

Patient Name	: Mr. VINOD KUMAR	Visit No	: CHA250039768
Age/Gender	: 39 Y/M	Registration ON	: 05/Mar/2025 12:48PM
<b>Lab No</b>	<b>: 10137063</b>	Sample Collected ON	: 05/Mar/2025 12:48PM
Referred By	: Dr. ESIC HOSPITAL LUCKNOW	Sample Received ON	:
Refer Lab/Hosp	: ESIC HOSPITAL LUCKNOW	Report Generated ON	: 05/Mar/2025 07:40PM

## **CEMRI: BRAIN WITH INNER EAR**

### **IMAGING SEQUENCES (CEMR)**

**AXIAL:** DIFF, T1, TIRM & TSE T2 Wis. **SAGITTAL:** T2 Wis. **CORONAL:** TIRM Wis.

**Post Contrast: T1 sagittal, axial & coronal**

Few tiny T2 and TIRM hyperintensities are noted in the subcortical white matter of bilateral frontal lobes — Ischemic demyelinating changes.

Rest of the cerebral hemispheres show normal MR morphology, signal intensity and gray - white matter differentiation. The basal nuclei, thalami and corpus callosum are showing normal signal intensity pattern. Both lateral ventricles and third ventricle are normal in size shape and outline. Septum pellucidum and falx cerebri are in midline. No mass effect or midline shift is seen. Supratentorial sulcal and cisternal spaces are normally visualized. No abnormal post contrast enhancement is seen.

Brain stem and cerebellar hemispheres are showing normal morphology, signal intensity and outline. Fourth ventricle is normal in size and midline in position.

Major intracranial dural venous sinuses are showing normal outline and flow void.

Sella, supra-sellar and para-sellar structures are normally visualized.

Bilateral, lateral, posterior and superior semicircular canals are normally visualized. Cochlear turns are adequate and comparable on both the sides. Bilateral endolymphatic sacs, utricle and saccule are normally visualized. No obvious inner ear abnormality could be visualized.

Bilateral C-P angle cisterns and VII / VIII nerve complexes are normal.

Internal auditory meati are bilaterally symmetrical.

## **IMPRESSION**

- **Ischemic demyelinating changes in subcortical white matter of bilateral frontal lobes.**

Please correlate clinically.

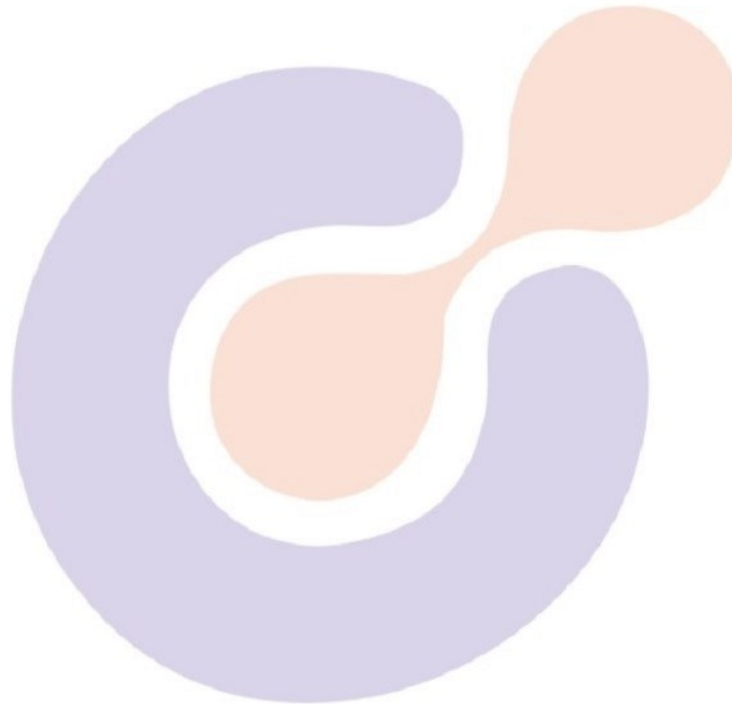
**DR. RAVENDRA SINGH**  
**MD**

Typed by Ranjeet



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



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