

## Review Form 1.7

Journal Name:	<a href="#">Asian Journal of Medicine and Health</a>
Manuscript Number:	Ms_AJMAH_104899
Title of the Manuscript:	<b>Risk of AI in Healthcare: A Comprehensive Literature Review and Study Framework</b>
Type of the Article	<b>Review Article</b>

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>Yes, But Of course, many risks occur due to medical error in the health-care system today, even without the involvement of AI. This review report identifies and clarifies the main clinical, social and ethical risks posed by AI in healthcare. This review study proposes and focuses measures and policy options to minimize the risks and but not discussed maximize the benefits of medical AI, in-depth clinical validation of AI tools, but not investigated AI training and education for both clinicians and citizens much.</p> <p>Title is Ok, No modifications required.</p> <p>Abstract is little bit comprehensive but to be modified with not only risks, and also should focus on ethical and societal impacts is much better for readers of this review paper.</p> <p>Subsection and structure of this review manuscript is much needed discussions about current applications of AI in healthcare such as about clinical decision support systems, surgical robots, automated patient flow optimization, telehealth technologies, image analysis, drug development research techniques, and more since this article is being a literature review.</p> <p>Not really, Because there is no much detailed discussions on scientific information. Researchers continue to study how various types of AI — such as machine learning, deep learning, neural networks, and natural language processing — can help improve diagnosis, treatment, patient experience, healthcare operations, public health initiatives, cybersecurity, and other aspects of healthcare risks and remedies. As these newer forms of AI emerge, and as existing AI applications evolve, so too will regulations, standards of care, and best practices associated with their use.</p> <p>References are recent and sufficient, but in the introduction section there is no citation was found, authors have to make sure about this references in the introduction.</p> <p>1. Authors of this review article should explain in detail about some of the major challenges and risks associated with AI that healthcare organizations should consider include: like Biased data and functional issues, Black-box reasoning, Automation bias, Data privacy and security, Patient expectations, Training and education.</p> <p>2. Secondly, authors should includes conducting risk analysis to understand their unique risks and responding to those risks by implementing strong security measures, such as encryption and multi-factor authentication.</p> <p>3. Authors in this review have to concentrate on more about healthcare providers should consider being transparent about the algorithms they are using and the data they are collecting. As a result it can help reduce the risk of algorithmic bias and ensure that patients understand how their data is being used.</p> <p>4. Researchers study and investigate more elaborately the other types of unique AI attacks as well, including data input poisoning and model extraction and related remedies for prevention of risks</p> <p>5. Authors also have to discuss in detail about as health care providers must be vigilant about detecting and preventing attacks on the AI algorithms themselves.</p>	

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	6. Finally suggesting the researchers of this literature review needs to present much as AI offers a number of possible benefits, and there also are several risks:	
<b>Minor</b> REVISION comments  1. Is language/English quality of the article suitable for scholarly communications?	Language is ok it is qualitative	
<b>Optional/General</b> comments	Objective of this literature review study much needed and aimed to find out the opportunity of artificial intelligence (AI) and the risks in health service.	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with 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 details)	

**Reviewer Details:**

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