

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 69347

Title: Diet and intestinal bacterial overgrowth: Is there evidence?

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03713791

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Brazil

Manuscript submission date: 2021-06-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-07-04 08:04

Reviewer performed review: 2021-07-04 13:29

Review time: 5 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statementsConflicts-of-Interest: [☐] Yes [☒] No**SPECIFIC COMMENTS TO AUTHORS**

In the present editorial de Souza et al discussed about the role of diet in small intestinal bacterial overgrowth (SIBO), examining in particular the curative potential of some diets. The topic is interesting, the article is easy to read and attractive. However I do not understand why it was submitted to World J Hepatol. The target of the journal is inadequate. Minor comments: 1) The cutoff of culture for SIBO is $>10^5$ CFU/mL and not $>10^3$ CFU/mL. 2) Page 4: some sentences are in Portuguese. 3) A description/discussion of SIBO in obesity is lacking, with analysis of macronutrients intakes as causative factors.

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Title: Diet and intestinal bacterial overgrowth: Is there evidence?

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00034489

Position: Editorial Board

Academic degree: AGAF, MD, PhD

Professional title: Director

Reviewer's Country/Territory: Japan

Author's Country/Territory: Brazil

Manuscript submission date: 2021-06-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-07-05 06:39

Reviewer performed review: 2021-07-06 08:02

Review time: 1 Day and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

An editorial on diet for SIBO. It's a essay, but I think the content is a little too simple. The improvements are described below. 1) The SIBO definition citation is incorrect. The original text of ACG is "The most recent North American Consensus found that the literature points more accurately to a bacterial colony count of $\geq 10^3$ colony-forming units per milliliter (CFU / mL) in a duodenal / jejunal aspirate as diagnostic of SIBO (12). "is. I can't type it well here, but the 3 in 10^3 is a superscript. It is "103" in your paper. 2)

A more detailed description of dietary treatment for SIBO is desirable. 3) Please use English for the cited part of Reference 10.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03260095

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Doctor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: Brazil

Manuscript submission date: 2021-06-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-07-04 06:14

Reviewer performed review: 2021-07-10 09:23

Review time: 6 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

In accordance with recent updates on small intestinal bacterial overgrowth (SIBO), this editorial also needs some updates. 1. The name 'SIBO' is defined as an increase in hydrogen gas on breath test in diagnosis, and an increase in methane gas is defined as Intestinal Methanogen Overgrowth, so the terminology needs to be revised accordingly.

2. According to recent clinical guidelines, rifaximin, a non-absorbable antibiotic, is the generally accepted treatment for SIBO. A description is required for this. 3. In the description of Diet and SIBO, there are sentences in languages other than English.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05275052

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Director

Reviewer's Country/Territory: Ukraine

Author's Country/Territory: Brazil

Manuscript submission date: 2021-06-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-07-04 10:27

Reviewer performed review: 2021-07-13 19:28

Review time: 9 Days and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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statementsConflicts-of-Interest: [☐] Yes [☒] No**SPECIFIC COMMENTS TO AUTHORS**

The idea of study is very interesting and necessary not only for the basic science, but for the clinical practitioners. Authors represent the review article where the diet as possible way for SIBO treatment has been investigated based on the current evidence. In my opinion the study needs more work with more profound analysis of the data, because there is lack of information about the effect of diets, the kind of studies, where the effect of diet was investigated. Except of this, I recommend to pay attention to the diet of Dr Nirala Jacobi, that is popular as one of the treatment ways for SIBO. Additionally, my recommendation is to include the evidence about gut microbiota and its possible association with SIBO and diet as one of the possible ways to impact not only on SIBO, but on specific bacteria. In part "DIET AND SIBO: WHAT'S EVIDENCE" there is one sentence not in English. Authors should more attentively revise the manuscript before sending to the World Journal of Hepatology.