Charak dhar
DIAGNOSTICS Pvt. Ltd.

292/05, Tulsidas Marg, Basement Chowk, Lucknow-226 003
Phone : 0522-4062223, 9305548277, 8400888844
9415577933, 9336154100, **Tollfree No.**: 8688360360
E-mail : charak1984@gmail.com
CMO Reg. No. RMEE 2445133
NABL Reg. No. MC-2491
Certificate No. MIS-2023-0218

Patient Name	: Ms.INDU TALWAR	Visit No	: CHA250035446
Age/Gender	: 69 Y/F	Registration ON	: 27/Feb/2025 12:50PM
Lab No	**: 10132742**	Sample Collected ON	: 27/Feb/2025 12:55PM
Referred By	: Dr.MONICA BISHNOI**	Sample Received ON	: 27/Feb/2025 01:01PM
Refer Lab/Hosp	: CGHS (BILLING)	Report Generated ON	: 27/Feb/2025 02:24PM
Doctor Advice	: NA+K+,VIT B12,MRI BRAIN		

PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
VITAMIN B12				
VITAMIN B12	586	pg/mL	180 - 814 Normal 145 - 180 Intermediate 145.0 Deficient pg/ml	CLIA

Summary :-

Nutritional & macrocytic anemias can be caused by a deficiency of vitamin B12. This deficiency can result from diets devoid of meat & bacterial products, from alcoholism or from structural / functional damage to digestive or absorpative processes. Malabsorption is the major cause of this deficiency.

[Checked By]

Print.Date/Time: 27-02-2025 17:20:32
*Patient Identity Has Not Been Verified. Not For Medicolegal

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADAB
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
NA+K+				
SODIUM Serum	**129.0**	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.6	MEq/L	3.5 - 5.5	ISE Direct

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

MC-2491

[Checked By]

Print.Date/Time: 27-02-2025 17:20:34

*Patient Identity Has Not Been Verified. Not For Medicolegal

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Referred By	: Dr.MONICA BISHNOI**	Sample Received ON	:
Refer Lab/Hosp	: CGHS (BILLING)	Report Generated ON	: 27/Feb/2025 04:44PM

PR.

MRI: BRAIN

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

Cortical sulci are seen mildly prominent in both cerebral hemispheres with prominence of bilateral lateral and third ventricle– Mild diffuse cerebral atrophy.

Small T2 and TIRM hyperintensities are noted in the periventricular white matter in both cerebral hemispheres —– Mild 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. Septum pellucidum and falx cerebri are in midline. No mass effect or midline shift is seen. Supratentorial sulcal and cisternal spaces are normally visualized.

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.

IMPRESSION:

- **Mild diffuse cerebral atrophy with ischemic demyelinating changes.**

Please correlate clinically.

DR. RAVENDRA SINGH
MD

Transcribed by Priyanka…

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