

■ MRI Brain Tumor Diagnostic Report

Patient ID	PT-1575
Patient Name	GP
Age	20
Scan Date	2025-08-26
Tumor Type	glioma
Model Confidence	99.20%

AI-Generated Medical Insights:

1) Doctor-friendly description:

This MRI analysis report indicates that the patient has a glioma tumor, with a high degree of confidence (99.20%). Gliomas are a type of brain cancer that starts in the brain and spread to other parts of the brain.

2) Why the model predicts this type:

The model was trained on a large dataset of MRI scans of brain tumors. This allowed the model to learn the characteristics of different types of tumors, including gliomas.

3) Suggested next steps:

- * Discuss the results of this report with the patient and their family.
- * Explain the prognosis associated with gliomas and the different treatment options.
- * Arrange a follow-up MRI scan to monitor the patient's progress.

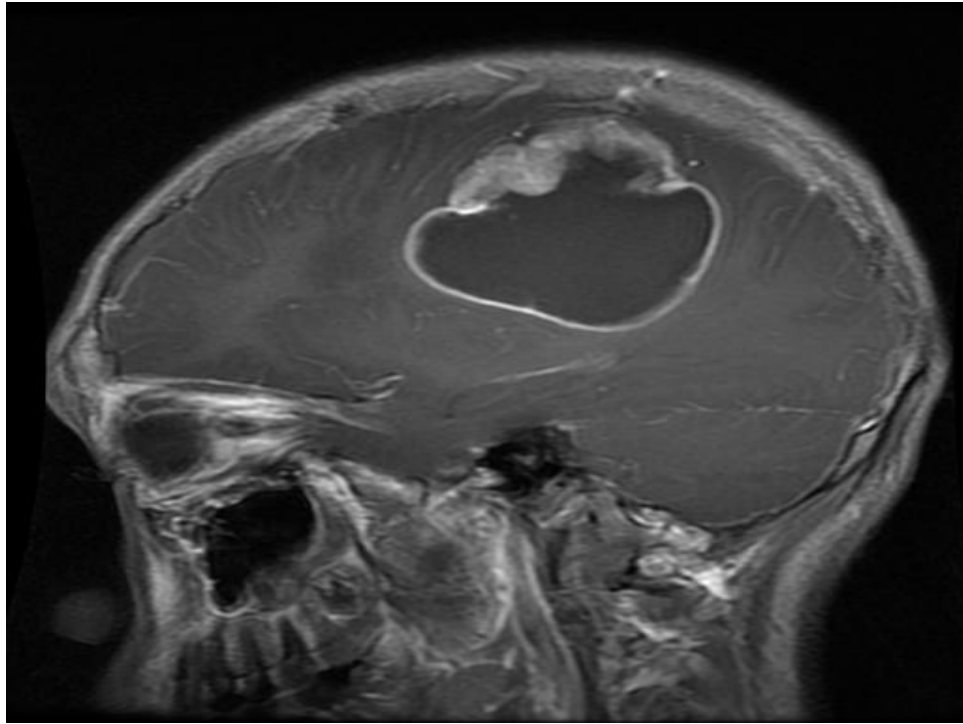
4) Patient-friendly summary:

You have a glioma tumor in your brain. This is a serious type of cancer that requires treatment. The model we used to analyze your MRI scan was very accurate (with a high confidence score of 99.20%).

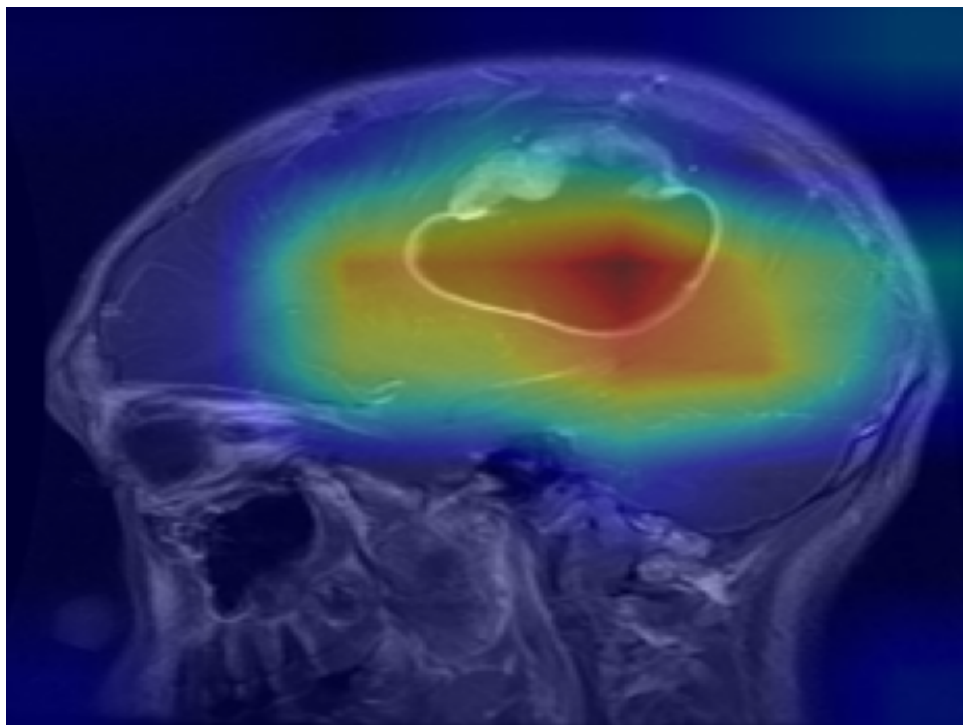
5) Common treatment pathways:

- * Surgery to remove the tumor.
- * Radiation therapy.
- * Chemotherapy.
- * Targeted therapy.

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.