Reviewer’s report

Title: Transcutaneous Neuromodulation improved inflammation and sympathovagal ratio in Patients with Primary Biliary Cholangitis and Inadequate Response to Ursodeoxycholic Acid—a Pilot Study

Version: 0 Date: 10 Feb 2020

Reviewer: Zhi Yu

Reviewer's report:

Major comments:
1. In the "abstract" section: the method description in abstract is not complete. Authors should add more information about participant, randomization, especially for the statistics
2. In the "Introduction" section: The part of TN is too wordy, please focus this part on the Biliary Cholangitis and refine it
3. In the "Materials and Methods" section:
   The detail of randomization, allocation, and blinding should be clearly described in the manuscript(sequence generation, allocation concealment and implementation, etc)
   Please consult the sample size calculation
   The sample size of the study is too small to draw the conclusions.
4. The dropped out rate is too high to accept for the study.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Unable to assess

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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