



# TumorDetect AI Diagnostic Center

## Patient Information

Patient ID	
Patient Name	
Age	
Gender	
MRI Date	

## Diagnosis Summary

Tumor Type	pituitary_tumor
Risk Level	High Risk
Model Confidence	85.15%

## Tumor Measurements

Location	(168, 219, 419, 264)
Width	0.00 cm
Height	0.00 cm
Segmented Area	0.00 cm <sup>2</sup>

## Clinical Impression

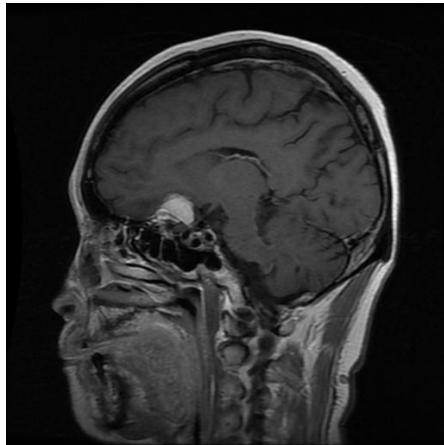
Findings suggest the presence of pituitary\_tumor. Further radiological and clinical evaluation is recommended.

## AI Explanation

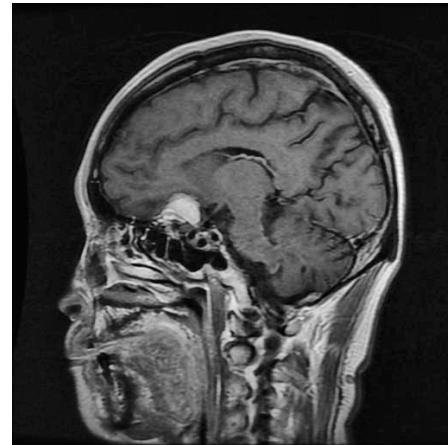
Description	AI analysis completed with limited explainability.
Possible Cause	Insufficient activation patterns detected.
Treatment	Clinical evaluation recommended.

## MRI Analysis Images

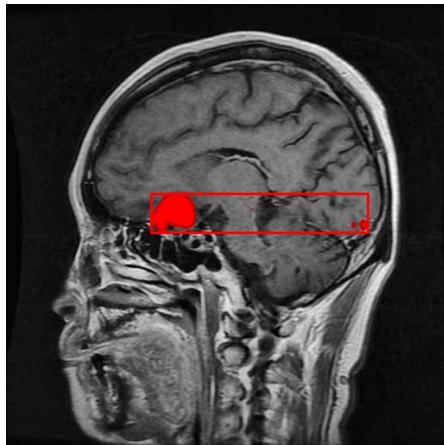
Original MRI



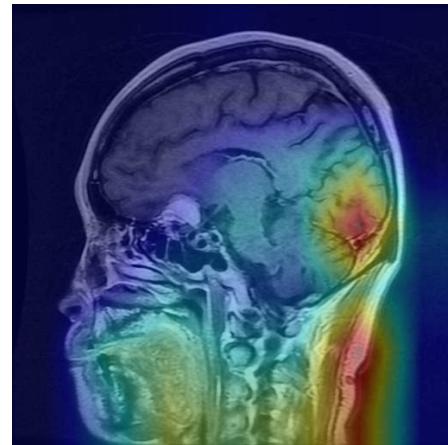
Enhanced MRI



Tumor Segmentation



Grad-CAM Visualization



## Authorized By:

AI Diagnostic System  
TumorDetect AI

## Disclaimer

This report is generated by an AI-based diagnostic system for academic and research purposes only.