

SWAMI VIVEKANANDA DIAGNOSTIC CENTRE

Clinical lab - ECG - Digital X-ray - Ultrasound Scan - Colour Doppler - ECHO - Digital EEG - EMG - Spiral C.T. Scan - MRI Scan



We Serve

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Timings : 7 a.m. to 7 p.m. SUNDAY HOLIDAY. Website : www.lionssvdc.com



SWAMI RANGANATHANANDA MRI SCANS

Name : Mr. KRISHNAPPAN

Age/Sex : 36 Yrs / M

Thanks for your referral.

Ref by : Dr. S. MURTHY

Date : 04-03-20

MRI - LUMBO-SACRAL SPINE

Sequences: Sagittal T1W SE, T2W FSE, & Axial T1W SE, T2W FSE

- ▶ *Loss of lumbar lordosis.* No evidence of spondylolisthesis seen.
- ▶ *Dehydrated discal changes noted involving L3-L4, L4-L5 and L5-S1 discs.*
- ▶ *Sacralisation of L5 vertebra seen.*
- ▶ *Evidence of diffuse disc bulge noted involving L3-L4 disc with indentation of thecal sac.*
- ▶ *Evidence of diffuse central discal herniation noted involving L4-L5 disc with bilateral neural foraminal narrowing and compression of adjacent nerve roots.*
- ▶ *Annulus tear noted.*
- ▶ Rest of the intervertebral discs does not show significant disc bulge / herniation.
- ▶ Vertebral bodies, pedicles, laminae, spinous processes and facet joint articulation appear normal. Normal marrow signal intensity preserved.
- ▶ No evidence of significant primary canal stenosis seen.
- ▶ AP canal diameter:

Disc Levels	L1-L2	L2-L3	L3-L4	L4-L5	L5-S1
Mm	16	17	12	10	10

- ▶ Lower thoracic spinal cord (from D10 vertebral level downwards) and the conus medullaris appear normal.
- ▶ Pre and paravertebral soft tissues appear normal.
- ▶ *Visualised portions of both sacroiliac joints reveal no significant abnormality.*

IMPRESSION:

MRI study of Lumbar Spine shows:

- ❖ Diffuse L3-L4 disc bulge with indentation of thecal sac.
- ❖ Diffuse central L4-L5 discal herniation with bilateral neural foraminal narrowing and compression of adjacent nerve roots.

Dr. S. SIVASUNDAR, DMRD., DNB.,
Consultant Radiologist
REG. No 54765

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