

Patient Name	: Mr.ANSAR AHMAD	Visit No	: CHA250044963
Age/Gender	: 45 Y/M	Registration ON	: 13/Mar/2025 08:05AM
<b>Lab No</b>	<b>: 10142258</b>	Sample Collected ON	: 13/Mar/2025 08:05AM
Referred By	: Dr.KGMU	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 13/Mar/2025 05:56PM

## **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 early degenerative changes affecting lumbar spine. All the intervertebral discs are desiccated. Vertebrae are also showing early degenerative changes in form of small anterior osteophytosis and signal changes adjacent to end plates.

*End plate fatty marrow changes are seen at L2-3 level*

Diffuse disc bulge is seen at L4-5 level producing moderate compromise of bilateral lateral recesses with mild extradural compression over thecal sac (AP thecal sac diameter 9.5mm).

Diffuse disc bulge is seen at L5-S1 level producing mild compromise of left lateral recess with mild extradural compression over thecal sac (AP thecal sac diameter 12.7mm).

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.

Mild sclerosis is seen in articular margins of both sacroiliac joints. No periarticular bone marrow edema is noted.

*Screening of rest of the spine was done which reveals degenerative changes with small disc bulges at C4-5, C5-6 levels.*

*Small linear T2 hyperintensity is seen in spinal cord at D6-7 vertebral level - syrinx.*

### **IMPRESSION**

- **Early degenerative changes affecting lumbar spine with disc bulges at L4-5 & L5-S1 levels.**
- **Mild sclerosis in articular margins of both sacroiliac joints - ? sacroiliitis. Adv: HLA B-27.**

Please correlate clinically.

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



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Typed by Ranjeet

\*\*\* End Of Report \*\*\*

