

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Medical Principles and Clinical Practice</b>
Manuscript Number:	<b>Ms_AJMPCP_118546</b>
Title of the Manuscript:	<b>A REVIEW ON ASSESSING THE USE OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ALGORITHMS TO ANALYZE ICU DATA FOR EARLY PREDICTION OF PATIENT</b>
Type of the Article	

**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:

<https://www.journalaimpcp.com/index.php/AJMPCP/editorial-policy> )

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment (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)</b>
<p><b><u>Compulsory</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1) Artificial intelligence and machine learning algorithms are increasingly being utilized to analyze intensive care unit (ICU) data, including vital signs, lab results, and imaging studies, in order to predict patient deterioration at an early stage. These advanced technologies also enable personalized treatment recommendations based on individual patient data, ultimately improving patient outcomes. Additionally, the use of AI and machine learning in the ICU setting allows for optimization of resource allocation, ensuring that critical care resources are efficiently utilized. This approach holds great promise in revolutionizing critical care medicine by enhancing patient care and clinical decision-making.</p> <p>2) Title is appropriate for this article</p> <p>3) The abstract of the article is comprehensive. The utilization of artificial intelligence and machine learning algorithms to analyze intensive care unit (ICU) data represents a significant advancement in healthcare technology. These advanced technologies have the potential to efficiently process large volumes of ICU data, identify patterns and trends, and ultimately contribute to improved patient outcomes. By leveraging AI and ML algorithms, healthcare professionals can gain valuable insights from ICU data that may lead to more accurate diagnoses, personalized treatment plans, and proactive interventions. This innovative approach holds promise for enhancing the quality of care in critical care settings and has the potential to revolutionize the way healthcare providers deliver patient care in the ICU.</p> <p>4) Subsections and structure of the manuscript is appropriate. It has covered all required components for this article</p> <p>5) Yes- Manuscript is correct scientifically- It help us to develop various methods to overcome the Medication Non-Adherence.</p> <p>6) Yes- All the references are sufficient enough and are uptodate.</p>	

**Review Form 1.7**

<b>Minor</b> REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	YES	
<b>Optional/General</b> comments		

**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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Mayur Rasiklal Yadav</b>
Department, University & Country	<b>Western University of Health Sciences, USA</b>