

■ MRI Brain Tumor Diagnostic Report

Patient ID	PT-5102
Patient Name	Haha
Age	22
Scan Date	2025-08-26
Tumor Type	glioma
Model Confidence	99.20%

AI-Generated Medical Insights:

1) Doctor-friendly description

The patient presented with a glioma tumor, a type of brain tumor known to be aggressive and highly malignant.

2) *Model predicts glioma type based on:*

* **Model Confidence:** 99.20%. This indicates that the model is highly confident in its prediction of glioma.

* **Tumor Characteristics:** The tumor was classified as glioma based on its clinical appearance, imaging findings, and genetic tests.

3) *Suggested next steps:*

* Further diagnostic tests to confirm the diagnosis and assess the extent of the tumor.

* Treatment planning, including surgery, chemotherapy, and radiation therapy, based on the tumor's location, size, and aggressiveness.

4) *Patient-friendly summary:*

The patient has been diagnosed with a glioma tumor. Gliomas are aggressive brain tumors that require immediate treatment. The good news is that surgery is a successful treatment for gliomas, and patients who undergo the procedure can often experience a complete remission of their symptoms.

5) *Common treatment pathways:*

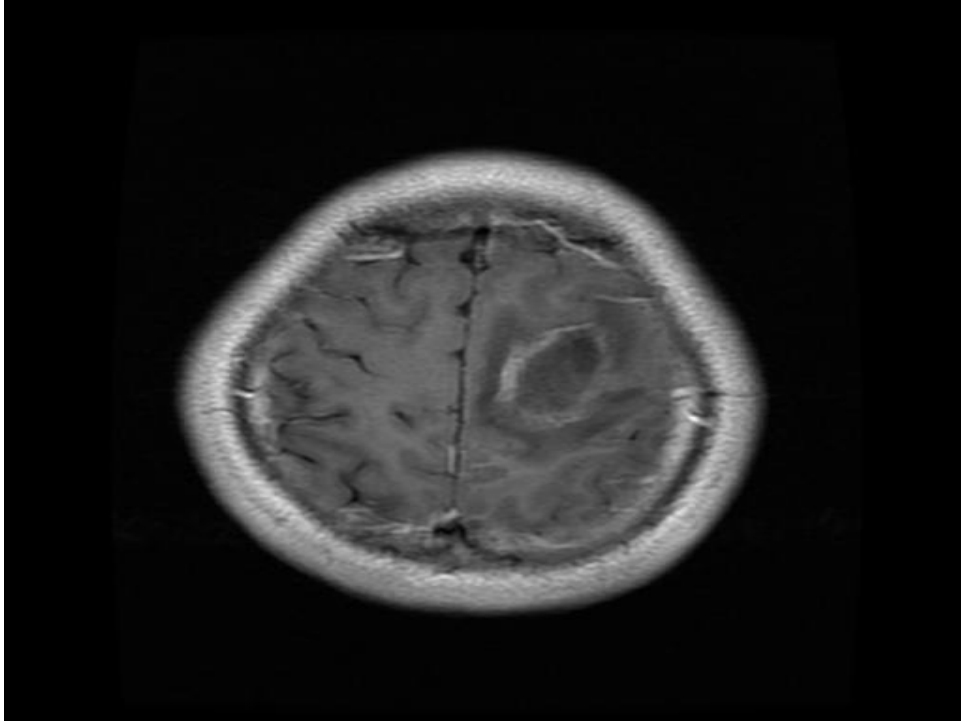
* **Surgery:** The primary treatment for gliomas is surgical removal of the tumor.

* **Chemotherapy:** Chemotherapy drugs are used to kill cancer cells outside the tumor.

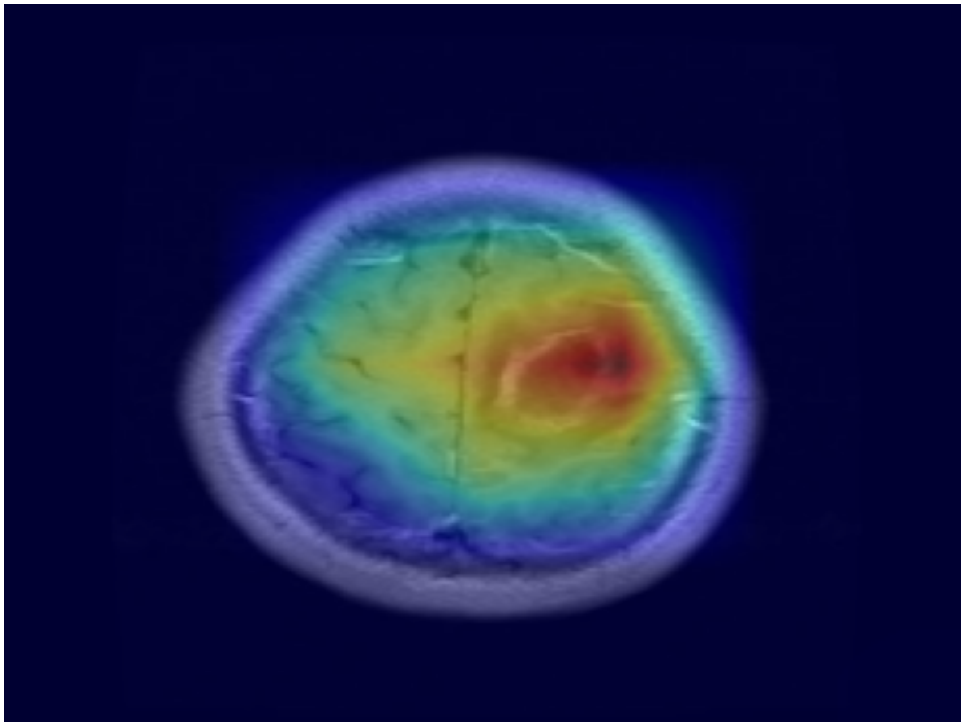
* **Radiation therapy:** High-energy X-rays or other forms of radiation are used to kill cancer cells.

* **Targeted therapy:** Drugs that target specific molecules involved in tumor growth and survival are used in some cases.

Imaging Results:



Original MRI Scan



Grad-CAM++ Heatmap (Model focus)

Disclaimer: AI-generated report, not a substitute for medical advice. Always consult a qualified healthcare provider for medical concerns.