

REVIEWER'S REPORT

Manuscript No.: IJAR-56770

Title: When Infection Meets Inflammation: Diagnostic Pitfall and Strategic Corticosteroid Timing in a Corneal Abscess Complicated by Ocular Rosacea

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

Detailed Reviewer's Report

Strengths of the Study

- The case report addresses a clinically significant and complex diagnostic dilemma involving the coexistence of infection and inflammation in ocular pathology.
- The manuscript offers a detailed clinical narrative, including slit-lamp findings, imaging, and management, contributing valuable insights into the timing of corticosteroid therapy.
- Highlights the importance of evaluating adnexal structures and underlying rosacea in managing corneal abscesses.
- The discussion integrates current understanding of pathophysiology and therapeutic strategies, emphasizing the importance of tailored treatment.
- The case adds to existing literature by illustrating a sequential approach to therapy in such dual-mechanism cases.

Weaknesses of the Study

- The report is based on a single case, limiting generalizability.
- Lack of detailed microbiological data; corneal scraping did not identify a pathogen, which could impact diagnostic certainty.
- No mention of ethical approval or patient consent procedures explicitly stated.
- The manuscript could better clarify the rationale behind specific treatment choices and timing.
- Figures or imaging supporting clinical findings are not included, reducing visual clarity.
- The literature review, while relevant, could be expanded to include more recent advances or similar case series.

Reviewer Comments

- **Title and Abstract:** The title effectively captures the core issue. The abstract summarizes the case well but could benefit from clearer emphasis on the novelty and learning points.
- **Introduction and Objectives:** The introduction provides a solid background but lacks a clearly defined statement of specific study objectives or hypothesis. Clarification of the main aim at the end of the introduction would improve focus.

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- **Methodology and Analysis:** As a case report, methodology is inherently descriptive; however, some detail on the diagnostic criteria, timing of interventions, and follow-up process would enhance reproducibility. No statistical analysis is applicable.
- **Results and Discussion:** The case presentation is comprehensive. The discussion adeptly interprets clinical findings within the context of existing literature, guiding the reader through differential diagnoses and management rationale. Consider elaborating on the decision process for corticosteroid initiation.
- **Conclusion and Implications:** The conclusion summarizes key points but should more explicitly state clinical implications and potential for broader application.
- **Ethical Considerations:** The manuscript does not explicitly mention ethical approval or patient consent, which is a necessary component for case reports. Insert a statement confirming ethical clearance and informed consent if applicable.
- **Language and Presentation:** Overall language is clear; minor grammatical and typographical issues are minimal. The manuscript would benefit from consistent formatting, especially regarding references and in-text citations.
- **Visuals and References:** Including high-quality images or diagrams of slit-lamp findings or imaging would enhance comprehension. References are appropriate but could be updated with recent literature.