

Patient Name	: Mr.HIRA NAND GUPTA	Visit No	: CHA250041376
Age/Gender	: 65 Y/M	Registration ON	: 07/Mar/2025 04:20PM
<b>Lab No</b>	<b>: 10138671</b>	Sample Collected ON	: 07/Mar/2025 04:20PM
Referred By	: Dr.ECHS	Sample Received ON	:
Refer Lab/Hosp	: ECHS	Report Generated ON	: 07/Mar/2025 08:08PM

## 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.

Right paracentral disc herniation (protrusion) is observed at L1-2 level producing moderate compromise of right lateral recess & mild compromise of left lateral recess with mild extradural compression over thecal sac

Diffuse disc bulge is seen at L2-3 level producing mild to moderate compromise of bilateral lateral recesses with mild extradural compression over thecal sac.

Diffuse disc bulge is seen at L3-4 level producing moderate compromise of bilateral lateral recesses with moderate extradural compression over thecal sac.

Left paracentral disc herniation (extrusion) is seen at L4-5 level producing severe compromise of left lateral recess with moderate compromise of right lateral recess with moderate to severe extradural compression over thecal sac.

### **AP thecal sac diameter at disc level measures:**

L1-2	L2-3	L3-4	L4-5	L5-S1
9.7mm	8.8mm	6.8mm	5.6mm	9.0mm

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

Facet joints and ligamentum flavum are normal.



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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 disc osteophyte complex at C3-4, C4-5, C5-6 & C6-7 levels.*

### **IMPRESSION**

**Degenerative changes affecting lumbar spine with disc herniations at L1-2, L4-5 levels and disc bulges at L2-3, L3-4 levels.**

Please correlate clinically.

Typed by Ranjeet

**DR. RAVENDRA SINGH  
MD**

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

CHARAK

