

ABSTRACT

Wattimena, Lovia Charmie. 2024. *The Effect of Empowering Elementary School Students on Commitment to Prevent Diabetes Mellitus at SDN Karangbesuki 1, Malang City, Skripsi, Poltekkes Kemenkes Malang Prodi Sarjana Terapan Promosi Kesehatan. Pembimbing I : Sugianto Hadi, SKM., MPH, Pembimbing II : Dimas Dwi Yoga Saputra, S.ST., M.Kes*

Diabetes Mellitus is a metabolic disorder caused by blood sugar levels that increase abnormally due to disturbances in the insulin hormone. Not only adults, children are also threatened by diabetes. So efforts are being made to prevent diabetes in children by empowering students at SDN Karangbesuki 1, Malang City. The aim of this research is to determine the effect of empowering elementary school students on their commitment to preventing diabetes mellitus before and after being empowered. This type of quantitative research is a one group pre-experimental design with a sample of 30. Data collection instruments use a commitment checklist sheet and an observation sheet. The Wilcoxon Signed Rank Test was used for data analysis. The research results show an increase in the number of elementary school students who are committed to preventing diabetes mellitus (pretest = 26 students) and (posttest = 30 students). The results of the analysis obtained a commitment significance of $0.000 < 0.05$ ($p \text{ value} < \alpha$) which means that there is an influence of elementary school student empowerment on commitment to preventing diabetes mellitus at SDN Karangbesuki 1, Malang City. As a recommendation, empowerment methods can be used as an effort to increase the prevention of diabetes mellitus in elementary school children.

Keywords : empowerment, elementary school students, diabetes mellitus, commitment