

Patient Name	: Mr.RASHID ALI	Visit No	: CHA250044501
Age/Gender	: 48 Y/M	Registration ON	: 12/Mar/2025 11:34AM
Lab No	: 10141796	Sample Collected ON	: 12/Mar/2025 11:34AM
Referred By	: Dr.NEW BHARAT HOSPITAL	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 12/Mar/2025 06:04PM

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. *Small Schmorl's nodes are seen at multiple levels. L2-3, L3-4 disc height is reduced.*

Left paracentral disc herniation (extrusion) is seen at L1-2 level producing moderate compromise of left lateral recess with moderate extradural compression over thecal sac (AP thecal sac diameter 5.5mm).

Grade I spondylolisthesis is seen at L3-4 level. Bilateral facet joint hypertrophy is noted. Due to listhesis pseudo disc herniation is seen at this level producing severe compromise of bilateral lateral recesses and neural foramina with moderate extra-dural compression over thecal sac also contributed by ligamentum flavum hypertrophy (AP thecal sac diameter 5.8mm).

Diffuse disc bulge is seen at L4-5 level producing severe compromise of bilateral lateral recesses with mild extradural compression over thecal sac (AP thecal sac diameter 10mm).

Diffuse disc bulge is seen at L5-S1 level producing moderate compromise of bilateral lateral recesses with moderate extradural compression over thecal sac (AP thecal sac diameter 07mm).

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

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 C5-6 & C6-7 levels.

IMPRESSION

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

Please correlate clinically.

DR. RAVENDRA SINGH
MD

Typed by Ranjeet



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