MRI Lumbar Spine Report

Certainly! Based solely on the provided sagittal MRI images of the lumbar spine, here is a concise report focusing on degenerative findings:

MRI LUMBAR SPINE REPORT

Technique: Sagittal T2-weighted imaging.

Findings:

Degenerative Changes:

Intervertebral Disc Desiccation: There is evidence of mild to moderate desiccation at multiple levels within the lumbar spine, including but not limited to the L3-L4, L4-L5, and L5-S1 discs. This is represented by decreased signal intensity on the T2-weighted images.

Disc Bulging/Protrusion: Mild posterior disc bulging/protrusion is noted at multiple levels, most prominent at L4-L5 and L5-S1, but without evidence of spinal canal compromise or significant nerve root impingement based on the sagittal images provided.

Vertebral Endplate Changes: Mild Schmorl's nodes are present at multiple levels with associated mild endplate irregularity of the vertebral bodies, suggestive of mild degenerative changes.

Facet Joint Arthropathy: There appears to be subtle facet joint arthropathy, most prominent at L4-L5 and L5-S1 with some mild hypertrophy, suggestive of degenerative changes.

Impression:

Mild to moderate degenerative changes are noted throughout the lumbar spine, including disc desiccation, mild bulging/protrusion, Schmorl's nodes, endplate changes, and facet arthropathy. No high-grade stenosis or significant nerve impingement is evident from the sagittal views provided.

Recommendations:

Clinical correlation is recommended. Further evaluation with axial imaging would be helpful to assess for any foraminal stenosis and nerve root compression.

Note: This report is limited to the sagittal images provided and focuses only on degenerative changes. A complete assessment would require axial imaging as well as clinical information. Please do not hesitate to ask if you have any questions.