



## Nova Medical Diagnostic, PC

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PATIENT: ADAM BARR  
DOB: 04/15/1976 DOS: 08/17/2021 CHART #: 3634  
EXAM: MRI OF THE LUMBAR SPINE WITHOUT CONTRAST

HISTORY: Low back pain, numbness, difficulty lying down.

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 mild levoscoliosis of the lumbar spine. Paravertebral soft tissues are normal in appearance. Conus medullaris and cauda equina are normal in signal.

L1-L2, L2-L3, L3-L4, and L4-L5: No disc bulge or herniation, no spinal stenosis or neural foraminal narrowing.

L5-S1: Broad-based central and bilateral paracentral disc herniation causing effacement of the anterior aspect of the thecal sac and mild-to-moderate bilateral neural foraminal narrowing.

### IMPRESSION:

1. L5-S1 BROAD-BASED CENTRAL AND BILATERAL PARACENTRAL DISC HERNIATION CAUSING EFFACEMENT OF THE ANTERIOR ASPECT OF THE THECAL SAC AND MILD TO-MODERATE BILATERAL NEURAL FORAMINAL NARROWING.
2. MILD LEVOSCOLIOSIS OF THE LUMBAR SPINE.

Thank you for referring this patient to us.

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

E-Sig By G. Amoachi, MD on 08/18/2021 07:54:12