Reviewer's report

Title: Intra-umbilical injection of misoprostol versus normal saline in the management of retained placenta: A randomized controlled trial

Version: 3 Date: 29 September 2013

Reviewer: Saknan Manotaya

Reviewer's report:

Major Compulsory Revisions

1. In Methods section, the authors should describe whether there was any procedure performed AFTER the umbilical vein injection (UVI), did they continue to perform the controlled cord traction?, Were the procedures performed similarly in both arms? As the physician was not blinded, this may influence the time-to-placental delivery.

2. In Result section, paragraph 2, it says "There were no statistically significant differences between the two groups in terms of mean age, parity or gestational age"; however, in Table 1, the p value for gestational age is .03 (which is significantly different).

3. In Figure 1, there are 5 women excluded from the study, however, the reasons for exclusion were given in 4 cases, but missing in the fifth case.

4. In Tables 4, it is not clear what is the meaning of 95% CI: is it the difference of amount of blood loss (in mL). The Table should show the mean blood loss in each group, and also the mean difference between groups and its 95% CI

5. In Tables 5, it is not clear what is the meaning of 95% CI: is it the time difference between groups (in minutes). The Table should show the mean time to placental separation in each group, and also the mean difference between groups and its 95% CI

Minor Essential Revisions

1. Aims of the trial, "(2) to measure the amount of vaginal blood loss .....". "to measure" should be changed to "to compare".

2. Methods, Technique of UVI, "Piping’s method" should be corrected to "Pipingas' method"

3. Discussion, paragraph 1: "systemic review" should be corrected to "systematic review".

4. Acknowledgments, paragraph 1: "trail" should be corrected to "trial".

Discretionary Revisions
nil

**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:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests.