

**APPLICATION OF SILVER DRESSING IN DIABETIC ULCER PATIENTS  
AT THE SETABELAN HEALTH CENTER IN SURAKARTA**

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**ABSTRACT**

**Background;** Indonesia is the fifth most diabetic country in the world. The prevalence of people with diabetes in Indonesia increased from 6.9% to 8.5%. The total number of people affected by DM in Central Java in 2023 is 624,082 individuals. In 2023 the number of people with Diabetes Mellitus in Surakarta was 17,191 people. Surakarta Setabelan Health Center had 398 patients with Diabetes Mellitus during 2024. A common complication in diabetes mellitus is diabetic ulcers. Nursing interventions for diabetic ulcers that experience infection are wound care, one of which uses antimicrobial silver dressing. **Objective;** To determine the wound healing process before, after and comparison of respondents during silver dressing. **Method;** Descriptive research through case studies by applying silver dressing to the wound healing process in diabetic ulcer patients. **Results;** Wound score assessment using the Bates-Jensen Wound Assessment Tool found that before and after silver dressing decreased the average score by 1-3 points, the wound was regenerative with the type of exudate and the amount of exudate decreased. **Conclusion;** There is a difference in wound scores after, before, and comparison of respondents during silver dressing. Giving antimicrobial silver dressing can reduce diabetic ulcer wound scores, wounds heal faster and reduce signs of infection.

*Keywords: Diabetic Ulcer, Silver Dressing, Wound Healing Process*