



AI Diagnostic Report

Disease Module: Brain | Prediction: meningioma

Summary Findings

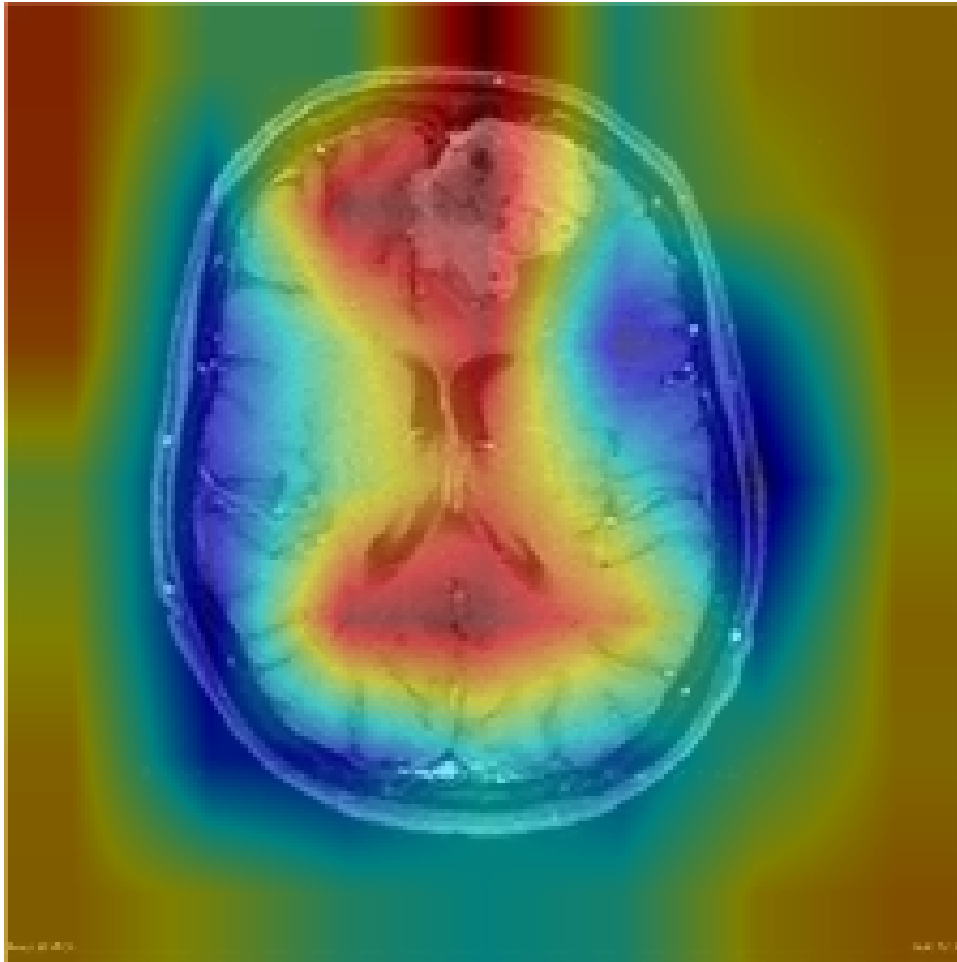
Condition evaluated	Brain
Prediction label	meningioma
Estimated probability	99.81 %

Clinical Context

This section summarises the model’s interpretation of your brain MRI slice, including whether the pattern resembles common tumor types such as glioma, meningioma or pituitary lesions. Final decisions must always be made by a neurologist or neurosurgeon.

Model Evidence & Feature Analysis

Imaging Focus Map (Grad-CAM)



The Grad-CAM map highlights regions of the image that contributed most strongly to the model's decision. Bright or warm colours often indicate regions with higher influence.

AI-Generated Advisory

Clinical Interpretation:

The MRI appearance corresponds to a meningioma pattern, often slow-growing and arising from the meninges. Estimated model confidence: 100%. This is only an AI-assisted interpretation and requires clinical correlation.

Recommended Follow-ups:

- Review MRI findings with a neurologist or neurosurgeon.
- Consider follow-up imaging for progression monitoring.
- Report headaches, visual symptoms, seizures, or new weakness promptly.

General Care Tips:

- Maintain regular sleep and hydration.
- Avoid smoking and alcohol.
- Engage in stress-reduction practices such as light exercise.

Important Notes

This report was generated by an AI-based clinical decision-support system. The outputs are probabilistic estimates and pattern interpretations based on the data you provided and model training datasets. They do NOT constitute a diagnosis. All decisions about investigations, treatment and follow-up must be made by a licensed healthcare professional who can review your full medical history, examination findings and additional test results. If you have concerning or rapidly worsening symptoms, seek urgent medical care regardless of the values shown in this report.