

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 57884

Title: Exenatide once weekly combined with metformin reduced glycemic variability in type 2 diabetes by using flash glucose monitoring system

Reviewer's code: 03674832

Position: Peer Reviewer

Academic degree: FACC, FACS, FRCP, MD, PhD

Professional title: Doctor, Emeritus Professor, Professor

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2020-06-27

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-08-28 14:12

Reviewer performed review: 2020-08-29 07:02

Review time: 16 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 Grade E: Do not publish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 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 checked="" type="checkbox"/> Accept (General priority) <input 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 statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Yes Yes Relatively small number of patients

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 57884

Title: Exenatide once weekly combined with metformin reduced glycemic variability in type 2 diabetes by using flash glucose monitoring system

Reviewer's code: 02541960

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-06-27

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-08-28 23:47

Reviewer performed review: 2020-08-30 01:13

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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study aims to evaluate the improvement in glycemic variability, blood glucose level and metabolic index of patients with type 2 diabetes after EXQW and metformin combination treatment. The authors concluded that EXQW in combination with metformin can effectively improve blood glucose levels and reduce GV along with relatively low risk of severe hypoglycemia. This article is well written and of clinical interest. However, several issues should be improved before the consideration for publication. Major comments 1 Appropriate captions and legends should be provided in tables and figures. In Figure 2, what the vertical bar represents? 2 The patients characteristics is poorly written in Table 1. Age and sex are necessary data, which should be described in the Abstract. Data of, for instance, body mass index, smoking, pre-existing diseases, and complications are also informative. 3 During the treatment with EXQW and metformin, how did the authors advise to diet and physical activity? 4 The most limitation is the lack of control group, which should be mentioned in the limitation section. Minor comments 1 The conclusion in the abstract should be concise.

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 57884

Title: Exenatide once weekly combined with metformin reduced glycemic variability in type 2 diabetes by using flash glucose monitoring system

Reviewer's code: 00058696

Position: Editor-in-Chief

Academic degree: MD

Professional title: Doctor, Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-06-27

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-08-28 21:06

Reviewer performed review: 2020-08-30 16:38

Review time: 1 Day and 19 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 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
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I have carefully read this new study. My major questions are summarized below:

1. This clinical trial is actually a prospective, interventional study that can either be described as a case-crossover study or a pre-post study. The authors' designation and description need to be changed. 2. The authors need to review all of their statistics. Using data from Table 4 with a standard on-line paired t-test calculator, non-significant p values are the result of the ad hoc analysis. 3. No p values are presented in the Abstract and the Abstract should be acceptable for evaluation without requiring a complete analysis of the entire manuscript. 4. The Abstract is too long and should be shortened. 5. The authors use abbreviations in a manner that makes it difficult to read their manuscript. There is an undefined abbreviation in the first line of their Abstract. There are too many abbreviations in the Results section. Undefined abbreviations are used in Figure 1, Table 1, and Table 2. 6. Did the authors seek the assistance of an English consultant? There are awkward sentence structures. For examples: line 3 abstract: "low hypoglycemia incidence"; hypoglycemia is a noun as is incidence; it should either read low incidence of hypoglycemia or low hypoglycemic incidence. In the Introduction: "with the same HbA1c" consider "with similar or identical HbA1C results"; "which is a reliable" consider "because it is a more reliable"; "Besides, the safety" consider "In addition, the safety"; "In this study, we observed the" consider "As the aims of this study, the clinical and therapeutic effect of combined EXQW and metformin treatment in type 2 diabetes patients are evaluated by using dynamic glucose monitoring and metabolic indicators". 7. The sentence in the Introduction that starts with "A recent study has revealed that exenatide twice daily" should be in the Discussion and should be followed by a sentence that states "This present study has extended this prior research by demonstrating that ...". 8. The paragraph in the



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Introduction that starts with “Flash glucose monitoring system” should be moved in the Introduction to before the authors’ hypothesis. 9. In Material and Methods Endpoint, there should be a reference provided for assessment of pancreatic islets function and insulin resistance. In Material and Methods FGM system Data, FGM should not be abbreviated (abbreviations should not be used in a Section Header) and the authors do not state in this section whether the “parameters for blood glucose control” were determined using a statistical package. 10. In the Results section, the authors provide mean values but need to add standard deviations. 11. The references need to be carefully completed. Several are now incomplete and many are not in proper format.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 02541960

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-06-27

Reviewer chosen by: Han Zhang (Part-Time Editor)

Reviewer accepted review: 2020-10-10 13:01

Reviewer performed review: 2020-10-10 13:15

Review time: 1 Hour

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 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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SPECIFIC COMMENTS TO AUTHORS



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The manuscript has been improved according to the comments. Thank you for interesting paper.