



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 48461

**Title:** Diabetes empowerment scores among type 2 diabetes mellitus patients and its correlated factors: A cross-sectional study in a primary care setting in Malaysia

**Reviewer's code:** 02446585

**Reviewer's country:** Iraq

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-04-22 03:19

**Reviewer performed review:** 2019-04-23 04:32

**Review time:** 1 Day and 1 Hour

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**

1. The article reflects the importance of assessment of DM treatment in relation with the patient's satisfaction and compliance
2. The manuscript is well organized and the presented data are highly informative
3. It is better to consider sampling from multiple



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centers to insure that the presented data represented the targeted community; moreover, due to many linguistic and grammatical mistakes detected all over the manuscript, it needs extensive linguistic revision by expert in English language.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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

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- Duplicate publication
- Plagiarism
- [Y] No

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

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- [Y] No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 48461

**Title:** Diabetes empowerment scores among type 2 diabetes mellitus patients and its correlated factors: A cross-sectional study in a primary care setting in Malaysia

**Reviewer's code:** 03402733

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-04-23 02:50

**Reviewer performed review:** 2019-04-29 21:14

**Review time:** 6 Days and 18 Hours

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 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 checked="" 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 checked="" 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**

Major comments Thew Hui Zhu et al. performed a cross-sectional study to determine Diabetes empowerment scores the prevalence of diabetic peripheral neuropathy (DPN) in patients with type 2 diabetes mellitus in their facility. This study encompasses an



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interesting topic, but some critical problems are involved in this study. Comments 1. Authors concluded that the study reported a high empowerment scores among type 2 diabetes patients. But the results reported by the study didn't support their conclusion, because the study didn't include control subjects e.g. non-diabetic individuals. 2. Page3; Diabetes Empowerment Scale (DES-28) was developed by the University of Michigan Diabetes Research and Training Center, the questionnaires consists of 28 items with 3 subscales, each item rate with 5 Likert scale (1=strongly disagree, 2=disagree, 3=neutral, 4=agree, 5=strongly agree). Please add the information of reference. 3. Please add explanation for Cronbach's alpha coefficient used in page3. 4. Table 1; Klinik Putrajaya. Is the term collect? Clinic Putrajaya? "Etnicity" should revised into "Ethnicity". 5. Table 3; I found no data in the columns regarding underweight, normal, overweight, and obese. 6. Table 6; Please add the explanation for beta, t, and ,sig.

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

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- No



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 48461

**Title:** Diabetes empowerment scores among type 2 diabetes mellitus patients and its correlated factors: A cross-sectional study in a primary care setting in Malaysia

**Reviewer's code:** 02945812

**Reviewer's country:** India

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-04-22 02:52

**Reviewer performed review:** 2019-04-30 19:31

**Review time:** 8 Days and 16 Hours

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 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

This is a good study. However, it requires minor modifications: 1. The manuscript needs minor language editing 2. The first paragraph of the " discussion" section needs modifications. 3. "Mean±SD" can be removed from table 1 & table 2.



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***BPG Search:***

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**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 48461

**Title:** Diabetes empowerment scores among type 2 diabetes mellitus patients and its correlated factors: A cross-sectional study in a primary care setting in Malaysia

**Reviewer's code:** 03465354

**Reviewer's country:** United States

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-04-23 05:00

**Reviewer performed review:** 2019-05-03 21:16

**Review time:** 10 Days and 16 Hours

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

**SPECIFIC COMMENTS TO AUTHORS**

The proposed manuscript by Zhu and co-authors is a cross-sectional study investigating diabetes empowerment scores among Malaysian patients with type 2 diabetes mellitus (T2DM) and its correlated factors. For measurement of patients empowerment, the



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authors used the Diabetes Empowerment Scale (DES) questionnaire. Main findings from this study are as follows: In this specific population of Malaysian patients with T2DM, the total median score of the DES was 110 (considered high). Predictors of high empowerment score were those who has secondary or higher level of education, exposure to diabetes education, no ischemic heart disease status, or lower HbA1c levels. Generally, as a peer reviewer of this manuscript, I do not find any issues with the study design, statistical calculations or the interpretations of the obtained results. There are also no major issues with the English language. This study has some limitations, such as its single-centered and cross-sectional character, but these limitations are properly discussed in the text. There is also an unequal distribution of factors such as ethnicity, compliance of diabetes treatment, BMI and other. Specific comments and recommendations: - Abstract: In the Abstract section, the authors should state the total number of the patients studied. - References to Tables 3 to 6 are missing in the text and need to be included.

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[Y] No