

Review of: "Medical Physics and Cancer Treatment: Enhancing Precision and Efficacy"

Lenin E. Cevallos-Robalino¹

¹ Universidad Politécnica Salesiana, Ecuador

Potential competing interests: No potential competing interests to declare.

This article offers a thorough analysis of the critical role of medical physics in cancer treatment, focusing on innovations in radiation therapy, imaging, and dosimetry. It highlights the increasing need for precision in cancer treatments and presents a robust review of recent literature and clinical studies. The findings clearly demonstrate improvements in treatment precision and patient outcomes, particularly through techniques like IMRT and IGRT. The integration of artificial intelligence further enhances treatment planning. The conclusions are well-supported and emphasize the importance of continued research in the field.

For enhancement, the inclusion of specific case studies and a discussion on limitations could provide additional depth. Overall, this article is a valuable contribution to the field and warrants publication.