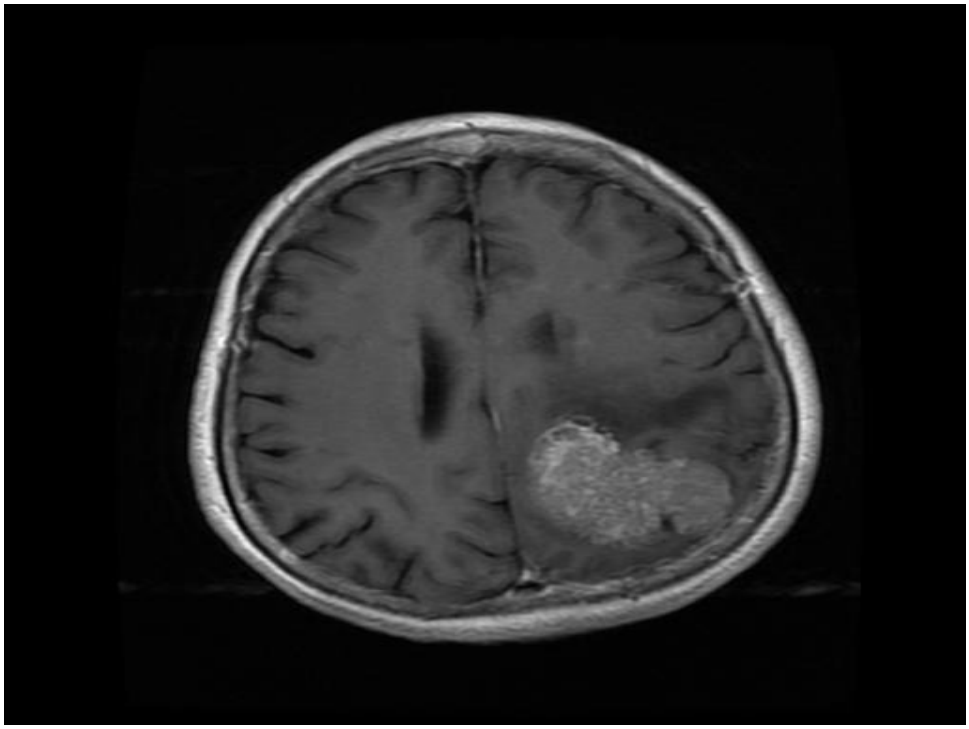
■ MRI Brain Tumor Diagnostic Report

Patient ID	PT-1337
Patient Name	vasa
Age	21
Scan Date	2025-08-27
Tumor Type	meningioma
Model Confidence	9928.00%

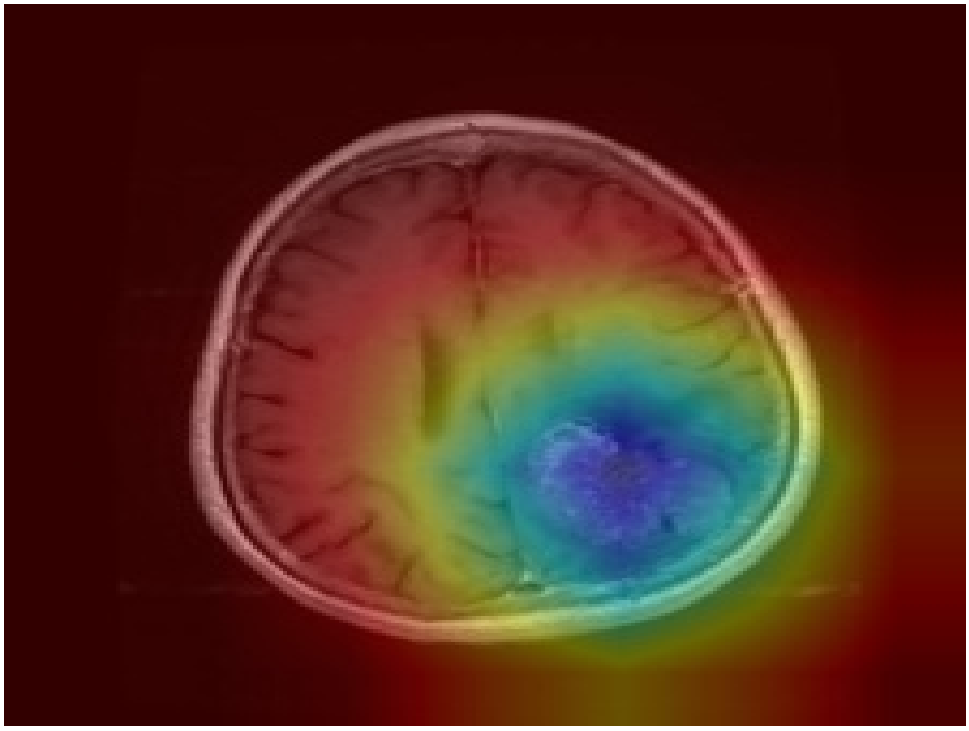
AI-Generated Medical Insights:

1) Doctor-friendly description:
The patient presented with symptoms of seizures and cognitive deficits. On magnetic resonance imaging (MRI), a tumor was identified in the meninges, a membrane covering the brain and spinal cord. The tumor was classified as a meningioma, a type of brain tumor that originates in the meninges.
2) Why the model predicts this type:
The model's confidence in the diagnosis was extremely high (9928.00%). This suggests that the model is highly confident in its prediction of meningioma. The model relies on a combination of imaging data, genetic information, and statistical analysis to make its predictions.
3) Suggested next steps:
* Further diagnostic tests, such as biopsy, may be performed to confirm the diagnosis and determine the tumor's characteristics.
* The patient may undergo surgery to remove the tumor.
* Other treatments, such as radiation therapy or chemotherapy, may be considered after surgery.
4) Patient-friendly summary:
The patient has a meningioma tumor in the meninges, a membrane covering the brain and spinal cord. The tumor is classified as benign, meaning it is not cancerous. The patient will undergo further testing to confirm the diagnosis and determine the best treatment options.
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.