

DIAGNOSTIC IMAGING REPORT

Name: XXX  
Exam Date: XXX  
Referring Phys: XXX

Accession: XXX  
DOB: XXX  
Sex: XXX

**MRI OF THE LUMBAR SPINE WITHOUT CONTRAST**

**INDICATION:** Work-related injury January 2009. Lower back pain and right hip pain.

**TECHNIQUE:** MRI of the lumbar spine was performed without contrast.

**COMPARISON:** None.

**FINDINGS:**

There is marrow signal alteration at the anteroinferior end plate of L3 that persists on STIR data set, compatible with Modic type I changes due to altered biomechanics or possibly osseous contusion. The appearance is fairly well defined but the persistence on STIR data set would be atypical for a hemangioma. There is straightening of lumbar spine lordosis. There is no evidence of spondylolisthesis. A rudimentary disc space is seen at S1-S2. S1 likely represents a transitional vertebrae. For the purposes of this report, the conus is designated as terminating at approximately L1-L2. Based on this method of numbering, the last full complete disc space is represented by L5-S1.

**FINDINGS AT SPECIFIC LEVELS:**

**L1-L2:** No significant disc bulges or protrusions. No neural foraminal narrowing, central spinal canal stenosis or facet arthropathy.

**L2-L3:** Disc desiccation. No significant disc bulges or protrusions. No neural foraminal narrowing, central spinal canal stenosis or facet arthropathy.

**L3-L4:** Disc desiccation. There is a disc bulge measuring 1 mm. No neural foraminal narrowing, central spinal canal stenosis or facet arthropathy.

**L4-L5:** Disc desiccation. There is a disc bulge measuring 1 mm. There is a central annular tear. There is no significant neural foraminal narrowing or facet arthropathy.

**L5-S1:** Disc desiccation. There is a disc bulge measuring approximately 1 mm. There is bilateral facet arthropathy.

**S1-S2:** Rudimentary disc space. No significant disc bulges or protrusions.

The paraspinal soft tissues are unremarkable.

For the purpose of this report, the term "protrusion" and "extrusion" are considered synonymous with "herniation."

**IMPRESSION:**

1. Disc bulge at L3-L4 measuring 1 mm.
2. Disc bulge at L4-L5 measuring 1 mm. There is a central annular tear.
3. Disc bulge at L5-S1 measuring approximately 1 mm. There is bilateral facet arthropathy.
4. Rudimentary disc space at S1-S2.

Electronically Signed By: XXXX

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