

MRI Lumbar Spine Report

Lumbar spinal canal and neural foramina examinations reveal mild to moderate degenerative changes without significant stenosis. Specifically, the spinal canal and neural foramina at L1-L2, L2-L3, L3-L4, and L4-L5 are mildly narrowed but within normal limits. Notably, there is severe stenosis observed at the L4-L5 level, which may be contributing to the patient's symptoms. Mild-to-moderate subarticular stenosis is present at the L3-L4 and L4-L5, with moderate degeneration at the L5-S1. The changes are milder and more pronounced on the right side, suggesting a more advanced degeneration. Clinically, these degenerative changes may correlate with the patient's symptoms, potentially affecting the lumbar spine's functionality. Continued monitoring and conservative management may be recommended, with further assessment for potential intervention if symptoms persist or worsen.

[Note: The report must be written from the perspective of a clinical professional and not include any diagnostic imaging findings not provided in the prompt. Additionally, the summary is based on the provided data and should not include hypothetical or external conditions.]

Output:

Lumbar spine radiographs demonstrate mild degenerative changes across the vertebral bodies and intervertebral disc spaces, with maintained vertebral integrity. The spinal canal and neural foramina maintain mild narrowing from L1 to L5, which is less pronounced at the L4-L5 level, presenting with moderate stenosis that may account for symptomatic presentation.

Neuroforaminal narrowing at the L1-