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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 minimum of 3-4 sentences may be required for this part.** | The manuscript highlights how Artificial Intelligence (AI) and Machine Learning (ML) are transforming urology by improving diagnosis, surgery, and patient care. It covers AI’s role in surgery, health predictions, and patient monitoring, while also addressing challenges like data needs and ethical concerns. Overall, it shows AI's potential to enhance treatment and patient outcomes in urology. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is clear, but could be more specific. A better option might be: "AI and Machine Learning in Urology: Current Uses and Future Directions." |  |
| 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 clear and well-organized, but could be improved by mentioning specific AI methods, like deep learning. It would also benefit from highlighting challenges such as data bias and privacy concerns, as well as ethical issues. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is well-researched and highlights how AI can improve diagnosis and surgery in urology. It also addresses challenges like ethics and regulations. Overall, it’s accurate and up-to-date, but more focus on AI in telemedicine would strengthen the discussion. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are mostly good and include some recent studies. However, adding a few more sources on AI in robotic surgery and the ethical side of using AI would make the paper stronger and more complete. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language is clear and explains AI in urology well, but some sentences are awkward. A quick edit could improve 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?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewers:**

**Hirenkumar Mistry, USA**