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REVIEWER'S REPORT

Manuscript No.: IJAR-54897

Title: "Evolution in Eyelid Reconstruction - A Systematic Review"

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 S. K. Nath **Date:** 21.11.25

Detailed Reviewer's Report

Strengths of the Paper

- **Comprehensive Historical Analysis** The paper provides an extensive chronological review of eyelid reconstruction, spanning from the 1970s to 2025, illustrating the evolution of techniques and technology.
- **Methodologically Rigorous** The review adheres to PRISMA 2020 guidelines, with a clear search strategy, inclusion/exclusion criteria, and systematic data extraction processes, ensuring transparency and reproducibility.
- **Integration of Technological Advances** The paper highlights how innovations such as AI-assisted planning, 3D imaging, and regenerative biomaterials have transformed the field, reflecting a thorough understanding of current trends.
- **Interdisciplinary Perspective** It successfully synthesizes contributions across surgery, engineering, and regenerative sciences, emphasizing the multidisciplinary nature of advancements in eyelid reconstruction.
- **Future-Oriented Viewpoint** The discussion on future prospects, including bioprinting and regenerative biology, demonstrates forward-thinking and relevance to ongoing research.

Weaknesses of the Paper

- **Limited Critical Appraisal** of Included Studies The review primarily summarizes existing literature but does not critically evaluate the quality or limitations of the studies included.
- **Possibility of Selection Bias** Despite adherence to PRISMA, some potentially relevant non-English literature or unpublished data might have been missed, which could influence comprehensiveness.
- **Insufficient Detail on Outcomes and Metrics** While technological innovations are well-described, there is less emphasis on standardized outcome measures and long-term results of different techniques.
- **Inconsistent Use of Terminology** Some terms related to surgical techniques or technologies are used variably throughout the text, which could lead to confusion.
- **Limited Discussion of Global Disparities** The paper acknowledges disparities but could expand on strategies or frameworks for improving global access to advanced eyelid reconstruction.

Reviewer Comments

- **Ethical Clearance**: The paper states that ethical approval was not required as it is a review of previously published data, which is appropriate and explicitly mentioned.

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- **Methodology**: The methodology is well-structured, following PRISMA guidelines, but it lacks a critical appraisal of study quality and heterogeneity analysis. Including a discussion on study limitations would be beneficial.
- **Typographical Mistakes**: No significant typographical errors were identified. A few minor editing suggestions could improve clarity.
- **Grammar and English**: The language is generally clear and professional. Minor grammatical adjustments could enhance readability, but overall, the language quality is acceptable.
- **Formatting**: The formatting is consistent, with appropriate headings, tables, and diagrams. Attention to consistent font styles and spacing would improve presentation further.
- **Clarity of Objectives, Results, and Conclusions**: The objectives are clearly stated, focusing on the evolution of eyelid reconstruction. The results are effectively summarized, and the conclusions are logically derived from the narrative synthesis.
- **References**: The references appear relevant and up-to-date. Ensuring accurate citation formatting according to journal standards would be an improvement.
- **Incomplete or Missing Information**: The paper could include a discussion on the limitations imposed by heterogeneity among studies and suggest standardization approaches for future research.