



TATA MEMORIAL CENTRE

TATA MEMORIAL HOSPITAL

Dr. Ernest Borges Marg, Parel, Mumbai – 400012, India.
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DIAGNOSTIC SERVICES – DEPARTMENT OF PATHOLOGY

Case No. : **11E2025/003838** Req No. : **FZZSP25030178** Path No. : **021905/DA**

Name: **Ms. SATVIKI PATIDAR**

Gender/Age: **F / 6 years**

Category: **F**

DMG: **DMG - NEURO ONCOLOGY**

FINAL HISTOPATHOLOGY REPORT

12/06/2025

Nature of Material Received: 2 Paraffin block[25H-3681,A1,256H01322,A]

Microscopic Description:

Left thalamopeduncular SOL (2 paraffin blocks):

Fragments of cortical brain parenchyma, shows diffusely infiltrating glial tumour with moderate degree of cellularity and astrocytic morphology.

Nuclear pleomorphism seen but no definite mitoses identified.

No foci of microvascular proliferation and/or necrosis seen.

No calcification seen.

On immunohistochemistry, the tumour shows retained pattern of staining for ATRX protein and shows underexpression of H3K27me3 protein; the tumour is positive for olig2, MTAP, many of the cells show positivity for p16 protein, and few cells show positivity for p53 protein (this pattern of p53 protein staining is consistent with TP53-wildtype); the tumour is negative for IDH1R132H, H3K27M and EZHIP. MIB-1 labeling index is approximately 3-5% in the highest proliferating areas.

Impression:

- **Thalamic (left) / left thalamopeduncular SOL (two paraffin blocks) :**
- **Infiltrating glial tumor, see comment**

Comment: The represented features are of diffusely infiltrating astrocytic tumour, no definite areas of high grade morphology identified in the sections examined. The overall represented features are of diffuse (diffusely infiltrating) glioma, NOS, (these features are unusual for the age of the age and a definite CNS WHO grade cannot be assigned).

Dr. Disha Bilala
Resident Pathologist
Entered by : Mangesh Bali

Dr. Sridhar Epari
Consultant Pathologist

END OF REPORT



The report relates only to the sample submitted.
All slides and blocks submitted for evaluation will be retained by the hospital for 10 years and 20 years respectively.
This report has been electronically verified and authorized for release.



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12/06/2025

Requisition Date/Time: 30-05-2025 / 11:18:50
Receiving Date/Time: 30-05-2025 / 12:03:21
Provisional Date/Time: 04-06-2025 / 10:34:25
Committing Date/Time: 12-06-2025 / 09:56:54



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