



RADIOLOGY REPORT



Name :	Mr SURAJUDDIN	Patient ID :	41135401907
Gender / Age :	Male / 21 Years	Registration Date & Time :	29-Nov-2024 12:39
Ref Id :		Receiving Date & Time :	29-Nov-2024 16:23
Bill Location :	Pulse Shyambazar	Report Date & Time :	30-Nov-2024 16:41
Ref By :	Dr. Soura Sekhar Saha MBBS, MS, MRCS		

MRI OF LUMBO-SACRAL SPINE

PROTOCOL :

Plain MRI of lumbo-sacral spine done by taking T1 & T2 weighted sequences in sagittal and axial planes and STIR & GRE sequences in sagittal plane.

FINDINGS :

BONES :

Lumbar lordosis is maintained.

Grade I spondylolisthesis of L5 over S1 noted due to bilateral spondylolysis (breaks in pars interarticularis) in L5.

No evidence of any significant marrow oedema or infiltration seen.

No evidence of any vertebral collapse noted.

No significant facet arthropathy seen.

INTERVERTEBRAL DISCS :

Degenerative disc disease with disc desiccation seen at L5-S1 level.

Mild diffuse posterior disc bulges noted at L4-L5 & L5-S1 levels.

NEURAL FORAMINA:

Mildly compressed bilateral neural foramina seen at L5-S1 level due to spondylolisthesis.

SPINAL CANAL :

Discogenic indentation over anterior thecal sac noted at L5-S1 level however no significant lumbar spinal canal stenosis or cauda equina compression seen.

A - P diameters of available spinal canal at disc levels are as follows –

19.1 mm at L1-L2 disc level,

19.1 mm at L2-L3 disc level,

18.4 mm at L3-L4 disc level,

15.0 mm at L4-L5 disc level &

14.3 mm at L5-S1 disc level respectively.

LIGAMENTS :

Anterior & posterior longitudinal ligaments appear normal. Ligamenta flava are not hypertrophied.

PRE & PARAVERTEBRAL SOFT TISSUES :

No significant abnormality detected.

INCIDENTAL FINDINGS:

- **Mild illdefined type-I marrow signal changes being hyperintense in STIR , noted in bones around both S-I joints -- mild sacroilitis.**



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IMPRESSION :

- Grade I spondylolisthesis of L5 over S1 noted due to bilateral spondylolysis (breaks in pars interarticularis) in L5.
- Degenerative disc disease at L5-S1 level.
- Mild diffuse posterior disc bulges at L4-L5 & L5-S1 levels.
- Features of neural foramina & spinal canal as detailed above.
- Incidental findings as detailed above.

----- End Of Report -----

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Minakshmi Patra Sarkar
Verified BY