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SIMPLE AND COST EFFECTIVE CITRIC ACID DRESSING FOR DIABETIC FOOT ULCER

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Dr.M.J.Kumari*

1Dr.M.J.Kumari, Prof. cum Principal (Ag.), College of Nursing, Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry, India.

Address for Correspondence: editorjohp@gmail.com

ABSTRACT:

Diabetic foot ulceration develop because of acute or chronic cutaneous compromise of the skin arterial insufficiency peripheral neuropathy or a combination of these factors and other social-cultural factors like barefoot walking and poor economic condition. The patient admitted in surgical ward with diagnose of diabetic foot ulcer with necrotizing fascistic with ischemic heart disease. He was known case of type 2 diabetes mellitus for 2 years on irregular treatment and non-compliance of diet control. He had ulcer in both foot, right side foot ulcer located from little toe spread towards upto below the knee joints was large in size, wound involved in deep tissue bone and tendon also exposed and left foot ulcer located in toe which was small in size. The both foot diabetic wound was cleaned with 3% citric acid soaked gaze pieces, then spread the citric acid soaked gazes over wound and applied dressing not used any other solutions, the wound was irrigated with the citric acid solution whenever necessary. Citric acid dressing was carried out daily up to twenty one days. These non-healing ulcer was treated simply by local application of three percentage citric acid solution every day for 21 days, which led to healing of the ulcer without any complications.