

MRI Lumbar Spine Report

The patient presents with diffuse disc bulges noted across the L4-L5, M5-S1 levels. There is evidence of right subarachnoid hemorrhage (SAH) likely secondary to an unruptured cerebral aneurysm or trauma. A left paracentral herniated nucleus compresses both exiting nerve roots at all levels examined – from mildly abnormal through severe compression features. Multilevel facet joint hypertrophy appears associated with degenerative changes along the entire length of the spine. No significant neurofibromatosis lesions are identified. Diffused endplate irregularities may be contributing factors for neural elements encasement by bony structures. Bone marrow signal intensifies due to metastatic disease involving multiple skeletal sites including pelvis, thoracic spinous processes, sacrum, iliac wings, femoral heads, lumbosacral junction, T8 vertebral body margin, S3 anterior element, laterally displaced odontoid process, C6 posterior ligament complex, cervicomedullary canal narrowed primarily secondarily to tumorous growth obstructive desiccation within the foramina has been observed without evident cord compression. Feature size warrants further evaluation via advanced imaging studies such as CT myelogram.