# ■ MRI Brain Tumor Diagnostic Report

| Patient ID | PT-4556 |
|---|---|
| Patient Name | vasd |
| Age | 12 |
| Scan Date | 2025-08-27 |
| Tumor Type | meningioma |
| Model Confidence | 9906.00% |

## AI-Generated Medical Insights:

1) Doctor-friendly description.
* Meningioma is a benign or malignant growth in the brain.
* It is the most common primary brain tumor.
* Meningioma can be located anywhere in the brain, but most commonly in the temporal lobe.
* Imaging techniques such as MRI are used to diagnose meningioma.
2) Why the model predicts this type.

 *The model predicts this type of tumor based on various factors, including:*

* Patient's age and gender
* Symptoms
* Imaging findings
* Tumor location and characteristics
3) Suggested next steps.
* Further diagnostic tests, such as MRI, CT, or biopsy, may be needed to confirm the diagnosis and determine the extent of the tumor.
* The patient may also undergo surgery to remove the tumor.
4) Patient-friendly summary.
* You have a meningioma, which is a tumor in your brain.
* Meningioma is usually benign and won't spread (metastasize).
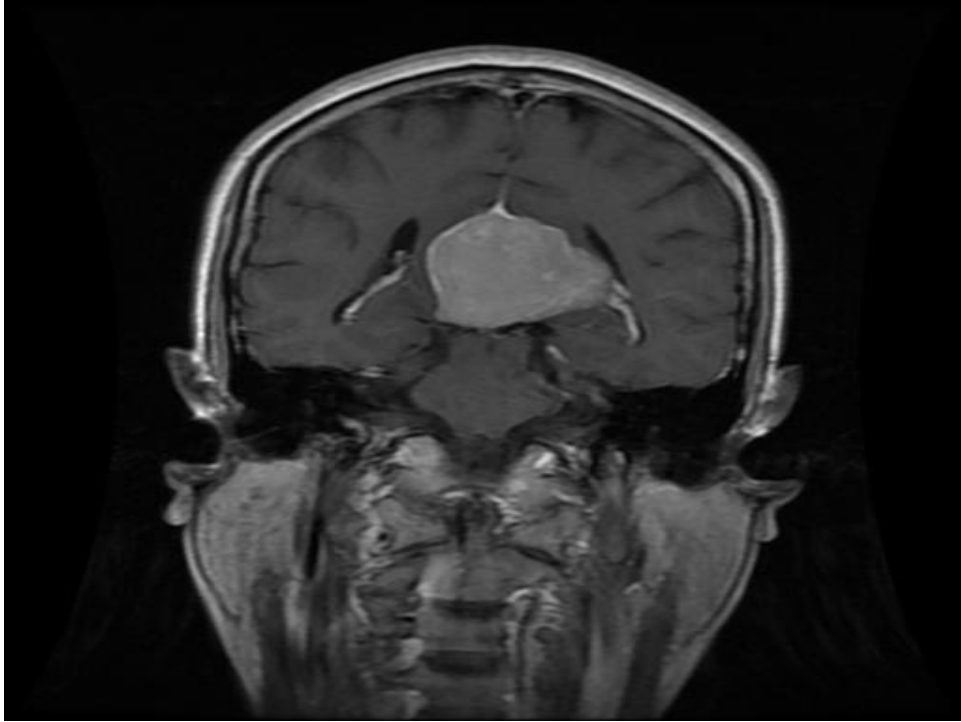* Treatment options include surgery to remove the tumor and supportive care.
5) Common treatment pathways.
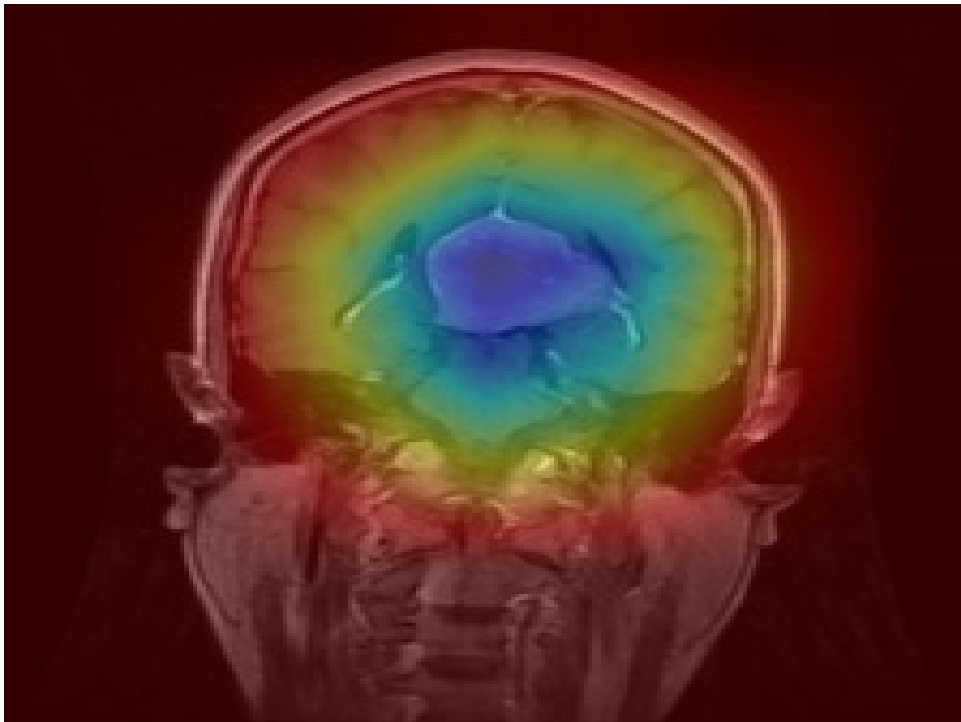* Surgery to remove the tumor is the most common treatment for meningioma.
* Other treatment options include radiation therapy, chemotherapy, and targeted therapy.
* The specific treatment plan will depend on the individual patient's condition.

## 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.