



**BABCOCK UNIVERSITY TEACHING HOSPITAL,
ILISAN-REMO**

RADIODIAGNOSIS DEPARTMENT

Patient's Name: AKANBI SARAH

Scan No: BU/MRI/25/1993

Age: 52yrs

Sex: Female

Clinician:

THORACOLUMBAR SPINE MRI

INDICATION: Severe radiating low back pain & frequent falls x 1year.

TECHNIQUE: MR Imaging examination was done using 1.5 Tesla MRI machine. Images were acquired in the axial, coronal and sagittal planes using the T2 frFSE, T1 FSE, FSE STIR and MYELO sequences.

FINDINGS

There is mild lumbar scoliosis with convexity to the left.

Disc desiccation and loss of disc height at L4/L5.

The vertebral body heights, and posterior elements are normal.

The bones display normal marrow intensities.

LEVEL BY LEVEL ANALYSIS

L1-L2: Normal disc height. No disc bulge seen. The neural foramina are within normal limits. The ligamentum flavum and facet joints appear normal. No significant spinal canal stenosis is seen.

L2-L3: Normal disc height. No disc bulge seen. The neural foramina are within normal limits. The ligamentum flavum and facet joints appear normal. No significant spinal canal stenosis is seen.

L3-L4: Normal disc height. No disc bulge seen. The neural foramina are within normal limits. The ligamentum flavum and facet joints appear normal. No significant spinal canal stenosis is seen.

L4-L5: Mildly reduced disc height with mild diffuse disc bulge indenting on the anterior theca with moderate narrowing of the neural foramina bilaterally. There is mild hypertrophy of the ligamentum flavum and arthrosis of the facet joints with facet joint effusion. Mild spinal canal stenosis is seen.

L5-S1: Normal disc height with mild diffuse disc bulge with mild narrowing of the neural foramina bilaterally. The ligamentum flavum and facet joints appear normal. No significant spinal canal stenosis is seen.

The myelogram shows mild central canal stenosis at L4/L5.

The spinal cord ends at L1 and returns normal signal intensity.

The retroperitoneal organs are within normal limits.

Limited views of the cervical and thoracic spines show no significant disc protrusions.

IMPRESSION

-Mild lumbar scoliosis with disc bulge and neural foramina narrowing at L4/L5 and L5/S1 causing mild central canal stenosis at L4/L5.

-Facet joint arthrosis of L4/L5.

Reporting Radiologist(s):

Date: 23/04/2025


DR. IFONLAJA