

**APPLICATION OF WOUND CARE USING HYDROGEL TOWARDS  
WOUND HEALING PROCESS ON PATIENT WITH DIABETES  
MELLITUS ULCERS IN BANJARSARI**

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**ABSTRACT**

**Background:** the raising of Diabetes Mellitus respondent has increased complication on diabetes, one of that occurrence is the Diabetes Mellitus ulcers. Reaserchs proved that hydrogel can support autolysis debridement. **Objective:** To describe the results of differences of applying wound care using hydrogel towards wound healing process on patient with Diabetes Mellitus IN Banjarsari **Method:** The study used a case study method and was descriptive with 2 respondents. **Results:** Before using hydrogel on the wound healing process in patient with dabetes mellitus ulcers in Mrs. N with total of 27 and Mrs. S with total value of 48. Before applying wound care using hydrogel which is 48 and after applying wound care using hydrogel became 45. **Conclusion:** based on that data hydrogel is proven effective on wounds regeneration, but there were differences in the two respondents because of several factors, such as nutrition, lenght of injury, and ages.

**Keywords:** Daibetes Mellitus Ulcers, hydrogel, wound care