Reviewer's report

Title: The effectiveness of ICT-based neurocognitive and psychosocial rehabilitation programmes in people with mild dementia and mild cognitive impairment using GRADIOR and ehcoBUTLER: study protocol for a randomized controlled trial.

Version: 0 Date: 18 Sep 2017

Reviewer: Zhiqing He

Reviewer's report:

This article is very interesting for the potential readers in such field. But some information of the article is a little confusing. Such as the followings, page 2 line 37"the trial will compare the cognitive rehabilitation treatment using the GRADIOR programme with a psychosocial stimulation intervention (PSS) using ehcoBUTLER platform, with a combined treatment consisting of GRADIOR and ehcoBULTER, and with a group receiving treatment as usual during a period of 1 year" might be revised as "Difference of the cognitive rehabilitation treatment strategies will be explored among 1) only GRADIOR programme; 2) only psychosocial stimulation intervention (PSS) using ehcoBUTLER platform; 3) combination of GRADIOR and ehcoBULTER; 4) and common treatment as usual for one year. " The same page line 50 "one year of follow-up is planned to investigate the lasting effects of the conducted treatments" might be changed to "And then all the participants will be followed up for one another year to explore the potential long-term effects of these treatments". Some places should be corrected in order to increase the readability of the manuscript. And since this article focused an interesting topic about the cognitive rehabilitation, the abbreviation should be given with the full-term as they appeared at first in the article, which will help the readers to understand the topic easily.

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**Statistical review**

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