Reviewer’s report

Title: Assessment of Nurses Interventions in the Management of Clinical Alarms in the Critical Care Unit, Kenyatta National Hospital, a Cross sectional study

Version: 0 Date: 27 Nov 2016

Reviewer: Virginia Plummer

Reviewer’s report:

This is an interesting paper on an important area of management of the high acuity patient

Abstract - Suggest to add 'Most' patients in the Critical care cannot speak.... What data was obtained from Hinari, PubMed, google scholar? Are these the databases for the lit review? Were the results for age and cause of alarm statistically significant?

Key words - Intensive care is listed but Critical Care is in the title and the body of the paper -it is suggested that the latter is included or replaces ICU.

Title page - Check spelling for 'Principal' Researcher

Background- There are at least 6 statements that are unsupported by a reference and need to be. There is no mention of the relationship to patient deterioration but this is a suggested inclusion.

The reference list is too brief and somewhat dated and the paper would benefit from extending and updating this section.

Background- paragraph 2 beginning Nurses at risk. Line 47, Nurses in critical care units stated ..... need to say where the unit was located. Line 56 AACN, needs a reference in reference list and a year in the body of the text. Next page Line 6, patient deaths attribute to alarm fatigue needs a reference. Line 7 use AACN, as abbreviation has been used previously and include year.

The next paragraph Line 14-37 includes a very long sentence that should be split into 2 sentences at least.

Next page, paragraph before Methods, CCU needs to be written in full at first mention and (CCU) after it. In the following section on raising the high alarm trigger to 130 bpm, need to add if there were any patient sequellae.

Methods - Line 34 - need to add to sentence 'Approval to conduct the study was sought and provided by Kenyatta National Hospital......

Line 46, IFAS and Fisher et al need to be added to Reference list

Line 52 on same page -'Convenience sampling'
Next page, third paragraph, add IBM to the reference list

Results - spacing before all the brackets e.g 68 (78.2%), and capital T for Table 5.

Discussion - paragraph 2, Line 29, Nurses in this study, adjust the order of their activities.... Next page, line 17, statistically significant association...

**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

Yes

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Yes

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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