

Patient Name	: Ms.USHA KIRAN	Visit No	: CHA250039943
Age/Gender	: 67 Y/F	Registration ON	: 05/Mar/2025 03:23PM
Lab No	: 10137238	Sample Collected ON	: 05/Mar/2025 03:23PM
Referred By	: Dr.RBH	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 05/Mar/2025 06:21PM

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. All the intervertebral discs are desiccated. Vertebrae are also showing degenerative changes in form of anterior osteophytosis and signal changes adjacent to end plates. *L4-5 disc height is reduced.*

Severe collapse with anterior wedging of D12 vertebral body is noted. It is showing mild bone marrow edema with mildly retracted postero-inferior margin causing mild to moderate extradural compression over thecal sac (AP thecal sac diameter 9mm).

Mild T2/TIRM hyperintensity is seen in D11-12 & D12-L1 intervertebral disc. No any obvious associate soft tissue component is seen.

Diffuse disc herniation (protrusion) is seen at L3-4 level producing moderate compromise of bilateral lateral recesses with moderate extradural compression over thecal sac (AP thecal sac diameter 7.6mm).

Diffuse disc herniation (protrusion) is seen at L4-5 level producing severe compromise of bilateral lateral recesses with moderate extradural compression over thecal sac (AP thecal sac diameter 7.2mm).

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 13mm).

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.



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Subtle subarticular bone marrow edema is seen in sacral aspect of right sacroiliac joint - ? significant ? sacroiliitis.

Screening of rest of the spine was done which reveals degenerative changes with disc bulges at C3-4, C4-5, C5-6 & C6-7 levels.

IMPRESSION

- **Degenerative changes affecting lumbar spine with disc herniations at L3-4, L4-5 levels and disc bulge at L5-S1 level.**
- **Severe collapse with anterior wedging of D12 vertebral body - ? osteoporotic / post traumatic.**

Please correlate clinically.

Typed by Ranjeet

**DR. RAVENDRA SINGH
MD**

*** End Of Report ***

CHARAK

