

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pharmacology and Therapeutics

**Manuscript NO:** 39914

**Title:** Blood glucose response after oral intake of lactulose in healthy volunteers: A randomized, controlled, cross-over study

**Reviewer's code:** 03966983

**Reviewer's country:** Iran

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-06-01

**Date reviewed:** 2018-06-02

**Review time:** 1 Day

| 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 type="checkbox"/> Grade B: Very good       | <input checked="" type="checkbox"/> Grade B: Minor language | (High priority)                                    | <input checked="" type="checkbox"/> Anonymous |
| <input checked="" 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 type="checkbox"/> Minor revision            | topic of the manuscript:                      |
| publish   | <input type="checkbox"/> Grade D: Rejection                 | <input checked="" type="checkbox"/> Major revision | <input type="checkbox"/> Advanced             |
|   |   | <input type="checkbox"/> Rejection                 | <input checked="" 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 study by Steudle et al., was conducted to investigate the Blood Glucose Response After Oral Intake of Lactulose. A series of major revisions are needed: - How did they recognized and excluded subjects with liver enzymes > 10% above reference range,



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fasting blood glucose > 100 mg/dL or HbA1c > 5.7 %, total cholesterol > 250 mg/dL or triglycerides > 150 mg/dL, hemoglobin < 11 g/dL (women); < 12.5 g/dL (men)? Were all the mentioned variables assessed at the baseline???? - What does it mean “without major protocol deviations”. Is there any minor protocol deviations? What were those? - What was the strength of the study? has this study any novelty? - Check the abbreviations. You should explain each of your abbreviations the first time it appears in the text. e.g. glycaemic index (GI). - In discussion section, discuss why this could happen: “Despite the higher concentration of carbohydrate impurities in the used lactulose liquid formulation with 26.45 % in comparison to only 1.5 % in crystals, both formulations showed similar blood glucose curves with no differences when evaluating primary and secondary endpoints”. - The discussion section should be written more extensively, and focus on previous related studies. Discuss previous related studies.

## **INITIAL REVIEW OF THE MANUSCRIPT**

### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pharmacology and Therapeutics

**Manuscript NO:** 39914

**Title:** Blood glucose response after oral intake of lactulose in healthy volunteers: A randomized, controlled, cross-over study

**Reviewer's code:** 01490285

**Reviewer's country:** United Kingdom

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-06-01

**Date reviewed:** 2018-06-04

**Review time:** 2 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 checked="" 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 type="checkbox"/> Minor revision    | topic of the manuscript:                      |
| publish  | <input type="checkbox"/> Grade D: Rejection                 | <input type="checkbox"/> Major revision    | <input type="checkbox"/> Advanced             |
|  |   | <input type="checkbox"/> Rejection         | <input checked="" type="checkbox"/> General   |
|  |   |  | <input type="checkbox"/> No expertise         |
|  |   |  | Conflicts-of-Interest:                        |
|  |   |  | <input type="checkbox"/> Yes                  |
|  |   |  | <input checked="" type="checkbox"/> No        |

### SPECIFIC COMMENTS TO AUTHORS

Original findings. Good quality project and manuscript. Limitations very limited and discussed in paper

## INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ [Y] No

### *BPG Search:*

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- ☐ [Y] No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pharmacology and Therapeutics

**Manuscript NO:** 39914

**Title:** Blood glucose response after oral intake of lactulose in healthy volunteers: A randomized, controlled, cross-over study

**Reviewer's code:** 03664056

**Reviewer's country:** Sudan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-06-01

**Date reviewed:** 2018-06-07

**Review time:** 6 Days

| SCIENTIFIC QUALITY                                     | LANGUAGE QUALITY   | CONCLUSION   | PEER-REVIEWER STATEMENTS                      |
|--|--|--|---|
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| <input type="checkbox"/> Grade C: Good                 | polishing  | <input type="checkbox"/> Accept                    | <input type="checkbox"/> Onymous              |
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|  |  |  | Conflicts-of-Interest:                        |
|  |  |  | <input type="checkbox"/> Yes                  |
|  |  |  | <input checked="" type="checkbox"/> No        |

### SPECIFIC COMMENTS TO AUTHORS

Taking in consideration the role of exercise in energy expenditure, a more strict design might have been more appropriate especially if we are to consider the expected variation between subjects in regard and how it can influence the blood glucose levels.



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Abbreviations are to be used after being written in full e.g AE

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