Reviewer’s report

Title: Probiotics and infective endocarditis in patients with Hereditary Hemorrhagic Telangiectasia: a clinical case and a review of the literature

Version: 0 Date: 13 Nov 2017

Reviewer: Reza Ghotaslou

Reviewer’s report:

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The authors aimed to explore the probiotics and endocarditis: when the cure is worse than the disease. The case of a patient with hereditary hemorrhagic telangiectasia and endocarditis. So, they concluded that consumption of probiotics can pose a risk of serious infections in patients with particular predisposing factors. Patients with HHT can be considered at risk because of their predisposition to infections. In such patients inappropriate use of probiotics should be avoided. Prophylaxis with antibiotics before nasal packings in patients with HHT can be effective in preventing serious infections.

1. How you concluded that prophylaxis with antibiotics before nasal packings in patients with HHT can be effective in preventing serious infections?

2. The methodology employed by the authors was not straightforward, why you did not tested aminoglycoside MIC as a drug of choice against probiotic sepsis?

3. Why you did not describe clinical manifestations and mortality rate?

1. Minor Essential Revisions, The language in the manuscript needs improving.

2. The format of tables 2 and 3 is not correct, they are so small font.

3. The title is not informative, please change it.

4. Did you search any database about probiotics and endocarditis?

5. For definitive diagnosis of endocarditis where is your criteria?

6. What dose difference between infective endocarditis and subacute bacterial endocarditis?

7. Did your patient have other predisposing factors as cardiac diseases?
4. your final sentence" Finally, we suggest that these patients avoid use of probiotics” seems is not absolutely correct, because probiotics is so important for health! In such patients how can the physicians avoid inappropriate use of probiotics?

8. Reference 3 has not published yet.

9. Figure 1 delete.

5.

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

Yes

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

Unable to assess

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

No

**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.

Not relevant to this manuscript

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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