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| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4585** |
| Title of the Manuscript: | **OCT IN CLINICAL PRACTICE: DIAGNOSIS AND MONITORING OF GLAUCOMA AND SUSPECTED CASES** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | 1. An extensive and thorough review of optical coherence tomography (OCT) in the diagnosis and follow-up of glaucoma and suspected cases is provided in this chapter. With OCT technology's breakthroughs and expanding significance in the treatment of glaucoma, the topic has enormous clinical utility. 2. The chapter has a clear organization and concise explanations that make difficult ideas understandable. The transition from fundamental OCT concepts to its practical uses in the diagnosis and surveillance of glaucoma is smooth. 3. The clinical diagnosis medical imaging techniques are explained very well. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes. The optical coherence tomography utilized in glaucoma medical imaging was thoroughly explained in the book chapter. In-depth monitoring and diagnosing methods are described in the book chapter. |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | -The abstract offers a robust and creative approach to glaucoma diagnosis, With an emphasis on integrating anterior segment OCT (AS-OCT) to enhance evaluation and treatment choices.  -It emphasizes the significance of the cameral sinus in the course of the disease and is well-structured. A clearer explanation of why some structures have been disregarded and a more detailed reference to the real gains in clinical outcomes based on case-based evidence will both strengthen the abstract.  -Lastly, a wider readership may find the abstract easier to understand. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes it is correct.  The clinical methods used for glaucoma using OCT are appropriately and clearly explained. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | -Although the publication gives a solid overview of glaucoma detection with OCT, it does not cite a number of important research that have been published in the recent three to five years.  -It is crucial to incorporate more recent material to make sure the book chapter represents the current state of OCT techniques, especially considering the quick developments in OCT technology and its uses in the diagnosis of glaucoma. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes. All the key concepts are written very clearly and understandle form. |  |
| Optional/General comments | -OCT image interpration can be added with in detailed, can be useful for researchers.  -Book chapter showing the detailed information on OCT clinical diagnosis tools and glaucoma details.  - Subjects reports,imagining were added in chapter but report parameters can also needed to be described in it. |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Gangadevi Chandrabhan Bedke, Deccan Education Society Pune University, India**