Reviewer's report

Title: Adherence to antidepressant therapy for major depressive patients in a psychiatric hospital in Thailand

Version: 2 Date: 16 May 2010

Reviewer: Churn-Shiouh Gau

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Basically the authors have tried hard to respond reviewers’ comments making some major corrections. Especially, the authors have restructured and recalculate the data for Table 3. However the data presented in Table 3, especially on column 3, are very confusion as they were in previous version.

1. In this study, the authors have defined “Adherence” in two levels, i.e., the “MPR” value for each patient, which was calculated according to the definition in literature; and the “adherent” vs. “non-adherent”, the patients were recognized as “adherent” if their MPR values were greater than 0.8 otherwise they were defined to be “non-adherent”. The data in Column 3 “%Adherent” of Table 3 presenting the percentage of patients with MPR values greater than 0.8 in each subgroup, therefore it is possible to calculate to know that there are 59 patients with MPR values greater than 0.8 in the 195 patients who received only one drug. If this is the case, what’s the meaning of (95% CI) in Column 3? How the data of 95% CI in Column were generated?

2. Following above calculation, the total number of patients who have MPR values greater than 0.8 should be 241, therefore, the number 260 shown in the 2nd line of last paragraph of page 5 should be wrong. Please correct it.

3. It will be very helpful for the discussion on the reason why the total adherence was as low as 23% if the authors analyzed the depressant diagnosis for patients those who had the antidepressant prescription only once.

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

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