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Posters and Orals

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Case Study/Series

The Role of Super- Oxidized Antiseptic Solution in Wound Treatment

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The topical application of a super-oxidized antiseptic solution* may play an important role in the treatment of chronic wounds. This poster presents a case series of 3 patients who exhibited lower extremity wounds in which diverse wound treatment modalities were unsuccessful. A multi-disciplinary team approach was utilized in the management of these cases. When wound healing failed, the addition of this topical solution was implemented into the wound therapy. Total wound healing was achieved in 3 of the 4 wounds. 1 of these challenging wounds is still being treated with the super-oxidized antiseptic solution*. ..The twice-daily application of this topical dermal wound care product was a key component for successful healing. After cleansing the wound with normal saline, the super-oxidized water solution*, was topically applied, allowed to air dry, and then covered with a dry sterile gauze dressing. The wound volumes decreased after the first application with continued wound contraction observed weekly until total healing occurred. One wound healed in 1 month and 2 wounds healed within 3 months. ..The topical agent is a super-oxidized, pH neutral, non-toxic, non-irritating, no-rinse dermal wound product that can be utilized to cleanse, lubricate, moisten and debride. It is indicated for use in acute and chronic dermal lesions, stasis and diabetic ulcers, post-surgical wounds, first and second-degree burns, minor irritations, and abrasions of the skin. Initial data and experiences imply that utilizing this wound treatment may well favorably impact wound healing. ..While several clinical studies have been published relating to the super-oxidized antiseptic solution in the treatment of burns, diabetic lower extremity ulcers, and venous ulcers, additional research is warranted. Further review of the science of its unique mechanism of action and its use in the treatment of chronic wounds where infection is being treated are two areas needing additional research. . *Dermacyn, formulated with Microcyn^a Technology, Oculus Innovative Sciences, Petaluma, CA