

Final Report

Histopathology



Name : Baby Satviki Patidar
Age / Gender : 6Y, 9M, 19D / Female
Referred by : Dr.Roopesh Kumar V. R.
MR No. : CP125000800

Sample No. : CP1H25003681
Collected on : 23/04/2025 02:09:39 PM
Reported on : 05/05/2025 06:50:46 PM

Nature of specimen : Biopsy from a large left thalamopeduncular space occupying lesion

GROSS APPEARANCE :

No. of containers received: 1

Specimen in formalin: Yes

Grossed by: Dr. Mayur

Received four soft tissue bits measuring approximately 1.8 x 1.3 x 0.4 cm. Submitted entirely in two paraffin blocks, labeled as A1 & A2.

MICROSCOPIC APPEARANCE :

The sections show a glial tumor of astrocytic morphology.

The tumor shows increased cellularity and nuclear pleomorphism.

Mitotic activity is inconspicuous.

There are thin walled proliferating blood vessels. However, there is no definite microvascular proliferation seen.

Necrosis is not seen.

On immunohistochemistry, the tumor cells express Olig-2 while they are negative for IDH1R132H. ATRX protein and H3K27me3 expression is retained.

P53 protein expression of variable intensity is seen in approximately 15% of tumor cells.

The Mib-1 labeling index is 1-2%.

IMPRESSION :

Biopsy from a large left thalamopeduncular space occupying lesion:-

Diffuse low grade paediatric type glioma (CNS grade 2).

Please obtain molecular testing for further subtyping.

-----End of Report-----



Smita Gosavi
Typed By

Dr. Anita Borges
MD, FRCPATH

Partial reproduction of this report is not permitted. This report relates to the sample received by the laboratory.

Dr. Anita Borges | Dr. Vinita Pant | Dr. Shilpa Prabhudesai | Dr. Vinita Pandey | Dr. Rakesh Demde | Dr. Ashish Shah

Centre for Oncopathology (A unit of Tata Cancer Care Foundation)

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Tata Cancer Care Foundation was formerly known as Alamelu Charitable Foundation | CIN: U85310AP2017NPL105898

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