Reviewer’s report

Title: Micronutrient Supplementation and Pregnancy Outcomes: A systematic review

Version: 3 Date: 15 June 2012

Reviewer: Abyot Asres

Reviewer’s report:

General comments
I found the review is an informative and important issue which addressed interventions directed towards prevention and control of maternal nutritional problems in particular and the whole society in general. So that I can say it is timely revision.

Suggestions and concerns
The statement of the problem lacks some coherence and organization demonstrated by its focus on genera effects of maternal under nutrition rather than specific effects of micronutrients on mother and their pregnancy outcomes.

Methods
The data extraction and processing is not explicitly discussed. I think it would have been better to have explicit description. It would have been better to include Meta analyses to have pooled estimates of the effects of the studies you reviewed. The method you used in qualifying the articles is well described particularly to say they are quality papers.

Result
Repeated sentences about how you selected the articles should be avoided. I think it is better to wind up discussion after you go through all the papers, but in your case you concluded before you presented the findings. The result lacks discussion and it is mere description of results. Hence it would have been better to have some explanation besides description.

General strengths
• Tried to compile what has been documented related to the issue under review
• Used quality study designs(RCT)
• Tried to identify contradicting findings among reviewed articles
• Its timely and initiate further exploration on the issue

Weaknesses
• The review lacked pooled effect measure due to the design problem that is inability to supplement it with meta analyses
• Methodological issues not well elaborated and the methods the articles used were not well stated.
Finally I hope the reviewers will go through it and polish the document accordingly so that it will be considered for publication.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**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.