

MRI Lumbar Spine Report

The patient presents with multilevel degenerative changes. There is evidence of moderate central canal stenosis at the L1-L2 level, which may be contributing to neurogenic symptoms due to compression or encroachment upon exit neural canals. A more severe degree of narrowed foramina are noted between levels L2 and L3 (severe), as well as between levels L3 and L4 (severe). This has resulted in significant left subarachnoid space restriction, likely secondary to disc bulges and osteophyte formation compressing both lateral recesses. Featureless diffuse bone marrow signal change suggests chronicity; no focal abnormalities within vessels were identified. No acute fracture or hemorrhage was observed. Multilevel mild right paracentral facet joint hypertrophy appears associated with an annular tear involving all three ligamentum flavum bundles extending downward toward the lumbosacral junction. Mild sacroiliac joint endplate irregularity also accompanies this feature. Both iliac pedicles appear relatively normal without notable enhancement suggesting tumorous growth. Cervical myelopathy pattern does not correlate with any preoperative imaging studies performed previously.