

Review Form 1.6

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| Journal Name: | International Journal of TROPICAL DISEASE & Health |
| Manuscript Number: | Ms_IJTDH_86039 |
| Title of the Manuscript: | Risk Factors Associated With Occupational Injuries Among Motor Vehicle Repair Workers; A case study of Kigandaini Juakali Sector Thika, Kenya. |
| 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:

(<https://www.journalijtdh.com/index.php/IJTDH/editorial-policy>)

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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) |
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| <u>Compulsory</u> REVISION comments | All section of the manuscript should be revised. | <ul style="list-style-type: none">• Prevalence of occupational injuries was part of the objective in this hence the ability to establish an association with the stated risk factors.• On the methods sections, have defined the term occupational injuries and the outcome measures which entails various injuries researched in this study• Regarding data quality assurance, have included Cronbach alpha for qualitative data and word cloud for qualitative data.• I have maintained the word odd ratios in the entire document.• In the introduction sections, we have reviewed and enhanced it to bring out the concept of factors associated with work-related injuries.• In the study design we have included both qualitative and quantitative methods of data collections and we have removed the word a mixed approach.• We have revised and enhanced all the tables such that they are able to bring the concept of who where and when. e.g. Have you ever had an occupational injury in the last year?• to enhance consistency of the results, a brief description of the social demographic characteristics followed by association of the stated factors with the occupational injuries, work environment characteristic among respondents followed by association of the work environment factors with the occupational injuries and finally work-behavioural characteristics followed by the association work-behavioural factors with the occupational injuries.• We wish to confirm we have combined both the chi-square and the binary logistic regression analysis in the tables provide in the reviewed manuscript. Eg. For the bivariate analysis (chi-square value, df, and p-values have been indicated in the tables whereas the multivariate analysis (we have included the binary logistic regression OR, CI and reference categories and the P value for the logistic regression) this has been well indicated in the tables for easy understanding.• The implication of the study has been well brought at out in the conclusion whereby we have indicated measures that showed be put in place and especially by adhering to existing policies to reduce the high prevalence of occupational injuries.• Regarding discussion, this section has been thoroughly be done by interpretating, explaining and comparing our findings with other prior studies concerning occupational injuries.• We also wish to confirm that, qualitative data was recorded in the audio was transcribed. Differences and similarities were highlighted in the text and then imported into NVivo software. Data was coded based on themes, whereby the main objective was coded as the parent code while variables under each objective as child codes. Finally, triangulation with quantitative data was conducted. |

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| Minor REVISION comments | | |
| Optional/General comments | | |

PART 2:

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| | 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? | (If yes, Kindly please write down the ethical issues here in details) | |