

APPLICATION OF WOUND CARE WITH NaCl IN PATIENTS WITH DIABETIC ULCERS

Alva Rizqullah Mahendra,, Siti Fatmawat

alvarizqullah15@gmail.com

Nursing Diploma III Study Program

Universitas 'Aisyiyah Surakarta

ABSTRACT

Background: *The cause of infection in diabetes mellitus feet is multi-causal. Infection can occur during the inflammatory, reconstructive or proliferative phases as well as the maturation or remodelling phases of the wound healing process. The process of diabetes mellitus complications in neuropathy conditions and biocellular mechanisms that are enhanced by the presence of wound contamination by pathogenic microorganisms resulting in diabetes mellitus wound infection. Wound ulcers are treated using NaCl fluid, Wound treatment with NaCl 0.9%. Normal saline (NS) or 0.9% sodium chloride (NaCl 0.9%) is the recommended fluid for wound cleansing, as normal saline has the same composition as blood plasma and is therefore safe for the body.* **Objective :** *To know the application of NaCl administration in wound care for patients with diabetes mellitus.* **Methods:** *This research is an applied clinical study using descriptive research methods and was conducted for 3 treatments with NaCl in patients with diabetic ulcers.* **Results:** *Treatment with NaCl in diabetic ulcer patients can reduce the risk of infection in the patient's wound.* **Conclusion:** *The application of NaCl treatment in diabetic ulcer patients can reduce the risk of infection in patient wounds.*

Keywords: *Diabetes Mellitus, Ulcer, NaCl Treatment*