

Patient Name : Ms.SUNITA SINGH Visit No : CHA250045926
Age/Gender : 55 Y/F Registration ON : 15/Mar/2025 02:46PM
Lab No : 10143221 Sample Collected ON : 15/Mar/2025 02:46PM
Referred By : Dr.SGPGI Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 15/Mar/2025 04:21PM

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. L4-5 & L5-S1 intervertebral discs are desiccated. Vertebrae are also showing degenerative changes in form of anterior osteophytosis and signal changes adjacent to end plates.

Diffuse disc bulge is seen at L4-5 level producing mild compromise of bilateral lateral recesses with mild extradural compression over thecal sac also contributed by facet joint hypertrophy.

Mild posterior disc bulge is seen at L5-S1 level causing mild indentation over thecal sac without significant compromise of lateral recess and neural foramina.

AP thecal sac diameter at disc level measures:

L1-2	L2-3	L3-4	L4-5	L5-S1
16mm	15mm	12.8mm	12mm	17mm

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. Cord CSF interface and cauda equina nerve roots are normally visualised. No evidence of primary canal stenosis.

Rest of the facet joints and ligamentum flavum are normal.

Pre and para vertebral soft tissues are normal.

Bilateral sacroiliac joints are normally visualized.

Screening of rest of the spine was done which reveals small disc osteophyte complexes at C5-6, C6-7, D2-3, D3-4, D4-5, D5-6, D6-7, D7-8, D8-9, D9-10, D10-11 and D11-12 levels.

Incidental note : A well defined intramural lesion measuring approx. 24 x 21 mm is seen in anterior uterine wall – suggestive of fibroid.

IMPRESSION

- Degenerative changes in lumbar spine with disc bulges at L4-5 & L5-S1 levels.

Please correlate clinically.

DR. RAVENDRA SINGH
MD

(Transcribed by Rachna)



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