

DEPARTMENT OF RADIOLOGY AND IMAGING

Name: Vansh Gupta	DOB: 14/01/2003
RG No: RG2195655	SEX: M
Ref By: DR.JAGDISH ANANTHARAM	Study Date: 16/04/2023

MRI - Lumbosacral Spine:

Clinical History: Low backache.

Multiplanar plain images of lumbosacral spine were obtained on a 0.4 Tesla open MRI scanner employing various pulse sequences.

Observation:

Loss of normal lumbar lordosis seen. Spondylotic changes noted in L4 vertebra. Schmorl's nodes noted at multiple levels. No facet joint arthropathy is noted. The AP dimensions of bony canal at their mid-vertebral levels are within normal limits.

L4-L5 disc reveals posterocentral protrusion, predominantly towards left side, with minimal compression of left lateral recess, causing neural foraminal narrowing and compressing left sided traversing nerve.

L5-S1 disc reveals posterior disc bulge.

Rest of the intervertebral discs reveal normal signal intensity and disc heights. Their respective nerve root, ganglia and exiting nerves are well visualized with intact perineural fat planes.

Normal signal intensity is noted in the conus medullaris, filum terminale and cauda equina.

The paraspinal musculature is unremarkable.

Impression:

Muscle spasm.

L4-L5 - Posterocentral protrusion, predominantly towards left side, with minimal compression of left lateral recess, causing neural foraminal narrowing and compressing left sided traversing nerve.

L5-S1 - Posterior disc bulge.

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