

## ABSTRACT

### **Efforts to Improve Medication Adherence in Patients with Diabetes Mellitus through Animated Video Intervention**

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**Background:** Patient adherence to diabetes medication, according to several studies, averages around 50%. One contributing factor to non-adherence is the occurrence of side effects from insulin therapy and oral antidiabetic drugs. This study aimed to evaluate the impact of delivering information through animated videos on the understanding of patients with diabetes mellitus regarding medication use, possible side effects, and strategies to manage them. Health education is a process that enables individuals or groups to learn from a state of not knowing to acquiring knowledge that can help them address their health problems. **Objective:** To assess the effect of animated video based education on the understanding of medication adherence among patients with diabetes mellitus. **Method:** This study employs an educational approach through the use of animated videos, developed with the applications Capcut and Filmora. **Results:** The output was an audiovisual medium entitled "Efforts to Improve Medication Adherence in Patients with Diabetes Mellitus through Animated Videos", with a duration of 5 minutes. The video was tested on three respondents, who reported that it was clear and easy to understand. **Conclusion:** The educational video is expected to help the public understand the importance of medication adherence and encourage them to apply it regularly and independently

**Keywords:** Diabetes mellitus, improvement, medication adherence.