

Review Form 1.6

Journal Name:	Asian Journal of Research in Infectious Diseases
Manuscript Number:	Ms_AJRID_84745
Title of the Manuscript:	Covid-19 vaccine uptake and its determinants among health care workers in Somali region of Ethiopia
Type of the Article	Original Research 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:

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PART 1: Review Comments

	Reviewer's comment	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)
Compulsory REVISION comments	<p>Covid-19 vaccine uptake and its determinants among health care workers in Somali region of Ethiopia</p> <p>Thanks so much for your efforts. The article is interesting, but I have some comments if you wouldn't mind:</p> <p>Abstract:</p> <ul style="list-style-type: none"> - Study design: this is an analytical cross-sectional study not a descriptive one , please correct - Duration: Do you have just one month to conduct this study? - Methods: please correct the word immunization to immunization - Results: rewrite in a good way and change p =0.0001 to <0.001, p=0.00039 to <0.001. (AOR = 2.32, 95% CI: 0.99–5.48), p=0.045 revise as OR is non-significant. - Conclusion: The study identified key determinants (mention these determinants) <p>Introduction:</p> <ul style="list-style-type: none"> - Healthcare workers are at least three times higher risk of COVID-19 infection with the risk of transmitting to others in the work environment and communities: Mention the reference <p>Methods:</p> <ul style="list-style-type: none"> - analytical cross-sectional study not a descriptive and justify a one-month duration study? - Sample size: Revise as based on your inputs, p=22.5%, ME=0.05, Ci95% you need 265 participants, how you reach 440 and why they become 427 <p>Results:</p> <p>Table 1:</p> <ul style="list-style-type: none"> - Marital status: please classify to single and married only - Profession: what do you mean by support staff, you may add a classification of first line defense HCWs and others <p>Table 5:</p> <ul style="list-style-type: none"> - please add all details of vaccinated and non-vaccinated regarding all determinants like no,%, χ^2 - on what base you choose your reference like married, support staff? <p>Discussion: Rewrite in more logic sequence. You may get benefit from this reference: https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1226124</p> <p>Language: the article is strongly in need to be edited,</p>	<p>Study design corrected to analytical cross sectional study</p> <p>Duration: The study was aimed at helping us identify the determinants needed to increase the vaccine uptake and thus the need to urgent conduct the study so the findings can be used timely</p> <p>Methods: Immunization corrected</p> <p>Results: revised/rewritten</p> <p>Conclusion: revised and determinants mentioned</p> <p>Introduction: references included</p> <p>Methods: Study design corrected to analytical cross sectional study</p> <p>The study was aimed at helping us identify the determinants needed to increase the vaccine uptake and thus the need to urgent conduct the study within one month so the findings can be used timely</p> <p>Sample size: a design effect factor of 1.66 was used . Out of the 440 people, only 427 health workers completed the questionnaires.</p> <p>Table 1: marital status corrected</p> <p>Support staffs classified as non-clinical staffs</p> <p>Table 5: The analysis is for vaccinated health workers(303).</p> <p>The support staffs were reference because previous studies reported vaccine uptake is lowest among the less education(support staffs are less educated compared with other health workers).. Studies also show that vaccine uptake is higher among married than single</p> <p>Discussion: reviewed</p>

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PART 2:

	Reviewer’s comment	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)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	