



# Enso Care Radiology Imaging & Diagnostic Center

ENSO care

FACILITIES AVAILABLE :- MRI (1.5 Tesla) · CT Scan (128 Slice) · Mammography  
· 3D Sonography · Color Doppler · 2D Echo · Stress Test · PFT · ECG · EEG · Digital X-Ray · Pathology  
(MRI, CT Scan & Digital X-Ray - 24 Hours Service)

übercare

PATIENT NAME	MR. VINOD KUMAR JAIN	AGE / SEX	67 YEARS/M
ID NO.	2019070144	DATE	02-07-2019
REF. BY	DR. SHASHANK BEHERE		

## MRI LUMBAR SPINE

### TECHNIQUE:

Sequence	Plane	Sequence	Plane
FSE T1WI	Sagittal, axial	STIR	Coronal
FSE T2WI	Sagittal, axial	GRE	Sagittal

### FINDINGS:

#### General:

Partial sacralisation of L5 vertebra noted. Normal MR morphology noted in the visualized vertebral bodies, pedicles, facet, spinous and transverse processes. The facet process, facet joints and neural foramina are normal. **Mild straightening of lumbar spine noted.** **Degenerative changes are noted in the form of peridiscal osteophytes.** Both sacroiliac joints appear normal.

The bone marrow shows normal signal for age. The vertebral body endplates are normal.

#### Intervertebral discs:

**L3-4:** Disc desiccation and diffuse bulge is noted causing mild to moderate right neural foraminal narrowing and impingement of right exiting nerve root.

**L4-5:** Disc desiccation, diffuse bulge and left posterolateral protrusion is noted causing severe left and moderate right neural foraminal narrowing and impingement of bilateral exiting and left traversing nerve roots.

#### Visualized dorsal discs:

Normal morphology and signal pattern. No disc bulge/prolapse.

#### Spinal cord and thecal sac:

The visualised lower cord and conus medullaris is normal in size, shape and signal pattern. The roots of cauda equina shows normal pattern. No obvious mass or any other lesion seen within the thecal sac. Spinal cord / conus medullaris is seen to end at D12 level.

No obvious abnormality in the pre and paraspinal regions. The psoas muscles and erector spinae muscles are normal in morphology and signal.

The spinal canal dimensions are within normal range at each level.

#### AP diameter of thecal sac at disc levels:

L1-2 – 13mm, L2-3 – 11mm, L3-4 – 8mm, L4-5 – 6mm, L5-S1 – 10mm.

**IMPRESSION:**

- ❖ L3-4: Disc desiccation and diffuse bulge is noted causing mild to moderate right neural foraminal narrowing and impingement of right exiting nerve root.
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**Dr. Tushar Somwanshi**  
**MD (Radiodiagnosis)**  
**Consultant Radiologist**

(Note: This modality is having its limitations and the report should be correlated with clinical and other relevant patient data)