

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 59358

Title: Dyslipidemia and cardiovascular disease risk factors in patients with type 1 diabetes: A single-center experience

Reviewer's code: 03674017

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Israel

Manuscript submission date: 2020-09-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-09-09 15:11

Reviewer performed review: 2020-09-09 17:25

Review time: 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 retrospective study suggests a very high prevalence of dyslipidemia in people with type 1 diabetes. I am curious why young people with type 1 diabetes are associated tripled comorbidity of dyslipidemia in the study population? 1. It is interesting that either age or sex is the risk factor for dyslipidemia in this study. The univariate comparisons between participants with and without dyslipidemia as well as its specific type (such as elevated LDL-C) is necessary to present. 2. Please indicate the regression model the authors used to predict the dyslipidemia. 3. It is also critical to suggest how many people used statins or other lipid-lowering drugs. 4. The flow diagram of patient recruitment is also necessary. 5. It is also critical to show the remission rate of dyslipidemia in this population.

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 59358

Title: Dyslipidemia and cardiovascular disease risk factors in patients with type 1 diabetes: A single-center experience

Reviewer's code: 01219902

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Israel

Manuscript submission date: 2020-09-09

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-10-09 05:13

Reviewer performed review: 2020-10-14 04:56

Review time: 4 Days and 23 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
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 type="checkbox"/> Yes <input checked="" 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 is a comprehensive analysis of a wide range of CVD risk factors and dyslipidemia in type 1 DM (T1D) patients. I have some comments about the MS. #Title of the paper: I admit that the association between CVD risk factors and dyslipidemia shown in Table 3, which is considered to correspond to the title of this paper, is an important finding of this paper. But this is one of them. Interpreting other tables and figures (Tables 1&2, Figures 1&2), the CVD risk factors analyzed PER SE (i.e., regardless of its association with dyslipidemia) are also important. I would recommend the following title (as in the running title): 'Dyslipidemia and cardiovascular disease risk factors in patients with type 1 diabetes: a single-center experience' #This comment is also related to the above one. Reading the abstract, especially its 'Results', it is about 'the association between dyslipidemia and CVD risk factors' all over. But this paper also has the results shown in Tables 1&2/Figures 1&2, which are not necessarily about 'the association'. Please incorporate all the results shown in tables and figures into the abstract with easy-to-understand expressions. #Table 1, 'lipid profile': In this line, it says, 'n=144, n=77, n=73' but not 'n=170, n=86, n=84'. These are the subject numbers where lipid data are available? An appropriate explanation needs to be described in the table caption. #Table 2, 'Cardiovascular disease risk factors in patient (>I think 'patients' is better here)': This is also the same as the above. In this line, it says, 'All n=149, n=74, n=75' but not 'n=170, n=86, n=84'. These are the subject numbers where risk factor data are available? An appropriate explanation needs to be described in the table caption. #Figure 1 and 2: In each of these figures, the 'CVD risk factors' analyzed in this paper need to be listed in the figure legend (by making it). #Some of the readers (including this reviewer) must be unfamiliar with this kind of statistical analyses. Please make sure of the correctness of the statistical methods of this MS with professionals of statistics.



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#There are a number of grammatical errors throughout the MS. Ex. -Abstract, conclusion, line 1: elevated lipid profile is >>> elevated lipid profiles are -Introduction, 2nd paragraph: 1st line: Study >>> Studies; Last line: the excess CVD risk >>> the excess of CVD risks -etc, etc, etc...