Reviewer's report

Title: The effects of Sutaehwan-Gami on menopausal symptoms induced by ovariectomy in rats

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Reviewer: Siti Amrah Sulaiman

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MS ID : 1161119780715119
Title : The effects of Sutaehwan-Gami on menopausal symptoms induced by ovariectomy in rats
Authors: Seung-bok Lee, Songhee Jeon, Sok Cheon Pak and Dong-II Kim

The manuscript was well written with a very clear objective. The methodology used was appropriate were by the authors choose to evaluate the effects of the prescribed formula on the oestrogen receptors and its effects on biochemical parameters and reproductive organ. The study was well design using ovariectomised rats as a model for postmenopausal and the duration of the study which was three months durations was long enough to ascess the effect of the test items with properly selected positive and negative control. The authors should mention what was the placebo used in the study?

The data obtained were sound and presented appropriately. The discussion and conclusion were well balance, however the authors did not mentioned the extra benefit of the modified formula compared to the original formula. This could be done by treating a group of animal with the old/original formula or comparing with previous data or report is any.

There sre minor mistake in the manuscript as stated below that need to be corrected by the authors

Abstract and text
The name of plant species should be written in small letter eg: Rhizoma Dioescoreae should be written as Rhizoma dioescoreae. This goes to all plant species.

2.5 Experimental Animal
Please specify the animal strain used in the experiment; Wistar or Wister

2.6 Laboratory analysis
Is there any specific reason for not evaluating the LDL level?

2.7. Histological analysis
The word “anterior-posterior axis of the wound” was not understood, please revised.

2.8 Data analysis
The word “hoc” was written twice, suggest to remove the second.

3.2 Body weight and uterine index

Please described about the placebo used in the study as none was mentioned in the methodology.

Finally; is there any indication that the modified prescription Sutaehwan-Gami (S-G) was better than the original Sutaehwan?

**Level of interest:** An article of importance in its field

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

**Declaration of competing interests:**

I have no competing interest on this article