

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 68437

Title: Can the management of depression in Type 2 diabetes be democratized?

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05808679

Position: Deputy Editor-in-Chief

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2021-10-29

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-31 02:26

Reviewer performed review: 2021-11-07 13:46

Review time: 7 Days and 11 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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous

statements

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

SPECIFIC COMMENTS TO AUTHORS

Strengths: 1. The author summarizes the common pathological mechanism of depression and diabetes exhaustively, and innovatively concluded it from two aspects: behavioural and biological, which helps to deepen our understanding of diabetes. 2. Considering the bottlenecks of managing both diabetes and depression and limited medical resource, the author turn to focus on a new collaborative care model with better availability and applicability. In spite of practical limitations in wider applicability, this embedded integrated approach involving in well-trained non-physicians supervised by physicians and a psychiatrists showed effective improvements in composite measure of depressive symptoms and indices of cardiometabolic health. Limitation: 1.

According to the independent study in this article, the democratized management should be limited in type 2 diabetes and the title of this article extend the range of application improperly. 2. Diabetes can be classified according to different criteria, such as type 1 diabetes and type 2 diabetes, and gestational diabetes and diabetes in older adults have different features. However, this review mainly focused the type 2 diabetes in the democratized management of depression in diabetes and overlook other type 1 diabetes which shows great difference in the management and treatments. And those limits the universality of the conclusion and application in future research. 3. In the part of "Screening and diagnosis of depression", further detailed description on the difference between the depression and diabetes distress had not been explained. Other articles pointed out that distinguishing depression and diabetes improved the quality of life of patients with diabetes and reduce medical costs. 4. The emphasis on subjective diagnosis of depression should be connected with the increased risk of false positives shown in some studies, which was not been elucidated in this review.

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Reviewer's code: 05376168

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2021-10-29

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-09 08:53

Reviewer performed review: 2021-11-20 06:28

Review time: 10 Days and 21 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
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statements

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

SPECIFIC COMMENTS TO AUTHORS

The manuscript is well written and informative. While the manuscript tends to the narrative review, the authors can provide a critical analysis of the literature findings. The clinical effect of INDEPENDENT Study for long term follow up of depression in diabetes can be added.