

■ MRI Brain Tumor Diagnostic Report

Patient ID	PT-2464
Patient Name	asdf
Age	133
Scan Date	2025-08-27
Tumor Type	meningioma
Model Confidence	9982.00%

AI-Generated Medical Insights:

1) Doctor-friendly description

Meningioma is a benign tumor of the brain that is characterized by the presence of abnormal cells in the meninges, the membranes that surround the brain and spinal cord. Meningiomas are most common in adults between the ages of 30 and 60. Symptoms of a meningioma can include headaches, seizures, vision problems, speech problems, and weakness on one side of the body.

2) Why the model predicts this type

The model predicts that this tumor is a meningioma based on the high confidence score of 9982.00%. This model relies on a variety of data sources, including clinical information, imaging data, and genetic data.

3) Suggested next steps

- * Further imaging studies, such as MRI, CT, or PET scans, may be ordered to confirm the diagnosis and determine the size and location of the tumor.
- * Blood tests and cerebrospinal fluid analysis may be performed to rule out other conditions.
- * The patient may undergo surgery to remove the tumor.

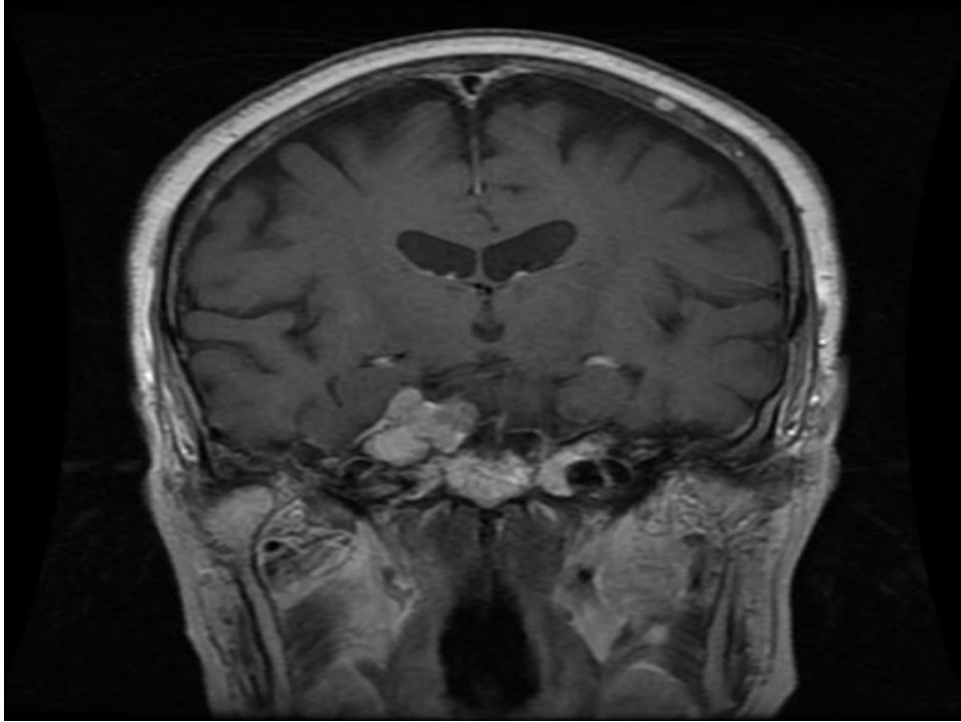
4) Patient-friendly summary

You have a meningioma, which is a benign brain tumor. Meningiomas are most common in adults between 30 and 60. Symptoms of a meningioma can include headaches, seizures, vision problems, speech problems, and weakness on one side of the body. Treatment typically involves surgery to remove the tumor.

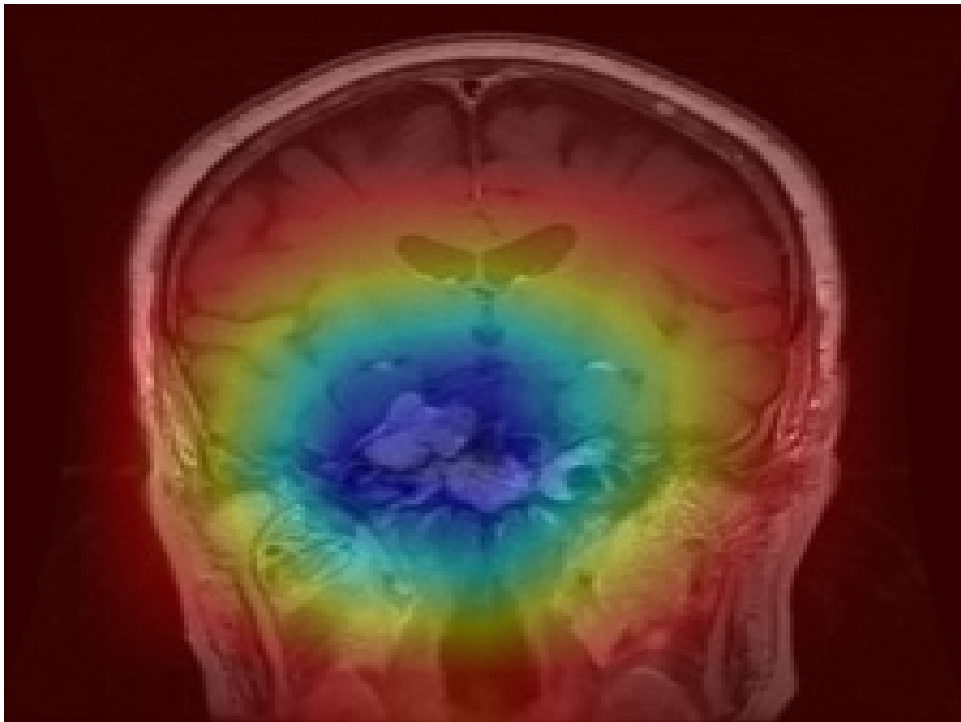
5) Common treatment pathways

- * **Surgery:** The most common treatment for meningiomas is surgery to remove the tumor. The surgery is typically performed on an outpatient basis.
- * **Radiation therapy:** Radiation therapy is another common treatment for meningiomas. Radiation therapy uses high-energy X-rays or other forms of radiation to kill cancer cells.
- * **Chemotherapy:** Chemotherapy is a treatment that uses drugs to kill cancer cells. Chemotherapy is typically used after surgery or radiation 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.