

## Answering reviewers

*Title: Predictors of hypoglycemia in insulin-treated patients with type 2 diabetes mellitus in Basrah*

*Authors: Dhuha Tarik Nassar, Omran S Habib, Abbas Ali Mansour*

### **Reviewer 00503074**

Title of the article : Predictors of Hypoglycemia in Insulin-Treated Patients with Type 2 Diabetes Mellitus in Basrah Manuscript category: OBSERVATIONAL STUDY  
Overall publication value of the article: 1. Is the subject an important one?: Yes 2. Does the article possess scientific/practical value?: Yes 3. Title: Does the title bring the main message of the study?: Yes 4. Abstract: Is the abstract presented in structured form?: Yes 5. Does the abstract give an adequate picture of the entire article?: Yes. **Please change type 2 DM to be T2DM. Done**

6. Introduction: Is the background of the study made clear and helpful to readers unfamiliar with the subject?: Yes 7. Is the purpose of the article clearly stated?: Yes. **Please add a paragraph about complications of hypoglycemia and why it is important that the patient should be well educated about it and how to treat it.**

**There is one** Hypoglycemia is very frequent and serious complication of insulin therapy, especially in those with intensive treatment and unawareness of hypoglycemia is a very dangerous situation that complicated the problem more

8. Material and Methods: Is the research design appropriate and the methods clearly explained?: Yes 9. Are the criteria for selecting the sample clearly explained and justified?: Yes 10. Are the essential characteristics of the sample adequately described?: Yes 11. Is the sample size adequate and representative?: Yes 12. Has the data been collected in a systematic and comprehensive manner?: Yes 13. Is the statistical methodology appropriate?: Yes 14. Are there any ethical concerns about this study?: No 15. Results: Is the analysis of the data systematic?: Yes 16. Are the results important?: Yes 17. Discussion: Is the interpretation of the results clearly presented and adequately supported by the evidence adduced?: Yes 18. Conclusions: Are the conclusions logically valid and justified by the evidence adduced?: yes 19. Graphics: Are all the figures and tables adequate and necessary?: Yes 20. References: -Are the references up-to-date?: Yes - Have the most important previous studies been cited?: Yes 21. Minor comments a) Add one paragraph to introduction b) Language revision.

**Reviewer 00506294**

The manuscript entitled: "Predictors of Hypoglycemia in Insulin-Treated Patients with Type 2 Diabetes Mellitus in Basrah" is an analysis of factors involved in hypoglycemia in Basrah. The authors found an important number of variables that determine hypoglycemia but the most important are considering all the results and after the logistic regression analysis, the only residence (rural), knowledge of hypoglycemia symptoms , availability and increasing frequency of self-monitoring blood glucose when device was available , the presence of the peripheral neuropathy, high diastolic blood pressure and low Hb A1c concentrations that were significant and independent predictors of hypoglycemia. The number of patients studied is important, the statistical analysis is advanced and the results are clear and interesting for the readers of the Journal. In conclusion it is a good article about this matter. Minor comment: There are an many abbreviations along the text and is a difficulty to follow the article.

**Response: We have fixed this problem, thanks for your comment.**

**Reviewer 00503474**

Title of the article : Predictors of Hypoglycemia in Insulin-Treated Patients with Type 2 Diabetes Mellitus in Basrah Manuscript category: OBSERVATIONAL STUDY  
Overall publication value of the article: 1. Is the subject an important one?: Yes 2. Does the article possess scientific/practical value?: Yes 3. Title: Does the title bring the main message of the study?: Yes 4. Abstract: Is the abstract presented in structured form?: Yes 5. Does the abstract give an adequate picture of the entire article?: Yes. Please change type 2 DM to be T2DM. 6. Introduction: Is the background of the study made clear and helpful to readers unfamiliar with the subject?: Yes 7. Is the purpose of the article clearly stated?: Yes. Please add a paragraph about complications of hypoglycemia and why it is important that the patient should be well educated about it and how to treat it. 8. Material and Methods: Is the research design appropriate and the methods clearly explained?: Yes 9. Are the criteria for selecting the sample clearly explained and justified?: Yes 10. Are the essential characteristics of the sample adequately described?: Yes 11. Is the sample size adequate and representative?: Yes 12. Has the data been collected in a systematic and comprehensive manner?: Yes 13. Is the statistical methodology appropriate?: Yes 14. Are there any ethical concerns about this study?: No 15. Results: Is the analysis of the data systematic?: Yes 16. Are the results important?: Yes 17. Discussion: Is the interpretation of the results clearly presented and adequately supported by the evidence adduced?: Yes 18. Conclusions: Are the conclusions logically valid and justified by the evidence adduced?: yes 19. Graphics: Are all the figures and tables adequate and necessary?: Yes 20. References: -Are the references up-to-date?: Yes - Have the most important previous studies been cited?: Yes

21. Minor comments:

a) Add one paragraph to introduction

b) Language revision.

**Response: Thanks for your comments. We have corrected these two problems.**