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**अंबिके
डायग्नोस्टीकस्
क्लिनिक
REPORT**

- Consultant Radiologist & Sonologist
- Trained in Ultrasonography & Fellow Mediscan Systems, Chennai

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 listhesis 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 inhomogeneity causing extradural compression over thecal sac and contents and compromise of neural foramen and compression over the exiting nerve root on either side with hypertrophied 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 medullaries and cauda equina shows normal bulk and signal intensity.
- Prevertebral and paravertebral soft tissue appears normal

पता : 40/4, अंबिके परिसर, टिळकवाडी, वीर वामनराव चौक, यवतमाल - 445 001 ☎ : (07232) 246888, 329888

अपना खुशिया : मल्टीस्लाइस स्प्राइरल कोल वॉडी ३ डी सी.टी. स्कॅन • हिताची जापान चे कोल वॉडी ओपन MRI •
क्लिनिकचे अमेरिकन 4 डी कोल वॉडी डिजिटल कलर डॉपलर • एक्स-रे • अफा जर्मनी चे डिजिटल
कॉम्प्युटराईज्ड एक्स-रे • डिजिटल मेंमोग्राफी • डिजिटल ओरल पॅनोरोमोग्राफी • सोनोग्राफी • ३ डी
कलर डॉपलर
(P.T.O.)

- PRESSION: MRI SCAN OF LUMBAR SPINE SHOWS

- Lumbar Spondylosis
- Anterior listhesis 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 inhomogeneity causing extradural compression over thecal sac and contents and compromise of neural foramen and compression over the exiting nerve root on either side with hypertrophied 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

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MD, DNB

A handwritten signature in black ink, appearing to be "JQ".

- Sonography is operator dependent & facilities in machine dependent technique, findings may vary with other machine & its operator
- Images cast by X-ray as well as ultrasound depend on various shadows produced by **both abnormal & normal structures**. Shadows of many diseases can look alike, hence many limitations in interpretation of shadows.
- This report is meant to assist referring doctor to have an idea of disease process, if any. **This report is to be co-related clinically** with other laboratory investigations
- The report indicates only one of the various possibilities which is to be confirmed with **further investigations**