Reviewer’s report

**Title:** Specialty cardiac nurses' work satisfaction is influenced by the type of coronary care unit: A mixed methods study

**Version:** 0 **Date:** 12 Dec 2018

**Reviewer:** Khatijah Abdullah

**Reviewer's report:**

Thank you for an interesting and well written paper. Background information and justification for the study is clear.

However there are some issues that need to be clarified:

1. Setting: Why and How are the 4 units (Units A and B) and two hybrid (Units C and D) CCUs selected?

2. Instrument: Although the Professional Practice Environment (PPE) was validated in an Australian population it was conducted among general care nurses - was the content of the instrument checked by any coronary care nurses experts to ensure its relevancy for its use among coronary care nurses??

3. Participants for survey: It was mentioned that a total of 74 nurses returned the survey - what is the response rate as not clear what was the exact sampling size in all the 4 units

4. Quantitative analysis: It was noted that there was missing data - please explained how this was handled

5. Participants for qualitative data: it was mentioned 13 individual interviews and one focus group consisting of four nurses was interviewed - there should be demographic details about these participants so as to provide contextual background and to ensure maximum variation. How sure are you that data saturation has occurred?

6. Qualitative data analysis: How do you ensure trustworthiness of your findings? the process of the qualitative data analysis need to be explained

7. Discussion: the overall the quantitative data survey showed the nurses are satisfied across all the domains of the PPE - however the interview data showed otherwise -an explanation on this would be interesting
8. Dated references - at least 50% of the references cited are more than 5 years old

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.

No

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:

Needs some language corrections before being published

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