# अंबिके
## डायग्नोस्टीकस्
## क्लिनिक

### REPORT

Patient's Name: **MRS.ARUNA MALPANI**          F/ 64 YRS

Referred By:     **SELF**          DATE:     27.6.2018

Examination: -  MRI LUMBAR SPINE (Plain study) with WHOLE SPINE SCREENING

**STUDY TECHNIQUE:** MRI Lumbar spine has been performed using T1 and, T2 weighed, axial and sagittal images and STIR coronal sequences.

**STUDY SHOWS:-**

- As per counting L5 appears to be sacralised
- All lumbar vertebrae shows anterior and posterior osteophytes.
- Anterior leisthesis of L2 over L1
- Wedging of D12,L1 vertebrae without altered signal
- All lumbar disc shows decreased bulk and appears hypointense on T2W images suggestive of disc degeneration.
- There is diffuse circumferential disc protrusion seen at L4-L5 and L2-L3 level along with epidural inhomogenity causing extradural compression over thecal sac and contents and compromise of neural foramen and compression over the exiting nerve root on either side with hypertrophid ligamentum flavum at respective level with moderate narrowing of spinal canal
- There is diffuse postero-lateral disc protrusion seen at L3-L4 level causing extradural indentation over the thecal sac and compression over the exiting nerve root on either side at same level
- There is diffuse posterior protrusion seen at D12-L1,L1-L2 level causing extradural indentation over the thecal sac at same level
- Rest of Lower dorsal cord, conus meduallaries and caudaequina shows normal bulk and signal intensity.
- Prevertebral and paravertebral soft tissue appears normal

(P.T.O.)

- Antero-posterior dimension of bony spinal canal are as follows-
    L2-L3 –9.1mm L3-L4-9.8 mm L4-L5 -6.4mm,.

## IMPRESSION: MRI SCAN OF LUMBAR SPINE SHOWS

- Lumbar Spondylosis
- Anterior leisthesis of L2 over L1
- Wedging of D12,L1 vertebrae without altered signal
- There is diffuse circumferential disc protrusion seen at L4-L5 and L2-L3 level along with epidural inhomogenity causing extradural compression over thecal sac and contents and compromise of neural foramen and compression over the exiting nerve root on either side with hypertrophid ligamentum flavum at respective level with moderate narrowing of spinal canal
- There is diffuse postero-lateral disc protrusion seen at L3-L4 level causing extradural indentation over the thecal sac and compression over the exiting nerve root on either side at same level
- There is diffuse posterior protrusion seen at D12-L1,L1-L2 level causing extradural indentation over the thecal sac at same level
- T2 whole spine screening reveals….
- posterior bulge at C6-C7 and C5-C6 level
- Focal ligamentum flavum noted at C6-C7 level causing indentation over thecal sac posteriorly


Please correlate and further investigate


DR. RAVI SABOO

MD, DNB