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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\_4987** |
| Title of the Manuscript: | **AI-Powered Simulation and Virtual Reality in Medical Training: Current Trends and Future Prospects** |
| 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.** | The importance of AI-powered virtual reality (VR) in different aspects are explored in this manuscript. It offers a thorough analysis of the uses, advantages, and difficulties of AI-driven virtual reality. This analysis makes it an invaluable tool for academics, students, and medical professionals. Its importance in the discipline is increased by the discussion of potential future developments, such as haptic feedback and virtual patients powered by natural language processing. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title is accurate, and no changes are required. |  |
| 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 is well-written and provides a concise summary of the manuscript. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript is scientifically sound and well-supported by references. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are mostly relevant and up-to-date. However, adding recent large-scale studies or meta-analyses on AI-VR effectiveness in medical training would enhance credibility |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, the language is clear and appropriate for academic readership. Some long sentences could be simplified for improved readability. |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** |  |  |

**Reviewer details:**

**Hafiz Muhammad Amad Abdullah, ABWA Medical College, Pakistan**