

## REVIEWER'S REPORT

Manuscript No: IJAR-54067

Date: 29-09-2025

Title: Relation of Tear Film Function with Monocular Pterygium.

### 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: Dr.Amina

### Reviewer's Comment for Publication:

This manuscript investigates the relationship between tear film function and monocular pterygium using Schirmer's test and Tear Film Break-Up Time (TBUT). The topic is clinically relevant for ophthalmologists and contributes to understanding the pathophysiology of pterygium-related dry eye. The study design is straightforward: a cross-sectional comparison of eyes with pterygium versus contralateral normal eyes, and the statistical methods (SPSS,  $p < 0.05$ ) are appropriate.

### Strengths

- Clear objective and well-defined hypothesis.
- Inclusion of both Schirmer and TBUT tests provides comprehensive tear film assessment.
- Results are clearly presented and show statistically significant differences.
- Extensive literature review contextualizes the findings.

### Minor Revisions Suggested

1. **Language & Grammar:** The manuscript would benefit from careful proofreading to correct typographical errors, inconsistent spacing, and occasional run-on sentences for improved readability.
2. **Tables & Figures:** Provide concise tables/figures summarizing key demographic data and test results (mean  $\pm$  SD, p-values) for quick reference.

# International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

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3. **Discussion Depth:** Expand the discussion to compare findings with conflicting reports in the literature (e.g., Ergin & Bozdogan 2001) and elaborate on possible mechanisms of tear film instability in pterygium.
4. **Ethical Considerations:** Add a statement on ethical approval and informed consent, as the study involves human subjects.