

# MRI Lumbar Spine Report

The lumbar spine radiograph demonstrates progressive degenerative changes across levels L1-S1 with notable compression. At the L2-3 level, there is moderate stenosis of the spinal canal, escalating to severe stenosis at L3-4. The stenosis is less pronounced at L4-5 and L5-s1 levels, remaining mild to moderate. There is also evidence of moderate narrowing of the neural foramina at L2-3 and L4-5, which increases to severe at L3-4, with mild narrowing at L5-s1. Additionally, moderate subarticular osteophytes are observed at both L2-3 and L4-5 levels, becoming severe at L3-4 and moderate at L5-s1. Overall, there is generalized degenerative change consistent with the patient's reported symptoms, including intervertebral disc space narrowing and vertebral end-plate sclerosis. The structural changes may contribute to neural impingement and spinal canal narrowing, potentially causing localized pain and radiculopathy. Further clinical correlation and imaging correlation are recommended for definitive evaluation.

## Clinical Summary:

The lumbar spine X-ray exhibits degenerative changes indicative of osteoarthritic changes, including moderate to severe spinal canal stenosis at L2-4. This degenerative spinal canal narrowing may be contributing to the patient's clinical symptoms. The imaging also shows moderate narrowing of the neural foramen at L2-4 with associated vertebral end-plate sclerosis. The presence of subarticular osteophytes corresponds with these degenerative changes. These findings warrant clinical