AgFresh® and BioRelese® Heal Staph and Pseudomonas Infected Leg Wound in 3 Weeks

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PATIENT BACKGROUND

SB is a 72-year-old patient who had a traumatic injury to his left lower leg created by his dog's nails January 15, 2024.

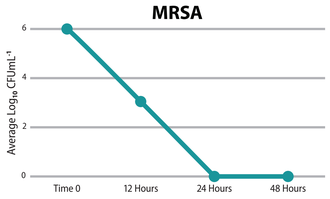
METHOD

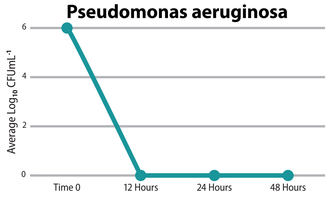
An Image of the wound was taken with a Woods Lamp. The wound was then debrided and treated with BioClense® and dabbed to remove excess moisture. A thin coat of BioRelese® Hydrogel was then applied to the entire wound. Finally, in weeks 1 & 2, a coat of AgFresh® was spread over the entire wound and was covered with a secondary dressing.

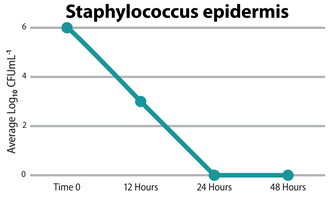
CONCLUSION

Between Jan. 26 and Feb. 1, 2024, the patient's Staph and Pseudomonas infections were both completely cleared and the wound commenced healing by primary intension. The patient was discharged three weeks later, on Feb 16, with complete closure.

STUDY PRODUCT ANTIMICROBIAL TESTING FOR SELECT PATHOGENS







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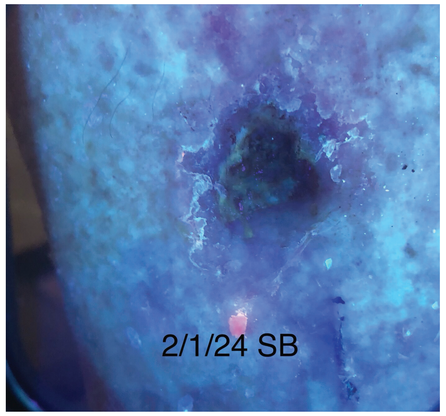

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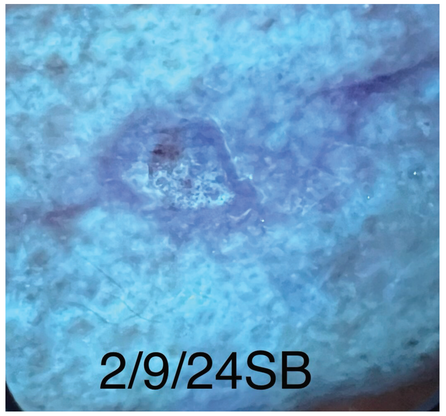

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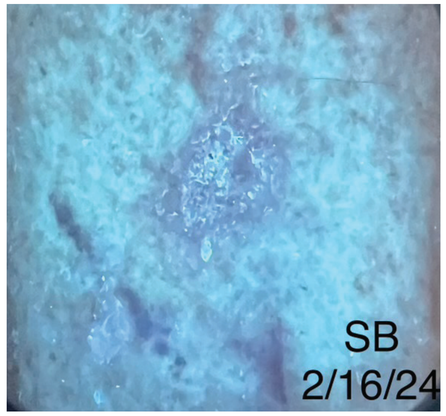

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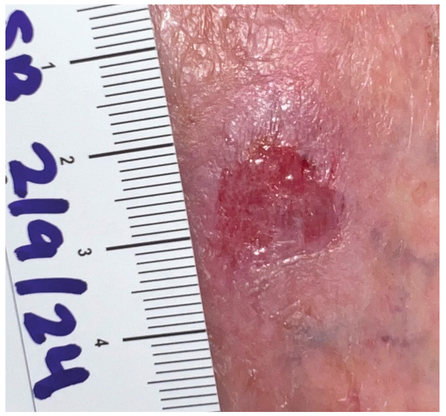

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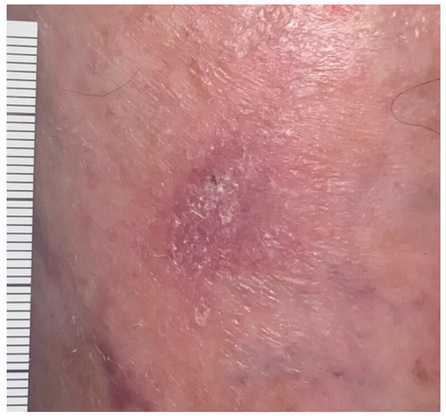

AgFresh® is a combination of two patented technologies, Fentonite® and BioBlock®, that provide a revolutionary approach to wound care. Both technologies are scientifically proven to dissolve biofilms and to inhibit the pathogen communication required to anchor and spread within the wound environment.

Fentonite® is a blend of cationic minerals that have a cationic exchange capacity (CEC) > 10 mEq/100g. The oxygen reactive potential of Fentonite® > 400 mV and the pH is less than 3.5. This combination is unique to Fentonite® and provides the basis for broad-based antimicrobial activity, based upon its antimicrobial characteristics and the communication requirements of biofilms.

BioBlock® is a combination of three poloxamers that encapsulate Octenidine to improve its antimicrobial activity within biofilm structures. Each of the three poloxamers have a designated purpose and provide a holistic approach to biofilm and pathogen removal. The poloxamer micelles time release Octenidine into the biofilm and pathogens within the biofilm.

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