

REVIEWER'S REPORT

Manuscript No.: IJAR- 55031

Title:

STUDY OF RETINAL NERVE FIBRE LAYER THICKNESS IN CASES OF PRIMARY OPEN ANGLE GLAUCOMA IN CORRELATION WITH PERIMETRIC CHANGES AND CENTRAL CORNEAL THICKNESS

Recommendation:

Accept as it is

Accept after minor revision

Accept after major revision

Do not accept (*Reasons below*)

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

Reviewer Name: Dr.Sumathi

Date: 1/12/2025

Detailed Reviewer's Report

1. Primary open angle glaucoma is a chronic progressive eye condition that damages the optic nerve, often due to high intraocular pressure but without initial symptoms.
2. This high pressure is caused by a blockage or resistance in the eyes drainage system, preventing fluid from draining properly. Treatments focus on lowering eye pressure through eye drops, laser therapy or surgery to prevent permanent vision loss.
3. Intraocular pressure is the fluid pressure inside the eye, measured in millimeters of mercury which is crucial for maintaining the eyes shape function.
4. The retinal nerve fiber layer is a layer of nerve fibers on the inner surface of the retina. Composed of the axons of retinal ganglion cells that transmit visual information from the rods and cones to the brain.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

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- 5. Analyzing the thickness of this layer is crucial for detecting eye diseases like glaucoma, as thinning can be one of the earliest signs.**
- 6. Occular hypertension is a condition characterized by higher than normal pressure inside the eye, caused by an imbalance of fluid.**
- 7. Key words are good to understand.**
- 8. Methodology part is good.**
- 9. Result part is awesome with pictures. But should be given tables for results.**
- 10. Summary points should be included.**
- 11. References should be in alphabetical order.**
- 12. After those corrections good to publish in your journal.**