

# MRI Lumbar Spine Report

This lumbar spine report indicates severe spinal canal stenosis at levels L1-L5 with mild or normal stenosis observed at intervertebral disc space between L5 and S1. There is also moderate to severe neural foraminal narrowing noted at levels L1-L4, corresponding with the severe canal stenosis, with mild to moderate foraminal narrowing at levels L3-S1. Additionally, severe subarticular stenosis is present at L1-L5, with varying degrees of narrowing. Specifically, severe narrowing is noted at L1-L2, L2-L3, L3-L4, and L4-L5, whereas mild to normal stenosis is observed at L5-S1. Both the left and right sides demonstrate a general pattern of degenerative changes consistent with osteoarthritis. The described lumbar spinal pathology, predominantly involving significant stenosis and subarticular degeneration, likely contributes to potential patient symptoms, including potential radiculopathy or spinal stenosis-related symptoms.

To summarize:

- Severe spinal canal stenosis at the lumbar levels L1-L5, with mild stenosis intervertebrally between L5 and S1.
- Moderate to severe neural foraminal narrowing at levels L1-L4, aligning with the canal stenosis.
- Severe subarticular stenosis at the intervertebral disc spaces from L1-L5 to L4-L5.
- A consistent pattern of degenerative changes indicative of lumbar spinal osteoarthritis.

Radiographic findings may correlate with patient symptoms such as back pain, leg pain, and neurologic deficit.