







DEPARTMENT OF RADIOLOGY

Patient ID:	MGMNM0000701818.	Patient Name:	SATVIKI PATIDAR
Age:	6 Years	Sex:	F
Accession Number:		Modality:	MR
Referring Physician:	Dr.Roopesh Kumar V R	Study:	BRAIN WITH CONTRAST (POST OP)
Study Date:	23-Apr-2025		

MRI BRAIN WITH CONTRAST

CLINICAL HISTORY: Status post left pterional craniotomy (POD 1), K/C/O gangliocapsular low grade glioma.

PROTOCOL

DWI, SWI, ASL perfusion T2 Axial, sagittal and coronal, T1 Axial and 3D FLAIR, FFE Post contrast 3D T1 and T1 axials

FINDINGS:

Status post left pterional craniotomy with post op scalp changes and small extra-axial hematoma along left anterior temporal convexity (maximaum thickness ~ 3.5 mm) is noted.

Left medial temporal lobectomy is noted with resection cavity measuring 1.6 x 3.4 x 1.8 cm, filled with fluid and peripheral hemorrhagic residue.

There is well defined lobulated homogenous T2 FLAIR hyperintense residual lesion epicentered in left capsulothalamic region with areas of patchy nodular enhancement.

The lesion extends, anterosuperiorly till the caudothalamic groove, medially to the massa intermedia and posteroinferiorly along left cerebral peduncle, periaquedutal region and cranial midbrain; anteroinferiorly it involves the left basifrontal cortex and inferiorly the hypothalamus , optic chiasm , anterior commisure, mamillary bodies, intracanalicular and cranial part of right optic nerve.

The major bulk of the tumor remains same except for the resected medial temporal lobe. Lesion causes mass effect in the form of mild midline shift to right of 3.0 mm.

Subtle leptomeningeal ehancement noted over brainstem extending along cervical cord.









CN 4063 H-2021-076

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The cavernous sinuses and the internal carotid arteries are normal. The superior, middle and inferior cerebellar peduncles are normal. The cerebellar vermis and the cerebellar hemispheric parenchyma reveal no significant abnormality.

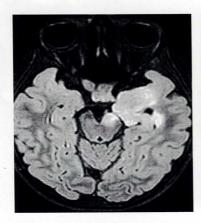
The internal auditory canals and their contents are normal. Paranasal sinuses appear normal.

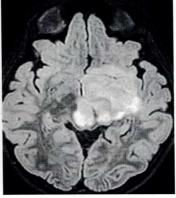
IMPRESSION:

Compared to the previous pre-operative MRI dated 21.04.2025, the present post-op scan shows,

- Status post left pterional craniotomy with post op scalp changes and small extraaxial hematoma along left anterior temporal convexity.
- Left medial temporal lobectomy with resection cavity filled with fluid and peripheral hemorrhagic residue.
- Major bulk of the tumor remains same except for the resected medial temporal lobe.
- Minimal increase in the midline shift (3mm, previously 1.6 mm).

PRE OP:





POST OP:









CN 4063

H-2021-0768

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