

REVIEWER'S REPORT

Manuscript No.:IJAR-54125

Date: 29/09/2025

Title:DIAGNOSTIC ACCURACY OF MAGNETIC RESONANCE PERFUSION IMAGING IN INTRACRANIAL BRAIN TUMOURS

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality	✓			
Techn. Quality		✓		
Clarity		✓		
Significance	✓			

Reviewer Name:Mrs. Shreya Vaz

Date:29/09/2025

Reviewer's Comment forPublication.

The article presents a brief, and some of the contents of diagnostic accuracy of magnetic resonance perfusion imaging in intracranial brain tumours.

One of the article's key strengths lies in the topic selection is new and better in its own

While the article would benefitto all the Radiologist and the health team in terms of diagnostic process

Detailed Reviewer'sReport

This article is based on the diagnostic accuracy of magnetic resonance perfusion imaging in intracranial brain tumours

Introduction: it is clear, précised and there is mention of all the different types of diagnostic procedures being listed with explanation.

Materials and methods

This prospective observational study of 18 months conducted in the Department of Radiodiagnosis at a tertiary care teaching hospital in South India among 35 patients presenting with clinical suspicion of intracranial space-occupying lesions (ICSOLs). The aim was to evaluate the diagnostic accuracy of dynamic susceptibility contrast (DSC) perfusion MRI in differentiating various types and grades of intracranial tumours, using histopathology as the gold standard.

Results:

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

This chapter clearly evaluated perfusion parameters in 35 patients diagnosed with intracranial brain tumours on MRI, comparing findings with histopathological results. The two main perfusion parameters analyzed were relative cerebral blood volume (rCBV) and relative cerebral blood flow (rCBF).

Discussion: A total of four supporting studies were referred in this study.

Different pictures of MRI is been added appropriate

References ; All the references are not provided

The article would be even better with Graphs, tables and an added details of all the chapters