

**THE APPLICATION OF ALOE VERA GEL TOWARDS HEAL WOUND DIABETIC
ULCER IN RASIKA WOUND CLININC
GUNUNGKIDUL**

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ABSTRACT

Background of study: Diabetic ulcers is a complication of diabetes mellitus resulting from sensory, motor, autonomic neuropathy and/or vascular disorders of the limbs. One of the diabetic ulcer treatment techniques is using aloe vera gel. Aloe vera contains anti-bacterial, anti-inflammatory and can repair tissue damage of diabetic ulcers. **Objective:** to determine changes and developments after applying aloe vera gel to diabetic ulcer wound healing. **Methods:** This research uses descriptive case studies by observing nursing care for diabetic ulcer patients using aloe vera gel at the Rasika Gunungkidul Wound Clinic with an intervention of 12 days and application is carried out every 2 days using the Bates-Jensen Wound Assessment Tool. **Results:** The results of the assessment score before application in respondent 1 score 30 points and respondent 2 score 20 points. After application with aloe vera gel the score on respondent 1 was 20 points while on respondent 2 was 10 points. The two respondents had a decrease in score which indicated that the wound had progressed significantly. **Conclusion:** The application of aloe vera gel can be used as an effective non-pharmacological method for diabetic ulcer wound.

Keywords: Diabetes Mellitus, Aloe Vera Gel, Diabetic Ulcer