

MRI Lumbar Spine Report

The MRI of the lumbosacral region demonstrates mild central disc bulges noted at L1-L2 and L3-L4 levels. Multilevel left subarachnoid hemorrhage is present with diffuse blood accumulation extending from the anterior neck downward into both lateral recesses and sacroiliac area, compressing neural elements. A large right paracentral herniated nucleus pulposus (HNP) extends beyond the posterior ligamentous structures and encroaches upon the exit canal, resulting in compression of all three nerve roots – predominantly affecting the S1 root. Diffuse narrowed foramina are also observed bilaterally due to combined effects of facet joint hypertrophic changes and muscle spasm. No significant abnormalities are identified within or outside the spinal cord. Feature analysis does not reveal any additional pathological features associated with symptoms reported by patient.