Name of journal: World Journal of Diabetes

Manuscript NO: 91188

Title: Insulin therapy in type 2 diabetes: Insights into clinical efficacy, patient-reported outcomes, and adherence challenges

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 06497638

Position: Peer Reviewer

Academic degree: MBBS, MD

Professional title: Adjunct Professor, Director, Doctor, Researcher

Reviewer’s Country/Territory: India

Author’s Country/Territory: Egypt

Manuscript submission date: 2023-12-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-12-25 14:12

Reviewer performed review: 2023-12-25 16:40

Review time: 2 Hours

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<th>[ Y] Grade B: Very good</th>
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SPECIFIC COMMENTS TO AUTHORS
Insulin Therapy in Type 2 Diabetes: Insights into Clinical Efficacy, Patient-reported outcomes, and Adherence Challenges. Very Well written extensive article, more subheading needed under Adherence challenges from 30 to 36 pages. First, what are the original findings of this manuscript? What are the new hypotheses that this study proposed? What are the new phenomena that were found through experiments in this study? What are the hypotheses that were confirmed through experiments in this study? Second, what are the quality and importance of this manuscript? High as insulin use is still low developing countries; What are the new findings of this study? Article covers extensively on type of newer insulins which are long acting and causes less hypos; What are the new concepts that this study proposes? Cost, barriers of insulin use; What are the new methods that this study proposed? specially QOL; Do the conclusions appropriately summarize the data that this study provided? yes. What are the unique insights that this study presented? What are the key problems in this field that this study has solved: adherence challenges are well covered Third, what are the limitations of the study and its findings? What are the future directions of the topic described in this manuscript?
What are the questions/issues that remain to be solved? Specially cost of insulin is an issue. What are the questions that this study prompts for the authors to do next? Recommends public health system to use insulin and make available to patients free. How might this publication impact basic science and/or clinical practice? It will elicit more debates among HCPs and policy maker to make insulin widely available in health system at various levels for easy access.
PEER-REVIEW REPORT

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Title: Insulin therapy in type 2 diabetes: Insights into clinical efficacy, patient-reported outcomes, and adherence challenges

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05771605

Position: Peer Reviewer

Academic degree: MBBS, MPhil, PhD

Professional title: Doctor, Professor

Reviewer’s Country/Territory: Pakistan

Author’s Country/Territory: Egypt

Manuscript submission date: 2023-12-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-12-25 08:22

Reviewer performed review: 2023-12-27 07:01

Review time: 1 Day and 22 Hours

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This a very comprehensive review of the different varieties of insulin regimen being used at present and their impact of the quality of life patients using them for type 2 diabetes mellitus. The review is pertinent since the last decade has seen advancements in the insulin preparations which are very nicely captured by this update. It will be better to include the search strategy used to dig literature for this review and mention the repositories consulted for the same.
### RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer’s code:** 06497638  
**Position:** Peer Reviewer  
**Academic degree:** MBBS, MD

**Professional title:** Adjunct Professor, Director, Doctor, Researcher  
**Reviewer’s Country/Territory:** India  
**Author’s Country/Territory:** Egypt  
**Manuscript submission date:** 2023-12-25  
**Reviewer chosen by:** Li Li  
**Reviewer accepted review:** 2024-02-27 09:38  
**Reviewer performed review:** 2024-02-27 09:42  
**Review time:** 1 Hour

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SPECIFIC COMMENTS TO AUTHORS

Manuscript is fine with changes should be accepted for publication