Reviewer's report

Title: Improving accuracy of medication identification in an older population using a medication bottle color symbol label system

Version: 3 Date: 21 November 2011

Reviewer: Yan Zhang

Reviewer's report:

• Minor Essential Revisions:
This revision is much improved compared with the original version. The study population and outcomes are better defined. The methods are better clarified. Shortcomings of the study were discussed. Because the effect sizes (0.25 and 0.15) of the pre-post change are rather small, I would suggest the authors to further discuss how this small effect size may make a difference clinically. In another word, since a 7% difference of “minimum of five medications” (inclusion criteria) or average 11 medications per patient in the population means less than one correct matching improvement, will this statistical significance really matter clinically? I.e., Will it be worth the money and effort to achieve this difference? I think that is a critical question that will determine the value of TCOM.

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