REVIEWER'S REPORT

Manuscript No.: IJAR-56391

Title: Mapping the Burden of Vitreoretinal Disease in Adults: Insights from a Tertiary Eye Care Center

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	✓			

Detailed Reviewer's Report

Strengths of the Study

- **Originality and Relevance:** The study addresses the important topic of vitreoretinal diseases in adults within a tertiary care setting, providing valuable local epidemiological data that can inform region-specific healthcare strategies.
- **Comprehensive Data Collection:** Incorporates detailed clinical, demographic, systemic, and imaging data, offering a multi-dimensional view of vitreoretinal disease patterns.
- **Clear Methodology:** Well-defined inclusion and exclusion criteria, and comprehensive ophthalmic evaluations including OCT and fundus examination.
- **Contribution to Field:** Adds to existing literature by documenting disease prevalence in an Indian tertiary care context and emphasizing the importance of early detection and screening programs.

Weaknesses of the Study

- **Sample Size and Duration:** The six-month duration and a sample size of 280 may limit the generalizability and the statistical power of the findings.
- **Sampling Technique:** Use of purposive sampling introduces potential selection bias, which could affect the representativeness of the results.
- **Lack of Control Group:** No comparison with broader population data or control subjects to contextualize prevalence.
- **Statistical Analysis:** Reliance solely on descriptive statistics limits the depth of analysis; inferential statistics could provide stronger insights.
- **Ethical Details:** The manuscript mentions informed consent but does not specify institutional ethical approval or approval number.
- **Presentation and Formatting:** Occasional typographical and grammatical errors; inconsistent referencing and incomplete data in some tables.
- **Previous Publication Check:** The study appears to be original and not previously published or available online, based on the provided references and lack of duplication in prior databases.

Reviewer Comments

- **Title and Abstract:** The title accurately reflects the study focus. The abstract is comprehensive but could benefit from clearer structure and more explicit mention of key findings and statistical data.

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- **Introduction and Objectives:** The introduction effectively contextualizes the importance of vitreoretinal diseases but could further elaborate on gaps in existing regional data. Clear statement of research objectives is present.
- **Methodology and Statistical Analysis:** The methodology is generally appropriate; however, the absence of inferential statistical tests weakens the analysis. Clarify ethical approval procedures and include approval details.
- **Results and Discussion:** Results are well-organized with relevant prevalence data. The discussion appropriately compares findings with other studies but should integrate more critical analysis regarding limitations and implications.
- **Conclusion:** Summarizes key findings and emphasizes screening and early detection, aligning with study aims. A call for larger, multicenter studies could augment the conclusion.
- **Ethical Clearance:** Ethical approval is mentioned as per guidelines but lacks specific approval details (institution, approval number). Confirm that ethical approval was obtained prior to study commencement.
- **Language and Presentation:** The paper contains several grammatical and typographical errors, which should be addressed to improve clarity. Some figures and tables lack consistent formatting and referencing.
- **References and Figures:** References are appropriate, but formatting is inconsistent. Ensure all tables and figures are properly labeled and integrated within the text.