Radiology Diagnostic Report

AI-Assisted Brain MRI Analysis

Report ID: BT-20260212000951

Report Date: 12 Feb 2026, 00:09

Patient Details

Patient Name	Raviprakash B P
Patient ID	1014
Age	21
Gender	Male
MRI Date	2004-09-12

Scan Details

Modality: Brain MRI
Technique: Contrast-enhanced T1-weighted sequence
Analysis: AI-assisted tumor detection and segmentation

Findings

A lesion consistent with **Meningioma Tumor** is identified on the MRI scan. The region shows abnormal intensity patterns compared to surrounding brain tissue. Segmentation analysis highlights the suspected tumor region.

Impression

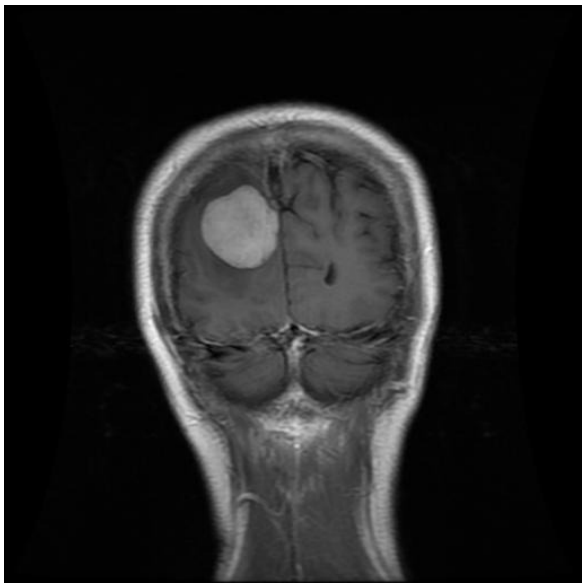
Imaging findings suggest features consistent with **Meningioma Tumor**. Clinical correlation and specialist consultation are recommended.

AI Analysis Summary

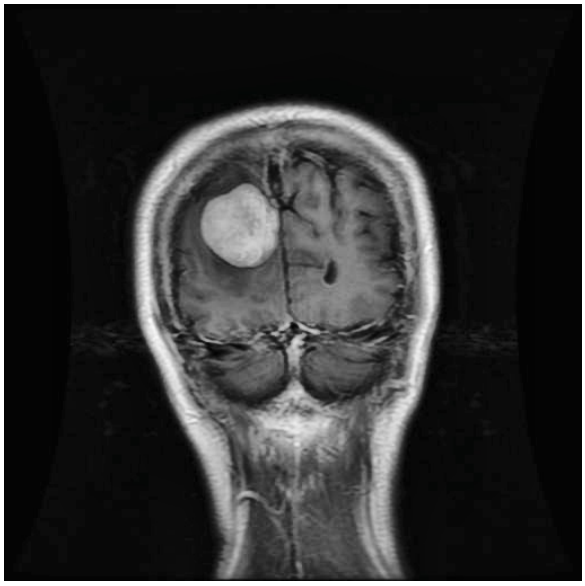
Predicted Tumor Type	meningioma_tumor
Model Confidence	100.00%
Risk Level	High Risk

MRI Visualizations

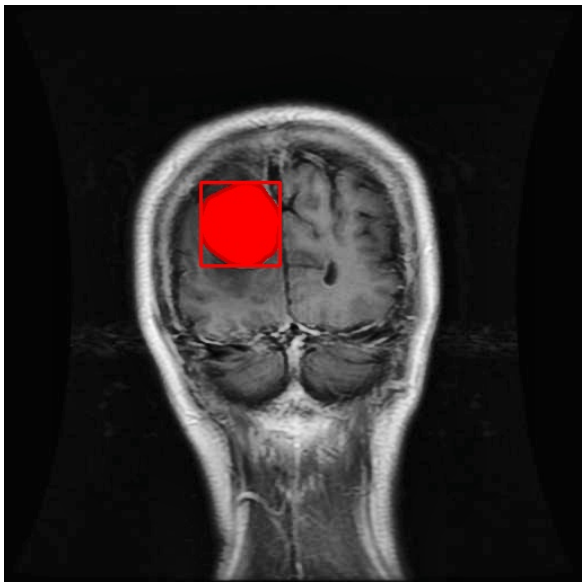
Original MRI



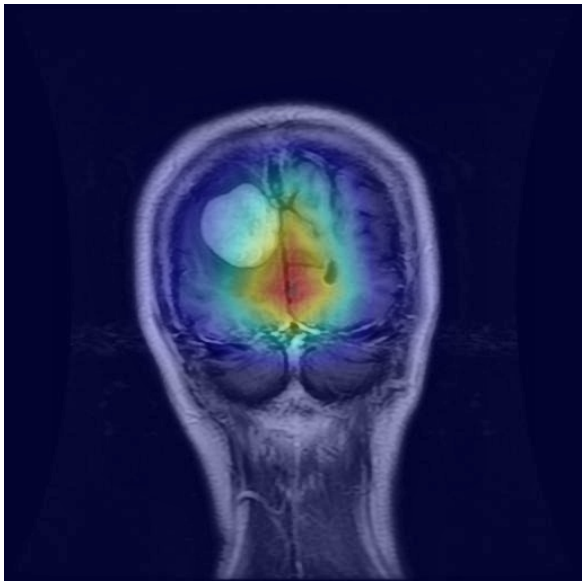
Enhanced MRI



Tumor Segmentation



Grad-CAM Visualization



Radiologist: Dr. AI Assistant
Department: Radiology
Registration No: AI-2026-001

Signature: _____

This is an AI-assisted diagnostic report. Final diagnosis must be confirmed by a certified radiologist.