

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 45680

Title: Beneficial effect of probiotics supplements in reflux esophagitis treated with esomeprazole: A randomized controlled trial

Reviewer's code: 02992691

Reviewer's country: Greece

Science editor: Ruo-Yu Ma

Date sent for review: 2019-01-11

Date reviewed: 2019-01-22

Review time: 1 Hour, 11 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The issue of this study is interesting and remarkable. This study presents that intestinal bacterial overgrowth strongly affects the recurrence of reflux esophagitis. Esomeprazole could improve the reflux symptoms successfully. Moreover, the probiotics which added



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to PPIs in reflux esophagitis treatment can reduce bacterial growth and inflammation increasing motility in gastrointestinal system. Probiotics conversely affect on intestinal bacterial overgrowth and reduce the rate of recurrence in reflux esophagitis. There are some questions needed reply; Firstly, basic RDQ scores and LHBT results should be given to comparing findings. It is not clear why the follow-up period was completed at 48 weeks. How do probiotics using only 8 weeks stay effectively for a long period of time? Why do the authors talk about 5% and 25% percentiles? This kind of details giving information make your study confusing. Please correct them. On the other hand, this study needs some corrections: In RESULTS; Statistical methods should not be mentioned in results . Please , write statistical analysis sections below sentences: (1) The t-test was used for comparison of age, body mass index (BMI), and waist circumference between the probiotics and placebo groups. The Chi-squared test was used for comparison of sex, RE grade,..... (2) Whereas the Kaplan-Meier method offered a descriptive view of the time-to-relapse curve, Cox regression was.... There are some spelling mistakes (e.g.METERIALS; this results). Please check carefully and correct them.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title



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[] Plagiarism

[Y] No

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Name of journal: World Journal of Gastroenterology

Manuscript NO: 45680

Title: Beneficial effect of probiotics supplements in reflux esophagitis treated with esomeprazole: A randomized controlled trial

Reviewer's code: 02992693

Reviewer's country: South Korea

Science editor: Ruo-Yu Ma

Date sent for review: 2019-01-11

Date reviewed: 2019-01-22

Review time: 1 Hour, 11 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
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<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
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		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

In this study, a combination of proton pump inhibitors and probiotics have been used to treat GERD. The Authors have assumed that addition of probiotics may decrease the recurrence of GERD symptoms. This is a relatively novel hypothesis. The therapeutic



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effects of RE patients treated with a combination of esomeprazole and probiotics were evaluated. The samples are big, and the methods are described in detail. The findings are interesting, and the results are well discussed. The manuscript is required a minor language revision, and an editing of the format is also required.

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Name of journal: World Journal of Gastroenterology

Manuscript NO: 45680

Title: Beneficial effect of probiotics supplements in reflux esophagitis treated with esomeprazole: A randomized controlled trial

Reviewer's code: 02943706

Reviewer's country: United States

Science editor: Ruo-Yu Ma

Date sent for review: 2019-01-11

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Review time: 1 Hour, 11 Days

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			Conflicts-of-Interest:
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			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Very interesting study about the therapeutic effects of RE patients treated with a combination of esomeprazole and probiotics. In my opinion, only some minor language polishing should be revised. Thank you.



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