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REVIEWER□S REPORT

Manuscript No.: IJAR-53145 **Date: 06/08/2025**

Title: Association of GLTSCR1, ERCC4, NBN, and XRCC1 Polymorphisms with Glioma and Meningioma Risk in a Tertiary Care Hospital

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: Sakshi Jaju **Date:** 06/08/2025

Reviewer□s Comment for Publication.

Abstract:

The abstract clearly explains the purpose of the study — to find the role of DNA repair gene polymorphisms in the risk of developing glioma and meningioma. The summary is accurate and informative but can be shortened and simplified for easier understanding.

Introduction:

The introduction gives a clear background on brain tumors, especially glioma and meningioma. It explains how DNA repair gene variations may affect tumor development. The content is relevant and well-researched, but the language is highly technical in some parts and could be made easier.

Material and Methods:

This is a case-control study done in South India from January 2023 to June 2024. Included: 53 glioma cases, 46 meningioma cases, and 98 healthy people. Genetic analysis was done using PCR and RFLP techniques.

Result and Discussion:

Specific SNPs in all four genes were significantly associated with increased risk of glioma and meningioma.Results are supported by previous studies. The findings suggest these DNA repair gene variations might serve as genetic risk markers.

Relevance and Contribution:

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This study is important as it highlights the role of genetic factors in brain tumor development. It adds useful data from the Indian population.

Clarity and Writing:

The paper is well-structured, but uses complex scientific language. Some sections can be simplified for better understanding.

Recommendation:

Manuscript accepted for the publication.