

WOUND IRRIGATION SOLUTION WITH POLYHEXANIDE AND BETAINE PROOF OF EFFECTIVENESS AND EFFICIENCY

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Objectives: Obtain a gentle autolytic debridement, using simple gestures; Maintain a moist environment while respecting the wound's ecosystem; Protect newly formed tissue; Reduce the bacterial load and the biofilm in the different scarring phases for acute and chronic wounds; Adopt the basic principles for washing and rinsing of wounds, primarily in the debridement phase.

Method: Global care – By the multidisciplinary team; Established and adapted protocol; Acceptance of the protocol by the patient and explanations provided about the former for the duration of the therapeutic process; Evaluation and respect of common practices.

Products for dressings: During the treatment phase, 3 products were necessary for a successful. Scarring process – wound irrigation solution with Polyhexanide and Betaine; wound gel with Polyhexanide and Betaine; Ca²⁺ alginate / CMC – non woven compresses.

Drugs: The pain index was assessed in all treatment situations; An antibiotic was used according to different clinical situations and infectious parameters.

Discussion / conclusion: For the majority of the patients treated with full personalised care, the investment is proportional to the result (human, material, time, cost). The selective use of the products (wound irrigation solution and gel with Polyhexanide and Undecylenamidopropyl-Betaine, Ca²⁺ alginate / CMC non woven compresses, Polyurethanfoam with and without ionic silver) provides us with a complete range for the treatment of most wounds in all stages of the scarring process. The constraints presented by the treatment may be decreased by providing the patient with interactive, adapted and precise information. This type of care represents an important evolutionary step for the multidisciplinary team, shows satisfaction with short term results and opens to a new way of viewing wound care and the patient.