



Patient ID	P250514164210835	Age & Sex	51 Years & M
Patient Name	VASANT MANJARE	Study Name	MRI L S SPINE + WSS
Referring Physician	SALUNKE HOSPITAL	Study Date	14-May-2025

MRI OF LUMBAR SPINE with WSS

Clinical: low backache.

Observations:

- All vertebrae, sacrum, both hip bones show STIR hyperintense lesions.
- The lumbar lordosis is preserved.
- The posterior elements are normal.
- The conus terminates at L1 vertebral level.
- **Marginal osteophytes are seen arising from all the lumbar vertebrae.**
- **All the lumbar discs are desiccated.**
- L4-L5 disc shows diffuse posterior bulge compressing thecal sac.
- L5-S1 disc shows posterocentral, bilateral foraminal bulge compressing thecal sac abutting bilateral traversing and exiting nerve roots.
- No facet arthropathy or ligamenta flavum hypertrophy is noted.
- Pre & Paravertebral soft tissues appear normal. Psoas muscles are normal.

WSS reveals-

- **Reduction of cervical lordosis is seen.**
- Dorsal curvature is maintained.
- **Disc desiccations are seen in all intervertebral discs.**
- **Marginal osteophytes are seen in cervicodorsal spine.**



**BRANCH 1: SONOGRAPHY, COLOR DOPPLER,
DIGITAL X-RAY, PATHOLOGY LAB**

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**BRANCH 2: MRI, CT SCAN, SONOGRAPHY, DIGITAL X-RAY,
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- C4-5 disc shows diffuse posterior bulge compressing thecal sac.
- CV junction and rest of the spinal cord is normal.

Mid sagittal AP thecal sac dimensions-

At inter-vertebral disc levels----

D12-L1 = 10.33 mm	1.22 cm2.
L1-L2 = 10.45 mm	1.76 cm2.
L2-L3 = 10.37 mm	1.47 cm2.
L3-L4 = 10.20 mm	1.35 cm2.
L4-L5 = 10.28 mm	1.33 cm2.
L5-S1 = 10.1 mm	1.00 cm2.

Impression :-

- ❖ All vertebrae, sacrum, both hip bones show STIR hyperintense lesions, s/o neoplasm like myeloma vs metastases.
- ❖ L4-L5 disc shows diffuse posterior bulge compressing thecal sac.
- ❖ L5-S1 disc shows posterocentral, bilateral foraminal bulge compressing thecal sac abutting bilateral traversing and exiting nerve roots.
- ❖ Degenerative changes in the cervical spine as described.

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