Reviewer’s report

Title: Efficacy of dapoxetine treatment in Chinese patients with premature ejaculation and possible factors affecting efficacy in the real-world practice

Version: 1 Date: 06 Aug 2019

Reviewer: Lu Yang

Reviewer's report:

Manuscript performed by Peng et. al. verified the pharmacology effects on dapoxetine among Chinese, while there were similar researches in other countries. In this study, the author use one novel measurement called estimated number of intravaginal thrusts before ejaculation (NITBE) to replace the estimated intravaginal ejaculation latency time (eIVELT).

However, there are several details needed further discussion.

1. Compared with eIVELT, NITBE could also be disturbed by the frequency of penile movement. For instance, with high frequency, absolutely the stimulation was strong, which might cause fewer intravaginal thrust times. The superiority of NITBE should be stated in the discussion section.

2. Results showed no statistical differences of eIELT between the two groups stratified by CGIC, only the increase of NITBE could not explain the effect of dapoxetine perfectly.

3. The author attempted to find out possible factors affecting efficacy, but baseline characteristics showed no obvious differences. This result should also be expressed in the result section.

Please confirm that you have included your review in the ‘Comments to Author’ box?

As a minimum standard, please include a few sentences that outline what you think are the authors’ hypothesis/objectives, their main results, and the conclusions drawn. Your report should constructively instruct authors on how they can strengthen their paper to the point where it may be acceptable for publication, or provide detailed reasons as to why the manuscript does not fulfill our criteria for consideration. Please supply appropriate evidence using examples from the manuscript to substantiate your comments. Please break your comments into two bulleted or numbered sections: major and minor comments.

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Are you able to assess the statistics?

- Are the statistical test(s) used in this study appropriate and well described?

- Is the exact sample size (n) reported for each experimental group/condition (as a number, not a range)?

- Are the description of any error bars and probability values appropriate?

- Are all error bars defined in the corresponding figure legends?

- Has a sample size calculation been included, or a description and rationale about how sample sizes were chosen?

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