



### REVIEWER'S REPORT

Manuscript No.: IJAR-58033

**Title: Nurse-Led Diabetes Self-Management Education and Self-Care Support in Diabetes Care**

**Recommendation:**

Accept as it is ..

**Accept after minor revision**

Accept after major revision

Do not accept (*Reasons below*)

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

Reviewer ID: JP085

**Reviewer's Comment for Publication.**

This review article focuses on Diabetes Self-Management Education and Support (DSMES) and the role of nurse-led interventions in improving outcomes among patients with Type 2 Diabetes Mellitus. The manuscript summarizes evidence from randomized controlled trials, systematic reviews, and meta-analyses, highlighting improvements in glycemic control (HbA1c), self-care behaviors, medication adherence, self-efficacy, and quality of life through structured diabetes education programs

**Strength:**

1. Addresses a highly relevant and important public health issue.
2. Includes evidence from systematic reviews, meta-analyses, and clinical trials.
3. Highlights the effectiveness of nurse-led diabetes education programs.
4. Discusses modern approaches such as telehealth, mobile applications, and digital interventions.
5. Provides practical implications for diabetes management and patient education.

**Weakness:**

1. Review methodology and search strategy are not clearly described.
2. Lacks critical appraisal of the quality of included studies.
3. Some sections are descriptive and repetitive.
4. No risk-of-bias assessment presented.
5. Limited discussion of barriers to implementing DSMES in low-resource settings.
6. Several grammatical and formatting inconsistencies.
7. Tables could be simplified and presented more clearly

**Overall assessment:**

The manuscript provides a useful and up-to-date overview of diabetes self-management education and the impact of nurse-led interventions on patient outcomes. The topic is clinically relevant and supported by

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substantial evidence. However, the scientific rigor would be improved by adding a structured review methodology, critical evaluation of included studies, and better organization of the manuscript. Overall, it is a valuable review article with good practical significance.

**Recommendation:** Manuscript accepted for publication after minor revision.