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| Journal Name: | [**Asian Journal of Medical Principles and Clinical Practice**](https://journalajmpcp.com/index.php/AJMPCP) |
| Manuscript Number: | **Ms\_AJMPCP\_136808** |
| Title of the Manuscript: | **HARNESSING DIGITAL TWINS: REVOLUTIONIZING THE PHARMACEUTICAL INDUSTRY** |
| Type of the Article |  |

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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** (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 manuscript provides a comprehensive overview of the application of digital twins in the pharmaceutical industry. It shows the potential processes that could benefit from the implementation of digital twins. The result could contribute meaningfully to ongoing research in the pharmaceutical industry.** | This manuscript explores how digital twin (DT) technology is transforming pharmaceutical development, offering predictive modeling, simulation, and optimization across the pipeline. It bridges the gap between industry 4.0 and pharma R&D through practical case studies, adding both technological and clinical relevance. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title is suitable** | Yes, thank you for the feedback. The title has been updated to: “Digital Twins in Pharmaceuticals: A Narrative Review with Industry Case Insights” to better reflect its academic scope. |
| **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 comprehensive** | We have revised the abstract to explicitly state that this is a narrative review, summarize methodology, and include clear insights and limitations as per standard academic structure. |
| **Is the manuscript scientifically, correct? Please write here.** | Deploying the qualitative analysis method requires clearer explanation and greater detail. Accordingly, Chapter 2 should be expanded to include a comprehensive description of all steps involved in the applied scientific methodology. | Yes, we confirm the scientific accuracy of the information. We have clarified methods and strengthened analytical discussion throughout. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | References are sufficient | Yes. References have been updated. We replaced non-journal/grey literature sources with peer-reviewed articles from IEEE Access, JMIR, NPJ Digital Medicine, and Elsevier (2020–2025). |
| **Is the language/English quality of the article suitable for scholarly communications?** | The text lacks a coherent flow. Stronger connection between paragraphs need to be established to enhance readability and logical progression. | The manuscript has been fully edited for grammar, clarity, tone, and academic phrasing. Promotional or casual language was replaced with a scholarly tone. |
| **Optional/General** comments |  |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |

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| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* | No ethical issues are associated with this narrative review article. |