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REVIEWER'S REPORT

Manuscript No.: IJAR-50460

Date: 28/2/2025

Title:

An Innovative Meibography Approach for Assessing Meibomian Gland Structure and Function in Dry Eye Disease

Recommendation:

Accept as it is

Accept after minor revision.. ✓

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Accept after major revision

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity	Excellent			
Significance	Excellent			

Reviewer Name: Dr.Sumathi

Date: 28/2/2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Meibography is a non invasive imaging technique that allows doctors to see the structure of the meibomian glands in the eye lids. It is used to diagnose and treat dry eye disease.

Detailed Reviewer's Report

- Dry eye syndrome also known as dry eye, is a common condition that occurs when your eyes don't produce enough tears or the tears they do produce aren't adequate.**
- Meibomian gland dysfunction is a condition that occurs when the oil producing glands in our eyelids don't function properly. This can lead to dry eyes, irritation, and other symptoms.**

REVIEWER'S REPORT

- 3. The tear film is a thin, transparent layer of fluid that covers the surface of the eyes. It plays a crucial role in maintaining ocular health and vision.**
- 4. Ocular surface disease refers to a group of conditions that affect the surface of the eye, including the cornea, conjunctiva, and eyelids. These conditions can cause discomfort, irritation and vision problems.**
- 5. Meibography is the technique of in vivo observation of meibomian glands. Meibography is oGVHD shows complete or partial meibomian gland loss/atrophy, structural alteration such as distortion or dilation of ducts.**
- 6. This research findings are medically very valued. Review points are given significant and sufficient.**
- 7. From review points and over all research topics can be given flow charts of the key points .**
- 8. Results has come well. Tables with graphs are very neat.**
- 9. Pictures are good.**
- 10. Summary parts can be included.**
- 11. References should be in alphabetical order.**