Reviewer’s report

Title: Impact of periodic health examination on surgical treatment for uterine fibroids in Beijing: a case-control study

Version: 2 Date: 31 August 2010

Reviewer: Joanna Stewart

Reviewer’s report:

MINOR ESSENTIAL

The methods have been changed to explain that conditional logistic regression was used to calculated the odds ratios and confidence intervals, thus allowing for the pairing of a case with its control. However the paper still reports chi square tests which I assume were done without regard to matching. These p values should be removed from table 1, the text should be adjusted and the description of them removed from the methods. In fact the unadjusted conditional logistic regression correctly tests what was attempting to be investigated using the chi square analysis. The actual numbers can still be reported in table 1 without the p value column. P values for the overall test for each of the variables could be added to the odds ratio table – eg the overall p value for the test that employment status was related to being a case or control (not the 2 separate ones for the contrasts of the individual levels)

Although the English has improved there are still some corrections which need to be made.

1. p4 end of 1st paragraph – high (not highly)
2. p5 1st paragraph ‘randomly chose 2 ‘ (not chosen)
3. P6 6th line from THE same hospital
4. P6 6th/7th line women from the same ‘work unit’ AS the matched case WERE NOT ELIGIBLE FOR SELECTION AS A CONTROL
5. P7 last line might BE more likely
6. P8 3rd line subjects HAD SOUGHT
7. Statistical analysis 1st line odds (not odd)

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

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.
Declaration of competing interests:

I declare that I have no competing interests