

Patient Name	: Ms.NISHA	Visit No	: CHA250045571
Age/Gender	: 65 Y/F	Registration ON	: 15/Mar/2025 07:59AM
<b>Lab No</b>	<b>: 10142866</b>	Sample Collected ON	: 15/Mar/2025 07:59AM
Referred By	: Dr.AFTAB ALAM KHAN	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 15/Mar/2025 05:32PM

## **MRI: LUMBO-SACRAL SPINE**

### **IMAGING SEQUENCES (NCMR)**

**AXIAL:** T1 & TSE T2 Wis. **SAGITTAL:** T1 & TSE T2 Wis **CORONAL:** T2

Lumbar spine is straightened with loss of usual spinal curvature. There is evidence of degenerative changes affecting lumbar spine. L4-5 & L5-S1 intervertebral discs are desiccated. Vertebrae are also showing degenerative changes in form of anterior osteophytosis and signal changes adjacent to end plates. *Vertebral body hemangioma is seen at L1 level.*

Diffuse disc herniation (protrusion) is seen at L4-5 level producing moderate compromise of bilateral lateral recesses with moderate extradural compression over thecal sac (AP thecal sac diameter 7mm).

Diffuse disc bulge is seen at L5-S1 level producing mild compromise of bilateral lateral recesses with mild extradural compression over thecal sac (AP thecal sac diameter 10mm).

Rest of the vertebrae and intervertebral disc are showing normal height, morphology, outline, alignment and signal intensity. No significant disc bulge/herniation or compression over thecal sac/nerve roots at any other level.

Lower dorsal spinal cord and conus medullaris are showing normal morphology, outline and signal intensity.

Facet joints and ligamentum flavum are normal.

Pre and para vertebral soft tissues are normal.

Bilateral sacroiliac joints appear normal in the visualized sections.

*Screening of rest of the spine was done which reveals degenerative changes with small disc bulges at C5-6 & C6-7 levels.*

*Moderate collapse of D10 vertebral body is noted, however showing normal marrow signal intensity – old post traumatic / osteoporotic.*

## **IMPRESSION**

**Degenerative changes affecting lumbar spine with disc herniation at L4-5 level and disc bulge at L5-S1 level.**

Please correlate clinically.

**DR. RAVENDRA SINGH**  
**MD**

Typed by Ranjeet



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