

# MRI Lumbar Spine Report

The MRI of the lumbosacral region shows mild diffuse disc bulges noted at L1-L2 and L2-L3 levels. A more pronounced left side feature is seen with an annular tear extending from the outer fibers downward toward the central canal compressing both exit neural canals (mainly affecting the S1 nerve root). Left subarticular facet joint hypertrophy is also observed which may be contributing to abnormal signal transmission through this area. Feature compression along all posterior elements including ligamentum flavum are present primarily overlying the right paracentral and lateral recesses. Multilevel degenerative changes have been identified throughout the lower cervical and upper thoracic regions as well as within the cauda equina space. No significant neuroforamen narrowing or foraminal encroachment has been detected beyond these features. An anterior herniated nucleus pulposus [HNP] is noticed at L4-L5 level, slightly displacing the left OAAL structures away from the spinal cord. Descriptively summarized below for ease of interpretation by referring physicians