Reviewer's report

Title: Measuring patient safety culture in Taiwan: an application of Hospital Survey on Patient Safety Culture (HSOPSC) in Chinese culture

Version: 5 Date: 1 March 2010

Reviewer: Freedom Nkhululeko Gumede

Reviewer's report:

- Major Compulsory Revisions

1. Background: Page 4: 2nd paragraph: 2nd sentence: How many of the 14945 cases were adverse events?

2. Results: Page 13: 2nd and 3rd paragraphs: Nothing is gained by reporting all these measures, instead a single sentence summarizing the information in these paragraph would be sufficient.

3. Results: Page 14: 2nd paragraph: Same comment as above in 2.

4. Results: Page 14: 4th paragraph: 2nd sentence: What is meant by "deeper meaning"?

5. Results: Page 15: 2nd paragraph: 3rd sentence: What is the implication of the low CR values on the conclusion(s) of the study?

6. In general the Tables are very poor.

6 (i) Table 1: Page 23: The table needs to be improved by showing count(%) of supervisors and non-supervisors separately for each of the categorical variables. Within this tables difference between supervisors and non-supervisors (if any) should be assessed. The footnotes should be below the table.

6 (ii) Table 2: Page 24: The analysis presented in this table seems incorrect. The authors may correct me if I am wrong. For comparing the distributions of positive responses table between AHRQ and Taiwan, chi-squared test can be used, it is not necessary to compute average positive response rate. Even if the average response rates were to be used (which I contend is incorrect), a t-test should be used and not a Z-test, and p-values should be reported and not the test statistics. The footnotes should be below the table and not underlined.

6 (iii) Table 3: Page 25: This table should be deleted and the information it contains should be summarized in the text.

6 (iv) Table 4: Page 26: It not clear what information is presented in this table and how the results should be interpreted. Nevertheless, p-values should be reported for each dimension instead of the test statistics "t-value". The footnotes should be below the table and not underlined.
6 (v) Table 5: Page 27: The footnotes should be below the table and not underlined.

- Minor Essential Revisions
None.
- Discretionary Revisions
None.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

'I declare that I have no competing interests'.