

[Treatment of deep wounds with loss of tissue. Value of a 3 percent boric acid solution]

[Article in French]

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PMID: 2141160

Abstract

Following the finding of dramatic improvement in a deep wound with loss of substance treated with a 3 percent boric acid solution, 31 patients hospitalized in a surgical intensive care unit and holding such a wound initially unimproved by classical treatments were subjected, in 1987-88, to a short-time use of this solution. A case-control study retrospectively performed with 12 of the patients demonstrated that after wound granulation was obtained they returned to a normal care unit about three times more rapidly than patients receiving conventional antiseptics (means: 20 and 55 days respectively). This reduction in intensive care duration of stay for these 12 patients saved approximately 2 millions francs. Thus, the 3 percent boric acid solution may be considered an efficient alternative in the treatment of deep wounds with loss of substance, but it is delicate to handle because of toxicity.

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