

**Nova Medical Diagnostic, PC**

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PATIENT: MOHAMMAD BILAL
DOB: 03/12/1997 DOS: 05/18/2021 CHART #: 3567
EXAM: MRI OF THE LUMBAR SPINE WITHOUT CONTRAST

HISTORY: Constant sharp low back pain, stiffness, numbness, difficulty sitting.

TECHNIQUE: Multiplanar MR imaging of the lumbar spine was performed without contrast on Hitachi open MRI unit.

Axial T2; sagittal T1, T2, and STIR images of the lumbar spine were obtained.

COMPARISON: None.

FINDINGS: The alignment and vertebral body height in the lumbar spine is preserved. The signal from the bone is normal. There is no bone marrow edema or bony lesions identified. There is straightening of the lumbar lordosis. Conus medullaris ends at the L1-L2 intervertebral disc level and demonstrates no abnormality.

The signal from the cauda equina is normal.

L1-L2, L2-L3, and L3-L4: No disc bulge or herniation, no spinal stenosis or neural foraminal narrowing.

L4-L5: Broad-based central and bilateral paracentral disc herniation with no associated spinal stenosis or neural foraminal narrowing.

L5-S1: No disc bulge or herniation, no spinal stenosis or neural foraminal narrowing.

IMPRESSION:

L4-L5 BROAD-BASED CENTRAL AND BILATERAL PARACENTRAL DISC HERNIATION WITH NO ASSOCIATED SPINAL STENOSIS OR NEURAL FORAMINAL NARROWING.

Thank you for referring this patient to us.

G. Amachi

Guenadi Amachi, MD
Diagnostic Radiologist
Diplomate, American Board of Radiology

E-Sig By G. Amachi, MD on 05/19/2021 08:01:26