

MRI Lumbar Spine Report

The patient presents with severe left-side mild central canal stenosis. This is associated with significant right side moderate subarachnoid hemorrhage (SH). Mild diffuse disc bulges are noted at L2-L3 and L3-L4 levels, compressing the neural canals marginally. No evidence of an epidural or intramedullary lesion. Feature analysis shows no abnormalities detected within the ligamentum flavum. A multilevel degenerative process involving both facet joints has been identified, resulting in narrowed intervertebral foramina. Associated features include multiple bone marrow signal changes likely secondary to metabolic factors rather than neoplastic processes. Diffused soft tissue swelling extending into the posterior neck muscles is present bilaterally. Clinically correlates imaging studies suggest chronicity due to longstanding hypertension. Multifacet lumbosacral fusion procedures have previously been performed successfully without complications.