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DIAGNOSTICS Pvt. Ltd.

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CMO Reg. No. RMEE 2445133
NABL Reg. No. MC-2491
Certificate No. MIS-2023-0218

Patient Name	: Mr.VIKRAM PRASAD	Visit No	: CHA250046677
Age/Gender	: 65 Y/M	Registration ON	: 17/Mar/2025 09:32AM
Lab No	**: 10143972**	Sample Collected ON	: 17/Mar/2025 09:32AM
Referred By	: Dr.JAI PRAKASH	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 17/Mar/2025 03:44PM

PR.

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MRI: CERVICAL SPINE

IMAGING SEQUENCES (NCMR)
AXIAL: *T1 & T2 Wis.* ***SAGITTAL:*** *T1 & TSE T2 Wis.* ***CORONAL:*** *T2 Wis*

There is evidence of bony cranio-vertebral junction anomaly in form of occipitalization of atlas, atlanto-axial dislocation (AAD approx. 4.5mm) and basilar invagination. Odontoid process is displaced superiorly and posteriorly. It is indenting cervico-medullary junction with resultant curvature deformity of lower medulla-upper cervical spinal cord. Available canal diameter at foramen magnum is also reduced with compression over cervico-medullary junction and upper cervical spinal cord. Small T2 hyperintense is seen in spinal cord at C2-C3 vertebral levels —— suggestive of myelopathic changes.

Congenital fusion of C2 and C3 vertebra is seen.

Cervical spine is straightened with loss of usual spinal curvature. There is evidence of degenerative changes affecting cervical spine. All the visualized intervertebral discs are dessicated. Vertebrae are also showing degenerative changes in form of anterior osteophytosis at multiple levels.

Disc osteophyte complex is seen at C3-4 level producing mild to moderate compromise of bilateral lateral recesses with moderate extradural compression over thecal sac.

Disc osteophyte complexes are seen at C4-5 and C5-6 levels producing mild compromise of bilateral lateral recesses with mild extradural compression over thecal sac.

Rest of the thecal sac with rest of the spinal cord is normal in signal intensity and configuration.

Pre and para-vertebral soft tissues are normal.

Screening of rest of the spine was done which reveals disc bulges at L4-5 and L5-S1 levels.

IMPRESSION:

- **Degenerative changes affecting cervical spine with disc osteophyte complexes at C4-5 and C5-6 levels**
- **C.V. junction anomaly in the form of occipitalization of atlas, A.A.D. and basilar invagination as described.**

Please correlate clinically.

DR. RAVENDRA SINGH
MD

Transcribed by R R...

***** End Of Report *****

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