



# AI Diagnostic Report

Disease Module: Brain | Prediction: pituitary

## Summary Findings

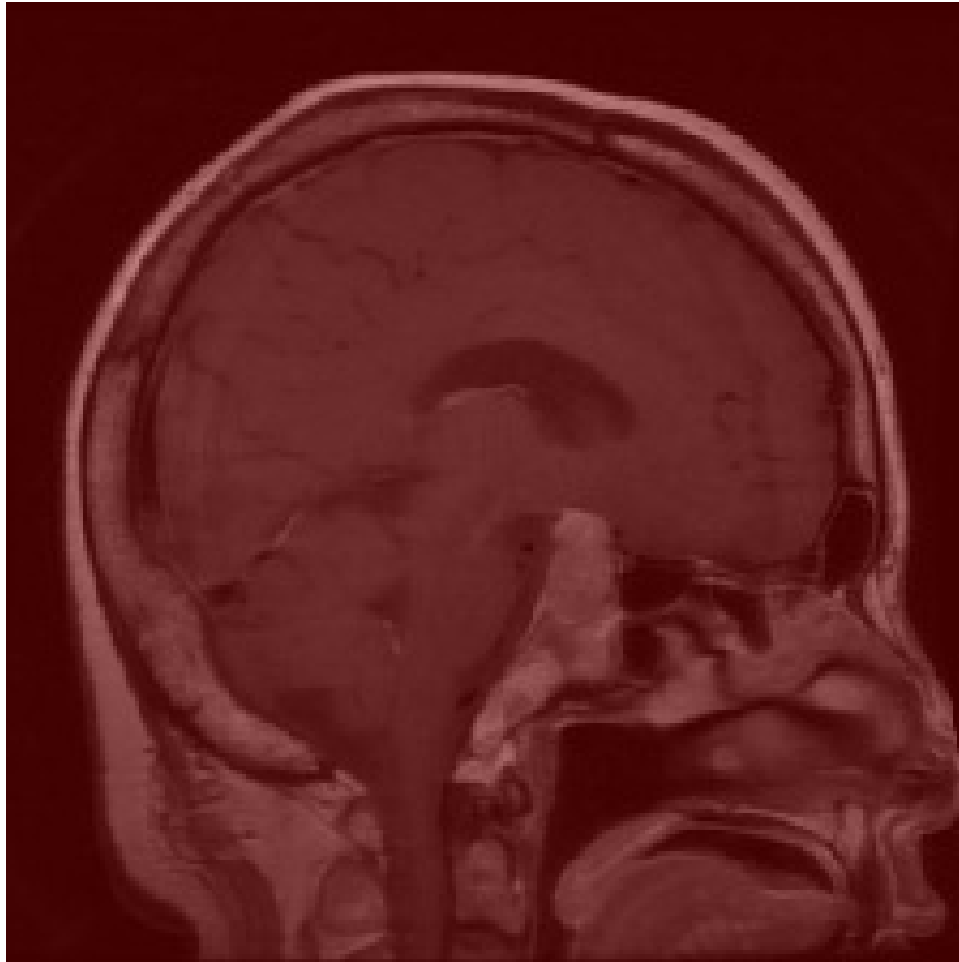
Condition evaluated	Brain
Prediction label	pituitary
Estimated probability	100.0 %

## 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

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## 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.

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