Reviewer’s report

Title: An international survey on hypoglycemia among insulin-treated type I and type II diabetes patients: Turkey cohort of the non-interventional IO HAT study

Version: 0 Date: 14 Dec 2017

Reviewer: Petros Thomakos

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The study is well conducted and adequately powered but I believe that the criteria for at least 1 episode of hypoglycemia during one-month period does not add to any of our preexisting knowledge on hypoglycemia frequency in Type 1 Diabetes.

In addition, comparing the incidence of hypoglycemia retrospectively and prospectively in the absence of any intervention does not have any valuable clinical significance.

The information provided regarding severe hypoglycemia and hypoglycemia required hospitalization is very valuable.

In page 6 line 113: fear of hypoglycemia rated by the patient on a scale of "0 (not afraid at all) to 10 (absolutely terrified)" needs to be referenced accordingly. It would be better if a validated questionnaire was used e.g. Hypoglycemia Fear Survey-II (Gonder-Frederick LA, et al. Psychometric properties of the hypoglycemia fear survey-ii for adults with type 1 diabetes. Diabetes Care 2011;34:801-6).

Page 6 Line 129: American Diabetes Association (ADA) in 2017 guidelines defines as clinically significant hypoglycemia a blood glucose value of <54mg/dl. It would be preferably if you could additionally analyze the data using this cut-off point.

In page 13 line 265 please replace "..in the 4-week retrospective.." with " in the 6 months retrospective".

In page 15, line 325: "A better awareness of hypoglycemia" can be confused with hypoglycemia awareness status.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes
Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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