Review of: "AI in Healthcare: The New Frontier of Inequalities"

Aladeen Alloubani[1]

1 King Hussein Cancer Center

1. While the paper mentions language models and robotic surgery, expanding on other AI applications in healthcare could provide a more rounded perspective. For instance, AI's role in drug discovery, predictive analytics for patient care, and automated patient monitoring could also be highlighted to give readers a fuller understanding of AI's potential impact across different areas of healthcare.

2. The paper identifies the emerging inequalities but could benefit from a more detailed analysis of the factors contributing to these disparities. It would be insightful to explore socioeconomic, geographical, and educational barriers that prevent equitable access to AI technologies in healthcare. Additionally, discussing potential solutions or strategies to mitigate these inequalities would be valuable.

3. Incorporating more empirical evidence, case studies, or real-world examples of AI's impact on healthcare delivery and access could strengthen the argument. This could include success stories of AI applications in low-resource settings or analyses of failed attempts, highlighting lessons learned.

4. The manuscript touches upon the need for a quality assurance system but could explore deeper into the ethical implications of AI in healthcare. Discussing the balance between innovation and patient safety, privacy concerns, and the ethical use of patient data could add depth. Moreover, exploring potential regulatory frameworks to govern the use of AI in healthcare could provide a roadmap for safe and equitable deployment.

5. The paper could benefit from a more explicit global perspective, considering the impact of AI in healthcare across different countries and healthcare systems. This would involve examining how AI could exacerbate or mitigate health disparities on a global scale and what international collaborations or policies are needed to address these challenges.