

Patient Name : Mr.PANKAJ KUMAR TIWARI Visit No : CHA250047206
Age/Gender : 56 Y/M Registration ON : 17/Mar/2025 02:20PM
Lab No : 10144501 Sample Collected ON : 17/Mar/2025 02:20PM
Referred By : Dr.NORTHERN RAILWAY Sample Received ON :
Refer Lab/Hosp : NORTHERN RAILWAY LKO Report Generated ON : 17/Mar/2025 06:03PM

MRI: BRAIN

IMAGING SEQUENCES (NCMR)

AXIAL: SWI, DWI, T1, FLAIR & TSE T2 Wis. **SAGITTAL:** T2 Wis. **CORONAL:** FLAIR Wis.

Moderate size [approx. 26 (vertical) x 23 (A.P) x 24mm (Trans)] well defined lobulated space-occupying lesion is seen in sellar-suprasellar region. The lesion appears heterogenously hyperintense on T2/TIRM & iso to hypointense on T1 Wis. Pituitary gland is not separately visualized. The lesion is showing few cystic components. Suprasellar part of the lesion is compressing optic chiasma, hypothalamus & floor of third ventricle. Small left parasellar extension is seen abutting left cavernous sinus. No retrosellar extension is seen.

VP shunt is seen in situ in bilateral temporo-parietal region. Bilateral lateral ventricles are mildly prominent & deformed.

Cortical sulci are seen prominent in both cerebral hemispheres – Diffuse cerebral atrophy.

T2 and TIRM hyperintensities are noted in the periventricular white matter in both cerebral hemispheres — Ischemic demyelinating changes. No fresh infarct is seen on DWI. Thinning of posterior body & splenium of corpus callosum is seen.

Few old lacunar infarcts are seen in bilateral ganglio-capsular region.

Few petechial hemorrhages are seen in left fronto-temporal lobes & bilateral basal ganglia.

Rest of the cerebral hemispheres show normal MR morphology, signal intensity and gray - white matter differentiation.

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.

IMPRESSION

Follow up operated case of pituitary macroadenoma showing

- **Moderate size well defined lobulated space-occupying lesion in sellar-suprasellar region with features as described - ? recurrent lesion.** adv: contrast study.
- **Diffuse cerebral atrophy with old lacunar infarcts and Ischemic demyelinating changes as described.**

Please correlate clinically.

DR. RAVENDRA SINGH
MD

Typed by Ranjeet



Patient Name	: Mr.PANKAJ KUMAR TIWARI	Visit No	: CHA250047206
Age/Gender	: 56 Y/M	Registration ON	: 17/Mar/2025 02:20PM
Lab No	: 10144501	Sample Collected ON	: 17/Mar/2025 02:20PM
Referred By	: Dr.NORTHERN RAILWAY	Sample Received ON	:
Refer Lab/Hosp	: NORTHERN RAILWAY LKO	Report Generated ON	: 17/Mar/2025 06:03PM

*** End Of Report ***

