Reviewer's report

**Title:** Gaps in knowledge of the HPV vaccine among medical students suggest a need for improved public health information.

**Version:** 1  **Date:** 16 November 2012

**Reviewer:** Li Ping Wong

**Reviewer's report:**

This article describes knowledge of the HPV vaccine among medical students. There have been, however, numerous studies on knowledge about HPV vaccine, it is not sure how this study connects, build on, or respond to the other published studies done in UK. There are also a number of important issues with the present study that require satisfactory solution.

In Introduction section. Include a theory section in which you discuss previous results on HPV vaccine acceptance barriers or challenges and the theoretical frameworks to explain women’s attitudes. Formulate the research questions more clearly in the introduction section of this paper. You need to frame your literature review. Discuss how your study differ or extend from pervious studies done in UK or other countries. Please present in the abstract as well as the body of the article the specific research questions to be answered.

In Methods section. Does not report any justification for the sample size of the study. This section needs more discussion of the measures used, such as reliability estimates, validity, etc.

In Results section. Analyses were mainly descriptive. Analyses should gone beyond descriptive and univariate analyses. Further, in some comparison the number of observation is too small for comparison using chi-square test. Further, it appears that the data were not matched data, since the study population were similar, data should be match. Assumption of chi-square test is comparison of independent samples.

**Conclusion.** Generalization is not possible.

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:

No