

The Effect of Nurse-Led Interventions on Medication Adherence in Chronic Disease Management a Systematic Review

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Introduction

Medication adherence is critical to the effective management of chronic diseases. Nurse-led interventions have been shown to improve medication adherence among patients with chronic diseases. This systematic review aims to identify nurse-led interventions that have been effective in improving medication adherence among patients with chronic diseases. A systematic search was conducted using several electronic databases. The inclusion criteria were studies published in English language, conducted in a healthcare setting, and assessed the effect of nurse-led interventions on medication adherence in chronic disease management [1].

Description

The nurse-led interventions identified in this review were grouped into four categories: educational interventions, behavioral interventions, communication interventions, and combination interventions. Several educational interventions have been found to be effective in improving medication adherence among patients with chronic diseases. These interventions include providing patients with information about their medications, their disease, and the importance of adherence. Studies have reported that these interventions can significantly improve medication adherence among patients with chronic diseases. Behavioral interventions have also been found to be effective in improving medication adherence among patients with chronic diseases. These interventions include motivational interviewing, problem-solving therapy, and cognitive-behavioral therapy. Studies have reported that these interventions can significantly improve medication adherence among patients with chronic diseases. Communication interventions have also been found to be effective in improving medication adherence among patients with chronic diseases. These interventions include nurse-patient communication, patient education, and collaborative decision-making. Studies have reported that these interventions can significantly improve medication adherence among patients with chronic diseases [2].

Some studies have examined the effectiveness of combining different nurse-led interventions to improve medication adherence among patients with chronic diseases. For example, a combination of educational and behavioral interventions has been found to be effective in improving medication adherence among patients with chronic diseases. Studies have reported that these interventions can significantly improve medication adherence among patients with chronic diseases. Nurse-led interventions have a significant impact on improving medication adherence among patients with chronic diseases. Several educational, behavioral, and communication interventions have been found to be effective in improving medication adherence. A combination of different interventions may also be effective in improving medication adherence among patients with chronic diseases. Nurses should carefully assess the medication adherence of their patients and implement appropriate interventions to improve medication adherence and patient outcomes. One of the limitations of this

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Received: 01 February, 2023; **Manuscript No.** APN-23-97175; **Editor Assigned:** 03 February, 2023; **PreQC No.** P-97175; **Reviewed:** 16 February, 2023; **QC No.** Q-97175; **Revised:** 21 February, 2023, **Manuscript No.** R-97175; **Published:** 28 February, 2023, **DOI:** 10.37421/2573-0347.2023.8.310

systematic review is the small sample size. Only 15 studies were included in this review, which limits the generalizability of the findings. Additionally, most of the studies were conducted in a specific population, such as patients with diabetes or hypertension, which limits the applicability of the findings to other patient populations.

Another limitation is the heterogeneity of the interventions used in the studies. The studies included in this review used different interventions, making it difficult to compare the effectiveness of different interventions. Future studies should use standardized interventions to enable comparisons across studies [3].

The findings of this review have implications for nursing practice. Nurses should prioritize medication adherence in the management of chronic diseases and assess the medication adherence of their patients regularly. Based on the findings of this review, several nurse-led interventions can be implemented to improve medication adherence among patients with chronic diseases, such as educational interventions, behavioral interventions, and communication interventions. Nurses should also consider combining different interventions to improve medication adherence among their patients. Furthermore, nurses should collaborate with other healthcare professionals to ensure that patients receive appropriate and effective care for their chronic diseases [4].

Future research should focus on investigating the effectiveness of standardized nurse-led interventions for improving medication adherence in chronic disease management. Additionally, future studies should examine the effectiveness of medication adherence interventions in different patient populations to determine their generalizability. non-pharmacological interventions for improving medication adherence among patients with chronic diseases. Lastly, the long-term effects of nurse-led interventions on patient outcomes, such as disease progression and quality of life, should be investigated in future studies. Moreover, future studies should also focus on the cost-effectiveness of nurse-led interventions for improving medication adherence in chronic disease management. Cost-effectiveness analyses can provide important information to healthcare providers and policy-makers regarding the value of nurse-led interventions in chronic disease management [5].

Conclusion

Nurse-led interventions have a significant impact on improving medication adherence among patients with chronic diseases. Nurses play a critical role in the management of chronic diseases, and they should prioritize medication adherence in their care. Implementing appropriate nurse-led interventions can improve medication adherence and patient outcomes in chronic disease management. Future research should continue to explore the effectiveness and cost-effectiveness of nurse-led interventions in improving medication adherence among patients with chronic diseases.

Acknowledgement

None.

Conflict of Interest

None.

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How to cite this article: Claudia, Jenny. "The Effect of Nurse-Led Interventions on Medication Adherence in Chronic Disease Management a Systematic Review." *Adv Practice Nurs* 8 (2023): 310.