Reviewer's report

Title: Yukmijihwang-tang for the treatment of xerostomia in the elderly: study protocol for a randomized, double-blind, placebo-controlled, 2-center trial

Version: 2 Date: 23 July 2013

Reviewer: Andrew Vickers

Reviewer's report:

Major revisions

The statistics are erroneous in almost every aspect.

1. Testing for baseline differences between groups in a randomized trial is irrationally testing a null hypothesis that is known to be true.
2. The difference between groups in outcome variables should be compared by ANCOVA (see Vickers and Altman BMJ 2001)
3. Specify a single test for comparisons of adverse events, not Fisher's OR Chi squared
4. The reporting of Pearson correlations for outcome variables is strange. what is being tested or estimated here?

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:

no conflict.