

Comparative Analysis of MRI and CT Scan for the Diagnosis of Brain Tumor, Considering MRI as Gold Standard

AUTHORS

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Background



Brain tumors are abnormal growths of cells within or near the brain.

Objective



Compare MRI and CT scan for the diagnosis of brain tumors



Results

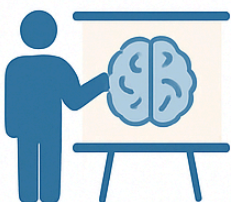


Patients with suspected brain tumor (n = 20).
Observational study in a hospital setting

MRI	SENS	Specif.
ORI	100 %	80 %

- Accuracy 2.5% higher for MRI
- Both methods detected midline shift

Conclusion



MRI offers higher accuracy and sensitivity for brain tumor diagnosis compared with CT scan

