

SUCCESSFUL MANAGEMENT OF DIABETIC VENOUS ULCER WITH NOVEL ANTI-MICROBIAL HYDROGEL*

Methods:

Patient T is a 69-year-old male patient living at high elevation in Arizona who had developed a chronic diabetic venous wound on the lower leg. Despite being a professional trauma nurse in Emergency Room Medicine for over 45 years, persistent wound status for 12 months resulted in self-referred consideration of an antimicrobial hydrogel that has been shown to effect healing in diabetics (Figure 1). The nurse-patient self-administered hydrogel once weekly until healed. Despite achieving complete and cosmetic closure after 9 weeks, Patient T accidentally reopened the wound tripping which resulted in a new deep ulcer abrasion (Figure 2). The patient followed a similar mode of treatment with self-administered hydrogel once weekly for six weeks at which time the wound was completely healed. Both wounds were treated with use of novel anti-microbial hydrogel and healed completely with full closure and acceptable cosmesis despite diabetic status and 12 months of open wound.*

References:

*FloraSeptic, BonePharm, LLC, Tampa, FL

[1] Spencer T, Gorinshteyn B, Ganey T. Efficacy and Safety of Berberex Wound Cleanser on Post-Operative Surgical Incisions. Clin Surg. 2016; 1: 1196.

Results:

Figure 1



11-30-2022



01-17-2023



01-30-2023



02-06-2023

Figure 2



04-01-2023



04-08-2023



04-22-2023



05-12-2023



05-19-2023

Conclusion:

The application of FloraSeptic led to expedited wound healing, with complete closure. One important differentiating facet of the application was treatment for a persistent, non-healing wound in a patient with diabetes over a relatively short course with no issues of delay, seeping, or need for antibiotics. FloraSeptic, a novel and innovative wound care product, appears to offer a promising solution for healthcare providers in the management of challenging venous ulcers even amidst the additional complication of diabetes. Developed with a botanical formulation to promote healing, Floraspetic provides antimicrobial protection, and sustains a balanced and optimized pH that supports epithelialization and wound closure during the healing process. Previous evaluations in spine surgery have demonstrated reduced surgical site infections and accelerated healing, while at the same time retaining normal skin pigmentation.¹