

Patient Name	: Ms.RAM PYARI	Visit No	: CHA250033841
Age/Gender	: 52 Y/F	Registration ON	: 25/Feb/2025 11:06AM
<b>Lab No</b>	<b>: 10131137</b>	Sample Collected ON	: 25/Feb/2025 11:06AM
Referred By	: Dr.AUTAR HOSPITAL	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 25/Feb/2025 01:52PM

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

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

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

Scoliosis is seen with convexity towards the right. There is evidence of degenerative changes affecting lumbar spine. L3-4, L4-5 and L5-S1 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.*

Mild posterior disc bulges are seen at L1-2 and L2-3 levels causing mild indentation over thecal sac without significant compromise of lateral recess and neural foramina.

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

Grade-I spondylolisthesis is seen at L4-5 level. Bilateral facet joint hypertrophy is seen. Due to listhesis pseudo disc herniation is seen at this level producing moderate compromise of bilateral lateral recesses (R>L) and neural foramina with moderate extradural compression over thecal sac.

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

Lower dorsal spinal cord and conus medullaris are showing normal morphology, outline and signal intensity. Cord CSF interface is normally visualized.

Pre and para vertebral soft tissues are normal.

Bilateral sacroiliac joints are normally visualized.

AP thecal sac diameter at disc level measures:

L1-2	L2-3	L3-4	L4-5	L5-S1
12.9mm	12mm	9.5mm	7.3mm	9.5mm

Screening of rest of the spine was done which reveals disc osteophyte complexes at C3-4, C4-5 and C5-6 levels.

### **IMPRESSION:**

- **Degenerative changes affecting lumbar spine with disc herniation at L3-4 level and disc bulges at L1-2, L2-3, L5-S1 levels.**
- **Grade-I spondylolisthesis at L4-5 level.**

Please correlate clinically.

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

Transcribed by R R...



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