



Patient Name: ASHBURN, TRENTON
Date of Service: 27-Oct-2021 12:10:00 PM
MRN: 8552
Date of Birth: 04-29-1978 Gender: M
Referring Physician: EDWARD HEPWORTH, MD

EXAM: MRI LUMBAR SPINE FLEX/EXT: WEIGHT BEARING

HISTORY: History of total ethmoidectomy, right ethmoid CSF leak & repair in 7/21, multiple cycling crashes in last 10 years. Patient c/o headaches, head pressure, base of skull pain, neck pain and tinnitus for approximately 2 years. Evaluating for further spinal leaks.

Comparison: None

Technique: Axial and sagittal T1 and T2 sequences were obtained. Flexion and extension sagittal T2 sequences were obtained.

Findings:

There is straightening of the lumbar spine with loss of the normal lordosis. The alignment of the lumbar spine is normal and remained stable through flexion and extension. The skeletal structures are of normal signal intensity and appearance. The paravertebral soft tissues are normal. The conus medullaris appears normal. There is no edema in the skeletal structures or soft tissues.

At L1-L2, the normally hydrated intervertebral disc, thecal sac and visualized nerve roots are normal. The neural foramina are patent bilaterally. The facet joints are normal.

At L2-L3, the normally hydrated intervertebral disc, thecal sac and visualized nerve roots are normal. The neural foramina are patent bilaterally. The facet joints are normal.

At L3-L4, there is a 2 mm disc bulge resulting in mild spinal stenosis. The thecal sac and visualized nerve roots are normal. The neural foramina are patent bilaterally. The facet joints are normal.

At L4-L5, there is desiccation of the intervertebral disc with a 2 mm disc bulge and annular fissure. The thecal sac and visualized nerve roots are normal. The neural foramina are patent bilaterally. The facet joints are normal.

At L5-S1, the desiccated intervertebral disc, thecal sac and visualized nerve roots are normal. The neural foramina are patent bilaterally. The facet joints are normal.

There is no spondylolysis or spondylolisthesis.

Flexion and extension views demonstrate no abnormality of alignment.



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Impression:

1. Straightening with loss of normal lordosis.
2. Normal alignment in neutral position remaining stable through flexion and extension.
3. 2 mm disc bulge at L3-L4 resulting in mild spinal stenosis.
4. Desiccation of the L4-L5 intervertebral disc with a 2 mm disc bulge and annular fissure.
5. Desiccation of the L5-S1 intervertebral disc.

Interpreted by:

Electronically Signed: Electronically signed by VAUGHN MARSHALL, MD at 28-Oct-2021
10:39:17 AM
All-American Teleradiology