

Patient Name : **Mrs. MEENA SINHA**

Age/Gender : 68 years / Female

Ref. Dr. : KIRAN KUMAR L

Req No : **122566**

Req Date : 03 Nov 2019 12:57 PM

Reported On : 04 Nov 2019 11:31 AM

MRI LUMBAR SPINE WITH SCREENING OF WHOLE SPINE

Technique:

T1-T2 Sagittals & Axials, STIR Coronals.

Findings:

Scoliosis of the lumbar spine is seen—convexity to the left. Multiple marginal osteophytes noted.

Degenerative Modic's type II endplate changes are noted at L5-S1 level. There is no marrow edema or pre or paravertebral abnormal soft tissue component.

Lumbar vertebrae are normal in height and signal intensity.

There is no other focal vertebral lesion or marrow edema.

Disc desiccation changes are noted at multiple levels.

Diffuse disc bulge is noted at L3-L4 level causing mild indentation of foraminal components of bilateral L3 nerve roots.

Diffuse disc bulges noted at L4-L5 level causing indentation of bilateral L5 nerve roots.

Diffuse disc bulge is noted at L5-S1 level causing compression of foraminal components of bilateral L5 nerve roots.

No other disc bulges noted.

Generalised facet arthropathy is seen. Mild bilateral ligamentum flavum hypertrophy is noted from L3-L4 to L5-S1 levels. The rest of the ligamentum flava are unremarkable.

The cord is of normal signal intensity. No abnormality is detected in the conus medullaris.

No abnormal pre / paravertebral soft tissue is seen.

Bilateral SI joints show no abnormality.

T2 Sagittal whole spine screening reveals:

Diffuse disc bulges from C3-C4 to C6-C7 levels with possible compression of nerve roots respective levels.

Dorsal spine appears normal. Cervicodorsal cord appears normal.

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IMPRESSION:

*** Lumbar spondylosis with degenerative disc disease.**

*** Diffuse disc bulge at L3-L4 level causing mild indentation of foraminal components of bilateral L3 nerve roots.**

*** Diffuse disc bulge at L4-L5 level causing indentation of bilateral L5 nerve roots.**

*** Diffuse disc bulge at L5-S1 level causing compression of foraminal components of bilateral L5 nerve roots.**

SUGGESTED CLINICAL CORRELATION AND FOLLOW-UP

Dr. Sunitha Lingareddy
Consultant Radiologist

Dr. Praveen Jagarlamudi
Consultant Radiologist

Dr. Vikas Reddy P
Consultant Radiologist

Dr. V. Nageshwar Goud
Consultant Radiologist

Dr. Vidyasagar
Consultant Radiologist

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X-RAY LUMBAR SPINE AP & LATERAL VIEWS
LUMBAR FLEXION VIEW

Straightening of lumbar spine.

Decreased disc space at level L5-S1 level with end plate sclerosis.

Multilevel marginal osteophytes noted.

Mild decreased disc space between L2-L3 with endplate sclerosis and irregularity.

Two radioopaque densities noted in right hypochondral region at level of L1 vertebra - Suggested USG correlation.

Bone density and heights of vertebral bodies are normal.

Rest of the disc spaces, pedicles, neural arches, transverse processes, spinal canal and posterior elements are normal.

Pre and paravertebral soft tissues are normal.

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Dr. Harish V
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