



Name : **Mrs. GAYATRI AGARWAL**  
Age/Gender : **031Y / Female**  
Registration ID : **266230000313**  
Ref. By : **Dr SHEETAL KAWADE RAMTEKKAR**  
Patient Id : **3376723**

Registration Date Time : **08-Jan-2026 10:43**  
Study Date Time : **08-Jan-2026 10:58**  
Report Date Time : **08-Jan-2026 13:32**  
Modality : **MR**  
Accn No. : **45663229**

**DEPARTMENT OF RADIOLOGY AND IMAGING SCIENCES**  
**MRI 3T OF LUMBAR SPINE WITH SCREENING OF WHOLE SPINE (PLAIN)**

**History:** C/o lower backache.

**Technique:** Multiplanar, multiecho sequences of lumbar spine with screening of whole spine were performed without contrast.

**Findings:**

**Lumbar spine:**

**At L1-2 and L2-3 levels:** Grade II disc desiccation. No disc bulge. No spinal canal narrowing or nerve root impingement.

**At L3-4 level:** Grade II disc desiccation. No disc bulge. No spinal canal narrowing or nerve root impingement. Bilateral ligamentum flavum hypertrophy.

**At L4-5 and L5-S1 levels:** Grade II disc desiccation. Diffuse symmetrical disc bulge indenting the anterior thecal sac. No spinal canal narrowing. Mild narrowing of bilateral neural foramina causing abutment of bilateral exiting nerve roots.

**Few tiny marginal osteophytes are seen.**

**Schmorl's node are noted in the endplates of L5 and S1 vertebrae.**

**Lumbar canal AP diameter at L1 to L5 levels:**

Level	L1-L2	L2-L3	L3-L4	L4-L5	L5-S1
AP Diameter	16mm	14mm	13mm	11.5mm	11.4mm

Vertebral bodies are normal in height and signal intensity pattern.

Alignment of spine is normal.

Pedicles, laminae and spinous processes are normal.

Visualized spinal cord and conus medullaris are normal.

Both psoas muscles are normal.

**Ill-defined STIR hyperintense patchy signal is noted bilateral sacro-iliac joints (left more than right).**



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**Minimal bilateral sacro-iliac joint effusion.**

**SCREENING OF CERVICAL SPINE:**

Loss of cervical lordosis.

Partial disc desiccation is seen at all cervical inter-vertebral discs.

Diffuse disc bulge abutting the anterior thecal sac at C4-5, C5-6 levels.

Cervical spinal cord appears normal.

CV junction appears normal.

**SCREENING OF DORSAL SPINE:**

Partial disc desiccation is seen at lower dorsal inter-vertebral discs.

Diffuse disc bulge abutting the anterior thecal sac at D5-6, D6-7, D9-10, D10-11 levels.

*T2 hyper intense focal fatty infiltration/hemangioma is seen in D10 and D11 vertebral body.*

Dorsal spinal cord appears normal.

**IMPRESSION:**

- **Early changes of bilateral sacroiliitis (left more than right).**
- **Mild early changes of lumbar spondylosis L4-L5 and L5-S1 levels.**

**For clinical correlation.**



# VIJAYA PH DIAGNOSTIC CENTRE



Years of  
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Aston Plaza, Sr No. 56,62,63 Ambegaon  
Katraj Road, Pune - 411046, Maharashtra

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Dr Prasad Janardan Borkar  
Consultant Radiologist  
MBBS, MD  
2018041135



08th Jan 2026 13:32

Study Sharing Link: <https://tinyurl.com/3xpjk3ew>





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