Reviewer's report

Title: Essential fatty acids for premenstrual syndrome and their effect on prolactin and total cholesterol levels: a randomized, double blind, placebo-controlled study

Version: 1 Date: 1 September 2010

Reviewer: Jose G Cecatti

Reviewer's report:

This is a well done and well written small randomized placebo controlled trial on the treatment of premenstrual syndrome with two different dosis of essential fatty acids. The outcomes of the study are the effectiveness and safety of these drugs in reducing the median scores of symptoms associated with the syndrome, using a standard and validated scale specifically designed for that. This is important due to the high frequency of this condition and the relatively few evidences available on effective treatment.

Major Compulsory Revisions:
There is no explanation on the sample size estimate. Please provide it or explain why it was not presented.

Minor Essential Revisions:
The first part of the discussion has no references for some statements. Please check the text and include some.

Discretionary Revisions

Level of interest: An article of outstanding merit and interest 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