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|---------------------|-----------------------|-------------------|-----------------|
| <b>Name</b>         | MRS.GUNASUNDARI E     | <b>Patient ID</b> | AS_PBR_MR_23321 |
| <b>Accession No</b> | 23321_262003_04       | <b>Age/Gender</b> | 061Y / Female   |
| <b>Referred By</b>  | MUTHU HOSPITAL (CASH) | <b>Date</b>       | 13-Jul-2026     |

## **MRI- LUMBO-SACRAL SPINE WITH WHOLE SPINE SCREENING**

### **TECHNIQUE:**

T1W, T2W Sagittal    MR Myelogram                      T2W axial  
STIR Coronal – SI joints                                      T2W Sagittal – Whole Spine Screening

### **OBSERVATION:**

**There is old wedge compression fracture of L3 vertebral body with no or minimal retropulsion of fractured segment causing no compression over thecal sac.**

**Degenerative changes are seen in the form of anterior osteophytes & loss of water content of intervertebral discs.**

**There is a diffuse disc bulge at L1-L2,L2-L3,L4-L5 and L5-S1 levels indenting thecal sac without significant compressive neuropathy.**

No evidence of spondylolisthesis or lysis.

The facet joints and neural foraminae are normal.

The ligamentum flavum thickness is within normal limits.

The pedicles, laminae spinous process and transverse process of the lumbar vertebrae show normal morphology.

Lumbar canal AP diameter at L1 to L5 levels:

| Level       | L1-L2 | L2-L3 | L3-L4 | L4-L5 | L5-S1 |
|-------------|-------|-------|-------|-------|-------|
| AP Diameter | 16.0  | 14.8  | 15.7  | 12.4  | 11.5  |

The spinal cord, conus medullaris and the sub arachnoid space are normal.

The nerve roots of the cauda equina appear normal.

The paraspinal soft tissues appear normal.

### **SACROILIAC JOINTS:**

The sacroiliac joints appear normal. No articular surface erosions or edema noted.

### **SCREENING OF CERVICAL SPINE:**

- Degenerative changes in the form of anterior osteophytes and loss of water content of intervertebral discs.

-Posterior disc bulge at C4-C5 level indenting thecal sac and spinal cord without significant compressive neuropathy.

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-Diffuse disc bulge at C5-C6 level causing indentation of thecal sac & spinal cord and B/L C6 nerve roots.

**SCREENING OF DORSAL SPINE:**

-A wedge compression fracture of D11 vertebral body with no or minimal retropulsion of fractured segment causing no compression over thecal sac.  
 - Degenerative changes in the form of anterior osteophytes and mild loss of water content of intervertebral discs.

**IMPRESSION:**

**Clinical Indication: Low back pain.**

**Previous reports available: No**

- The MRI features are suggestive of :
- -Old wedge compression fracture of L3 vertebral body with no or minimal retropulsion of fractured segment causing no compression over thecal sac.
- -Changes of lumbar spondylosis.
- -Diffuse disc bulge at L1-L2,L2-L3,L4-L5 and L5-S1 levels indenting thecal sac without significant compressive neuropathy.

**For report clarifications, Call or WhatsApp us at 7824-860997, or Email us at [reportqueries@aarthiscans.com](mailto:reportqueries@aarthiscans.com).**

**Our team is available from 9:00 AM to 8:00 PM to assist with any queries regarding your report.**

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