag signs for tumor growth. Based upon imaging studies correlated with neurologic examination results, it appears reasonable to attribute these symptoms primarily to mechanical factors rather than an intrinsic disease process involving