

# MRI Lumbar Spine Report

The lumbar spine radiographs demonstrate mild to moderate spinal canal stenosis between the L1 and L5 vertebrae. The extent of stenosis is most pronounced at the L3-L4 and L4-L5 intervertebral levels, classified as moderate. Additionally, moderate neural foraminal narrowing, particularly at the right lumbar spine, is noted at the L5-S1 level, which may suggest nerve root compression. The left side demonstrates mild to moderate narrowing at the L3-L4 and L4-L5 levels, extending to severe narrowing at the L5-S1 level, potentially correlating with neurogenic findings. Subchondral sclerosis and mild spondylolysis are observed, without significant osteophytes or other degenerative changes. Spondylolysis at the pars interarticularis is noted at the L3-L4 levels bilaterally. The overall findings may be contributing to the patient's intermittent back pain and radiculopathy symptoms. Immediate referral to physical therapy and possible intervention is recommended. Clinical correlation is encouraged.

[Note: "nan" typically represents missing or not applicable data; however, it is not standard practice to interpret such text as "normal" within a report. The interpretation assumes "nan" was intended to specify the absence of significant findings in those particular areas.]