



**Baishideng  
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## PEER-REVIEW REPORT

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

**Manuscript NO:** 38659

**Title:** Adherence to self-care practices, glycemic status and influencing factors in diabetes patients in a tertiary care hospital in Delhi

**Reviewer's code:** 03699916

**Reviewer's country:** Denmark

**Science editor:** Li-Jun Cui

**Date sent for review:** 2018-03-07

**Date reviewed:** 2018-03-13

**Review time:** 6 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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input 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 Grade E: Do not publish	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 type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

In this study, authors explored aspects of medication adherence and self-care practices in a diabetic population which are closely related to the lower socioeconomic classes. Their study found a large gap existed between self-reported medication adherence and



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glycemic control and suggested that the need for enhanced physician focus for diabetic patient management. Although the study has some limitations, however the data obtained from the study has important implications. This paper is relevant for the readership in WJD.

#### **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 Diabetes

**Manuscript NO:** 38659

**Title:** Adherence to self-care practices, glycemic status and influencing factors in diabetes patients in a tertiary care hospital in Delhi

**Reviewer's code:** 00506276

**Reviewer's country:** Poland

**Science editor:** Li-Jun Cui

**Date sent for review:** 2018-03-07

**Date reviewed:** 2018-03-14

**Review time:** 7 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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input 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 checked="" type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

In this study the authors have examined the adherence to therapy and self-care in 375 patients with diabetes in the tertiary hospital in Delhi. It has been demonstrated that >80% of patients were adherent to anti-diabetic medication therapy with low education level



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and lack of hypertension being the independent predictors of non-adherence in the logistic regression analysis. 84.6% of patients were adherent to diet but almost 70% lacked sufficient physical activity. Non-adherence to physical activity was more frequent in females and in patients living in joint families. Only 17.6% of patients possessed personal glucometer. Foot care was insufficient in most subjects. Knowledge about diabetes was low (3.1 points in the 10-point scale). Low knowledge was associated with low education but not with poor adherence to pharmacotherapy or poor glycemic control. 69% of patients exhibited suboptimal glucose control (more frequent in those treated with insulin than in those receiving oral drugs) The study was carefully performed using adequate methods. The results are reported in detail. The manuscript is well-written and represents the useful contribution to the topic. Specific comment: 1) Page 4, line 7: what do the authors mean stating that “patients with serious co-morbidities were excluded”? What co-morbidities are considered as “serious”? The co-morbidities being the exclusion criteria should be clearly listed.

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

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

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[Y] No



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 38659

**Title:** Adherence to self-care practices, glycemic status and influencing factors in diabetes patients in a tertiary care hospital in Delhi

**Reviewer's code:** 02951258

**Reviewer's country:** Ukraine

**Science editor:** Li-Jun Cui

**Date sent for review:** 2018-03-07

**Date reviewed:** 2018-03-21

**Review time:** 14 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 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 type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

This article needs the major revision. After the major revision and repeat review it possible could be published. 1. The overall structure of the manuscript is incomplete: key words are missing. 2. The main scientific question proposed in the manuscript



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“Adherence to self-care practices, glycemic status and influencing factors in diabetic patients in a tertiary care hospital in Delhi”, by Saurav Basu et al. is interesting. This article is devoted to the importance of medical adherence and education in achievement of optimal diabetes control. 3. The information about the study population, material and methods should be supplemented. Clear information about the HbA1c levels, not only glucose level, diabetic complications and concomitant diseases should be included. Authors should provide exact information about inclusion/exclusion criteria. It would be interesting to perform analyses among different age groups. 4. Grammar, spellings and symbols should be corrected through all article. Format of some references should be corrected and they should be arranged sequentially. 5. I was confused with some results provided in this article: on page 6: "Patient on insulin therapy was found to be significantly associated with medication non-adherence", but on page 10: "In the present study participants on insulin reported higher medication adherence compared to those on oral hypoglycemic agents". Authors should explain this results. 6. It was interesting finding that absence of hypertension was found to be independent predictor of medication non-adherence. I think this finding should be explained.

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

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

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- No

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

- The same title



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Duplicate publication

Plagiarism

No