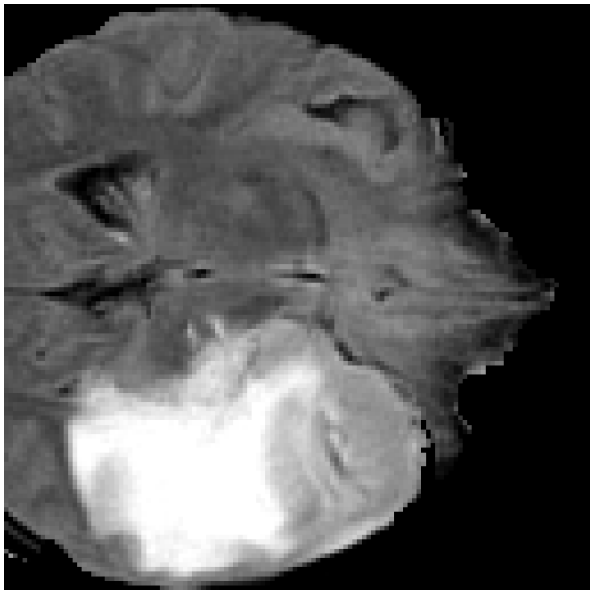
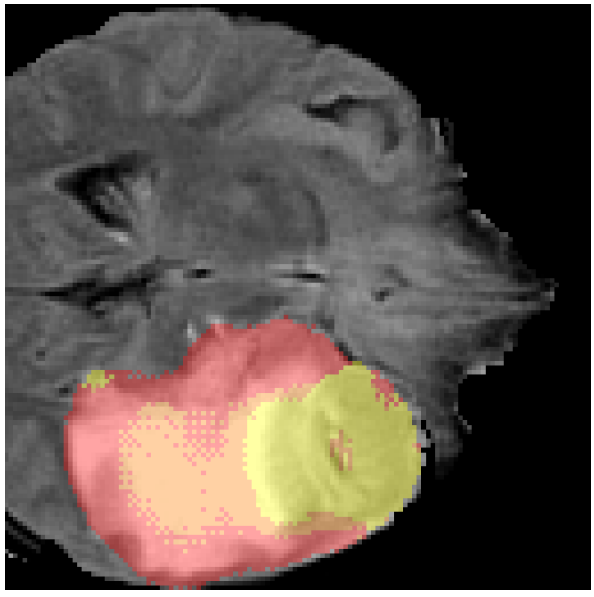
Radiology AI Report: Case BRATS_388

Slice Index: 57 (Axial View)

Original MRI (Flair/T1)



AI Tumor Detection (Red)



Subject: Brain Tumor MRI Report Case ID: BRATS_388 Study Description: Brain MRI with contrast Model: 3D_UNet_BraTS Timestamp: 2025-12-16T01:47:52.953184Z Radiological Findings: The brain MRI study reveals multiple lesions consistent with primary brain tumors. Whole Tumor: The whole tumor is not fully segmented, but its location is identified in the left frontal lobe. Tumor Core: The largest tumor core (class ID 2) has a volume of 18127 voxels and is located in the left parietal lobe. A smaller tumor core with a volume of 14 voxels is also present in the left temporal lobe. Enhancing Tumor: An enhancing tumor (class ID 1) is observed in the right frontal lobe, with a volume of 80508 voxels. Two additional enhancing tumors are detected, one with a volume of 75 voxels in the left parietal lobe and another with a volume of 386 voxels in the right parietal lobe. No other tumor components or lesions are reported within the study. Segmentation Metrics: The segmentation metrics indicate high Dice coefficients for the whole tumor (0.8928740620613098), tumor core (0.7587147951126099), and enhancing tumor (0.8959304690361023). Please note that a detailed review of the MRI images is recommended to confirm these findings. Recommendations: Further evaluation by a radiologist or neurosurgeon is advised for accurate diagnosis and treatment planning.