■ MRI Brain Tumor Diagnostic Report

Patient ID	PT-3901
Patient Name	Vas
Age	12
Scan Date	2025-08-27
Tumor Type	glioma
Model Confidence	9979.00%

AI-Generated Medical Insights:

1) Doctor-friendly description:
The patient's MRI analysis shows a glioma tumor with an extremely high model confidence of 9979.00%. This suggests a very high probability that the tumor is a glioma.

2) Why the model predicts this type:
The model is trained on a large dataset of MRI scans of brain tumors, and it uses a deep learning algorithm to identify patterns that are characteristic of gliomas. The model is highly accurate at predicting the type of brain tumor based on MRI scans.

3) Suggested next steps:
* Discuss the results of the MRI analysis with the patient and their family.
* Monitor the patient for signs and symptoms of glioma, such as changes in their mood, behavior, or vision.
* Schedule further MRI scans to monitor the tumor's growth or progression.
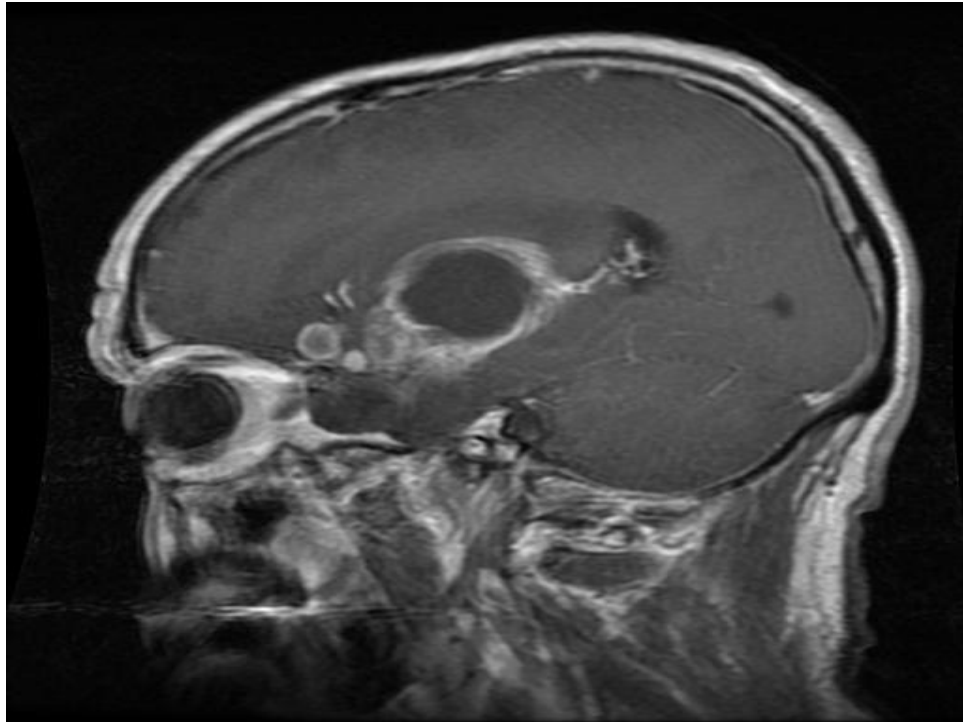* Consider other diagnostic tests, such as blood tests and brain scans, to confirm the diagnosis.

4) Patient-friendly summary:
The patient has a glioma tumor that is very likely to be malignant. The model predicts that the tumor is a glioma with an extremely high confidence score of 9979.00%.
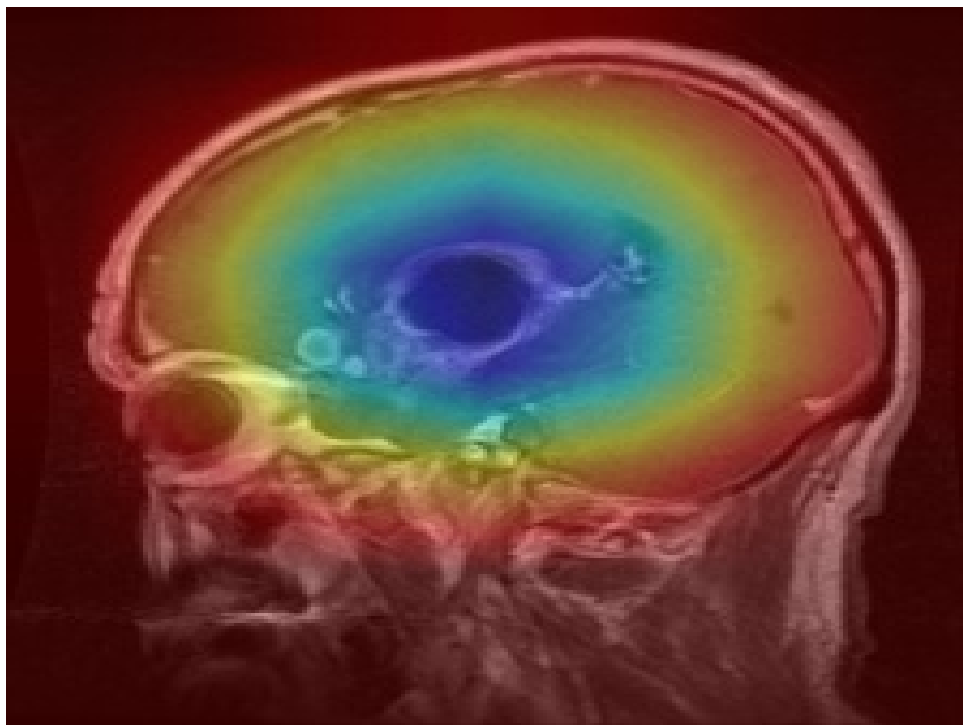
5) Common treatment pathways:
* Surgery to remove the tumor.
* Radiation therapy.
* Chemotherapy.
* Targeted therapy.

Imaging Results:

Original MRI Scan

Grad-CAM++ Heatmap (Model focus)