

REVIEWER'S REPORT

Manuscript No.: IJAR-56348

Title: Prevalence, incidence, and associated risk factors of hypoglycemia among patients with diabetes using insulin pump therapy: mini review.

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*).....

Rating	Excel.	Good	Fair	Poor
Originality		Yes		
Techn. Quality		Yes		
Clarity		Yes		
Significance		Yes		

Detailed Reviewer's Report

The manuscript titled “*Prevalence, Incidence, and Associated Risk Factors of Hypoglycemia among Patients with Diabetes Using Insulin Pump Therapy: Mini-Review*” addresses an important clinical issue and presents a well-structured synthesis of existing evidence on hypoglycemia in individuals using Continuous Subcutaneous Insulin Infusion (CSII). The abstract clearly states the background, objective, data sources, search strategy, inclusion criteria, and the narrative synthesis approach, reflecting methodological clarity and relevance. The selection of multiple major databases and the prioritization of high-quality population-based studies and systematic reviews strengthen the scientific rigor of the review. The results appropriately highlight the variability in reported prevalence due to differences in hypoglycemia definitions and monitoring methods and provide meaningful comparisons between CSII and MDI, while also identifying consistently reported patient-related, disease-related, and device-related risk factors. The conclusion is aligned with the presented evidence and offers useful directions for future research, particularly regarding standardization of CGM-based outcomes and reporting of device configurations. However, minor revisions are required, including careful proofreading for typographical and formatting errors, correction of spacing and punctuation issues, removal of numbering artifacts, consistent use of terminology (e.g., hypoglycemia vs hypoglycaemia; CSII formatting), clarification of the statement that no meta-analysis was performed, and slight language refinement to improve readability and academic flow. Overall, the manuscript provides a concise and valuable contribution to diabetes technology literature and can be considered for publication after minor revisions.