

Patient Name WALTER SLACK

ProScan Accession 42400018

Exam Date 03/24/2026

Patient DOB 07/30/1940

Referring Physician Edison Valle-Giler MD

Exam Type MR Lumbar Spine w/o Contrast

HISTORY: LOW BACK PAIN; Low back pain, unspecified

TECHNICAL FACTORS: Long- and short-axis fat- and water-weighted images were performed.

COMPARISON: None.

FINDINGS: Vertebra: There is no compression fracture. Heterogeneous marrow signal with multiple T1 hyperintense foci throughout the lumbar vertebrae suggesting fatty marrow changes. No marrow edema. Grade 1 anterolisthesis of L4 on L5 is seen due to underlying facet degenerative changes.

Cord: Conus medullaris terminates at L1 level with normal signal.

Soft tissues: Visualized abdominal and paraspinal soft tissues are unremarkable.

Discs:

At L1-2 level there is normal disc signal and disc height. No disc bulge or herniation. The facet joints are unremarkable. No canal or foramen stenosis.

At L2-3 level mild disc bulge and facet degenerative changes with synovitis is noted. There is mild bilateral foramen stenosis. No central canal stenosis.

At L3-4 level there is moderate disc bulge, facet degenerative changes and facet synovitis. Central canal is patent. There is small central extrusion type disc herniation measuring 16 mm in craniocaudal dimension. There is mild foramen stenosis bilaterally.

At L4-5 level severe loss of disc height and advanced facet degenerative changes with facet hypertrophy is seen with mild bilateral foramen stenosis and mild central canal stenosis.

At L5-S1 level there is loss of disc height and circumferential disc osteophyte complex. Mild bilateral foramen stenosis. No central canal stenosis.


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CONCLUSION:

- 1. L3-4 moderate disc bulge, facet degenerative changes and facet synovitis. Small central extrusion type disc herniation measuring 16 mm in craniocaudal dimension. Mild foramen stenosis bilaterally.**
- 2. L4-5 severe loss of disc height and advanced facet degenerative changes with facet hypertrophy is seen with mild bilateral foramen stenosis and mild central canal stenosis.**
- 3. L5-S1 loss of disc height and circumferential disc osteophyte complex. Mild bilateral foramen stenosis. No central canal stenosis.**

Thank you for the opportunity to provide your interpretation.



RITU SHAH, MD

A: RS 03/25/2026 2:31 PM EST

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