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| Book Name: | **[Science and Technology: Developments and Applications](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/)** |
| Manuscript Number: | **Ms\_BPR\_5018** |
| Title of the Manuscript: | **Artificial Intelligence and Machine Learning in Urology: Present Landscape and Future Directions** |
| 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 minimumof 3-4 sentences may be required for this part.** | **AI and Machine Learning have revolutionized the medical field, and urology is no exception. This chapter is particularly important as it discusses how technological advancements can enhance specific medical treatments. It highlights improvements in diagnostic accuracy, patient outcomes, and provides a roadmap for future research in AI-driven urology.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is suitable and effective as it clearly indicate the present situation and future research direction.** |  |
| 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 of the chapter is comprehensive, as it covers the background, objectives , methods, results and conclusions** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript references relevant literature and studies that support its claims about the benefits and challenges of AI in urology, including improvements in diagnostic accuracy and surgical precision. Additionally, it addresses ethical considerations and regulatory challenges, which are important aspects of integrating AI into clinical practice .**  **Overall, the manuscript is grounded in current research and provides a comprehensive overview of the topic, making it scientifically valid.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **The references are sufficient, but incorporating more recent studies would strengthen the evidence supporting the subject matter.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The English language quality of the manuscript appears to be high. The writing is clear, concise, and well-structured, effectively conveying complex ideas related to the application of AI in urology. Overall, the language quality supports the scientific content and makes the manuscript accessible to its intended audience.** |  |
| Optional/Generalcomments |  |  |

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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?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewers:**

**Mandira Bairagi, India**