

THE APPLICATION OF PROCESSED ALOE VERA TO LOWERING BLOOD GLUCOSE LEVELS OF PATIENTS WITH DIABETES MELLITUS TYPE 2

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ABSTRACT

Background; *Diabetes mellitus is a chronic condition characterized by a chronic increase in blood glucose concentration accompanied by various metabolic abnormalities due to hormonal disorders. Bad control of type 2 diabetes mellitus can lead to long-term hyperglycemia. Control of diabetes mellitus can be done using natural ingredients, one of which is aloe vera. Aloe vera is expected to reduce blood glucose levels in patients with type 2 diabetes mellitus.* **Purpose;** *describe the results of implementation of the provision of processed aloe vera in patients with type 2 diabetes mellitus.* **Research methods;** *this study used a descriptive method with a research instrument using a blood glucose levels.* **Results;** *research shows that after being given the application of 200 ml aloe vera treatment every morning and evening for 5 days there was a decrease in blood sugar levels in both resoident.* **Conclusion;** *the application of processed aloe vera can reduce blood glucose levels in patients with type 2 diabetes mellitus.*

Key words : *Aloe vera, Blood Glucose Levels, Diabetes Mellitus type 2*