

AgFresh® and BioRelease® Heal Infected Hematoma in Three Months

Michael Lavor, MD; Jessica Barcelo, CCMA; Robert G. Frykberg, DPM, MPH

PATIENT BACKGROUND

JH is a 77-year-old female who in May of 2023 developed a hematoma from trauma that became infected and develop necrotic tissue. Her past medical history, included, hypertension, heart disease, asthma, COPD, osteoporosis, and depression. She has no significant improvement and it was first seen by myself on August 29.

METHOD

She had a combination of AgFresh and BioRelease applied every other day to the wound for two weeks. After that, she had BioRelease applied to the wound with Adaptic and dry sterile dressing every other day. She was followed up in the office for debridement weekly.

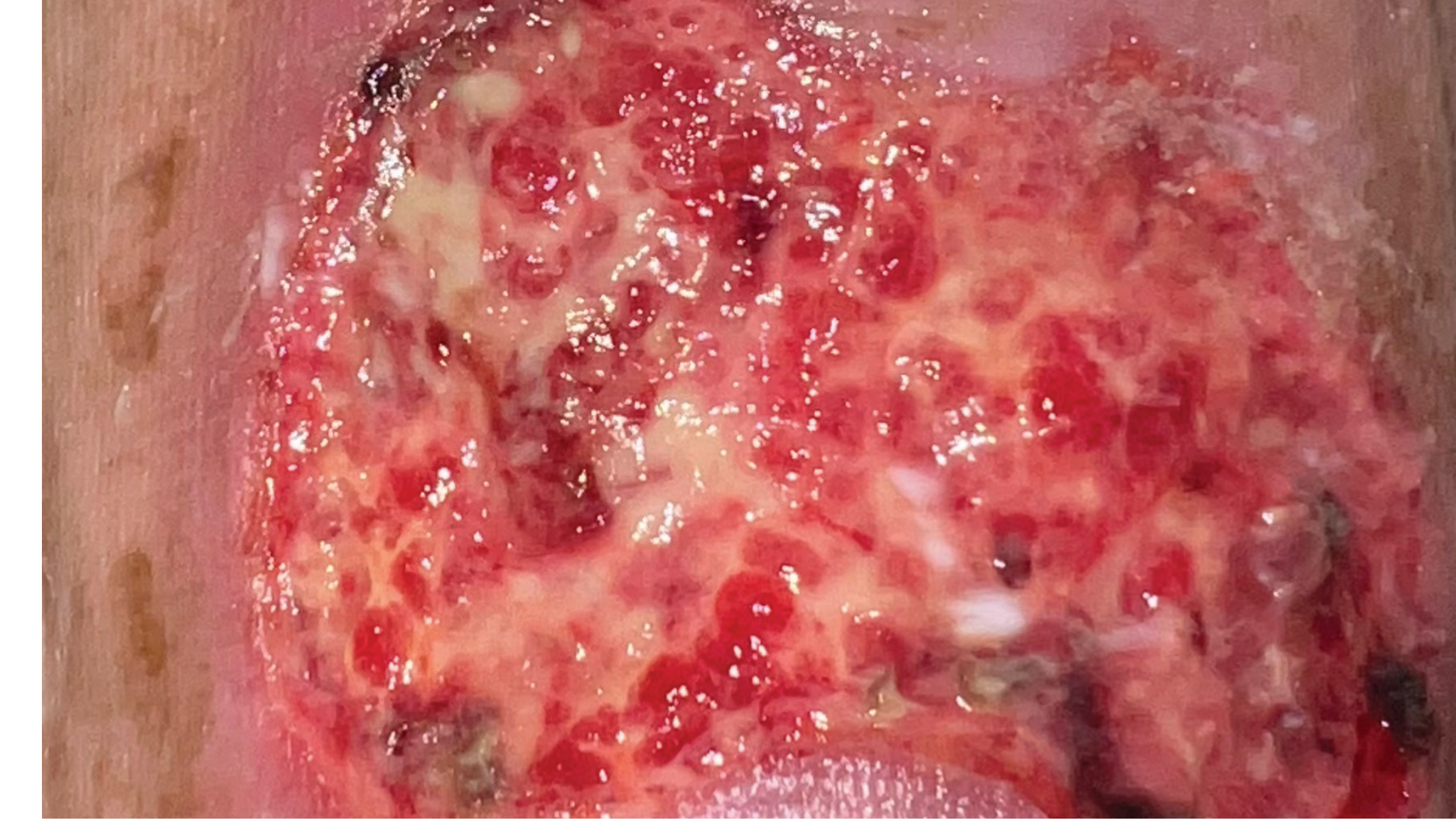
CONCLUSION

She has complete healing of the Wound by December 5, 2023.

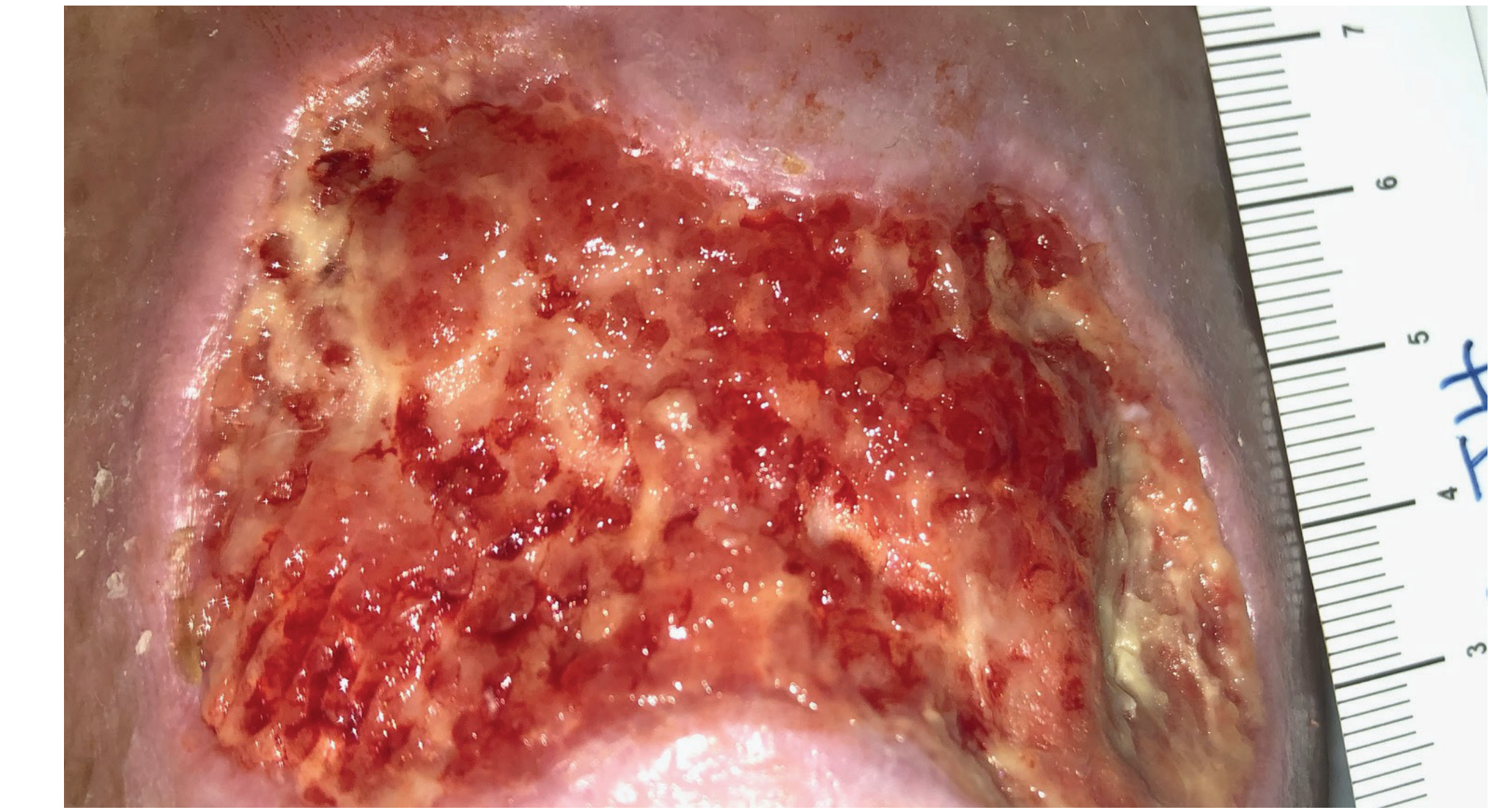
08/29/23



09/12/23



09/26/23



10/24/23



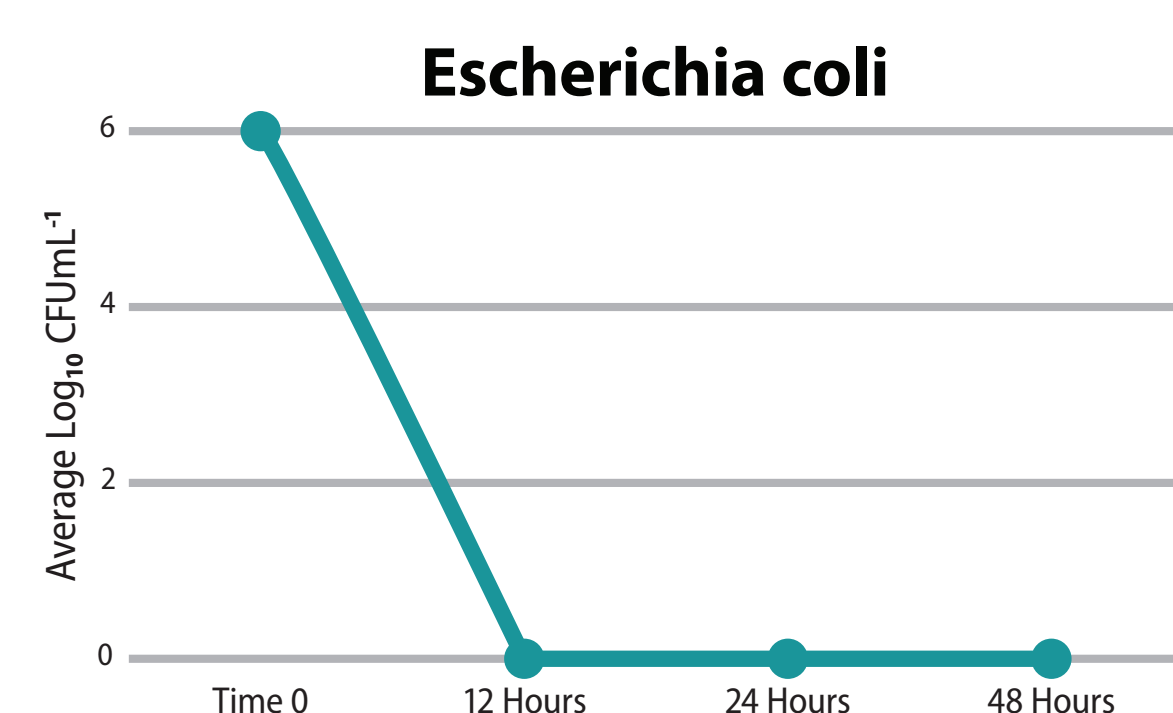
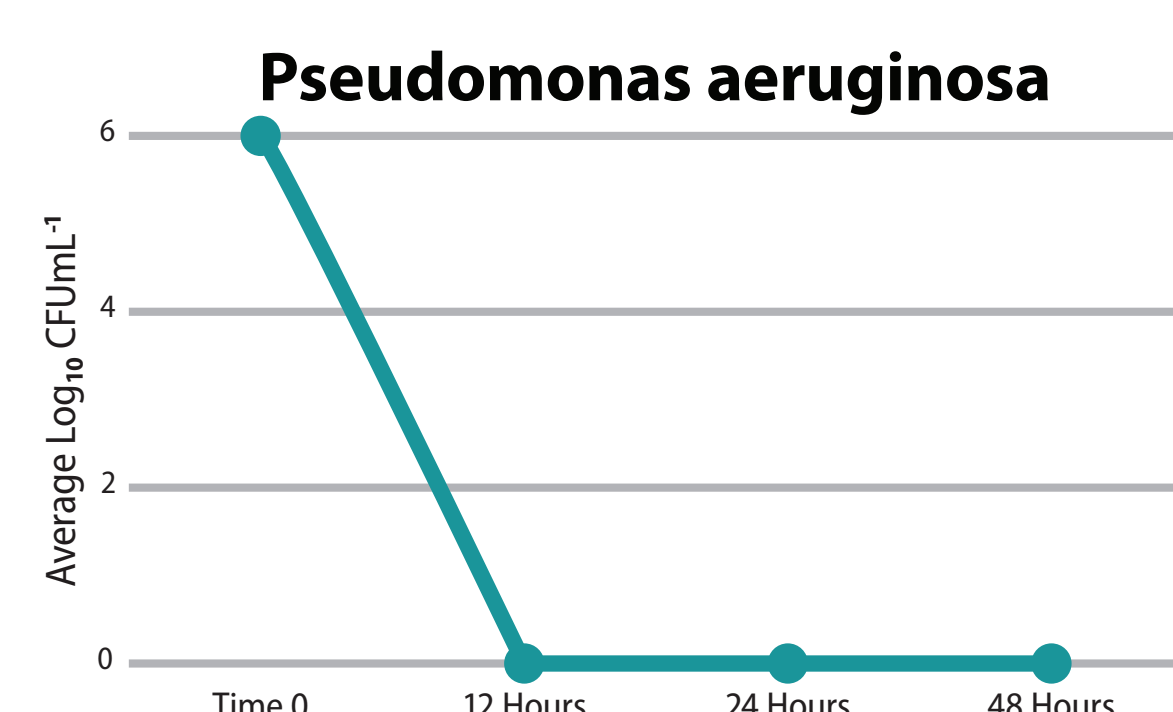
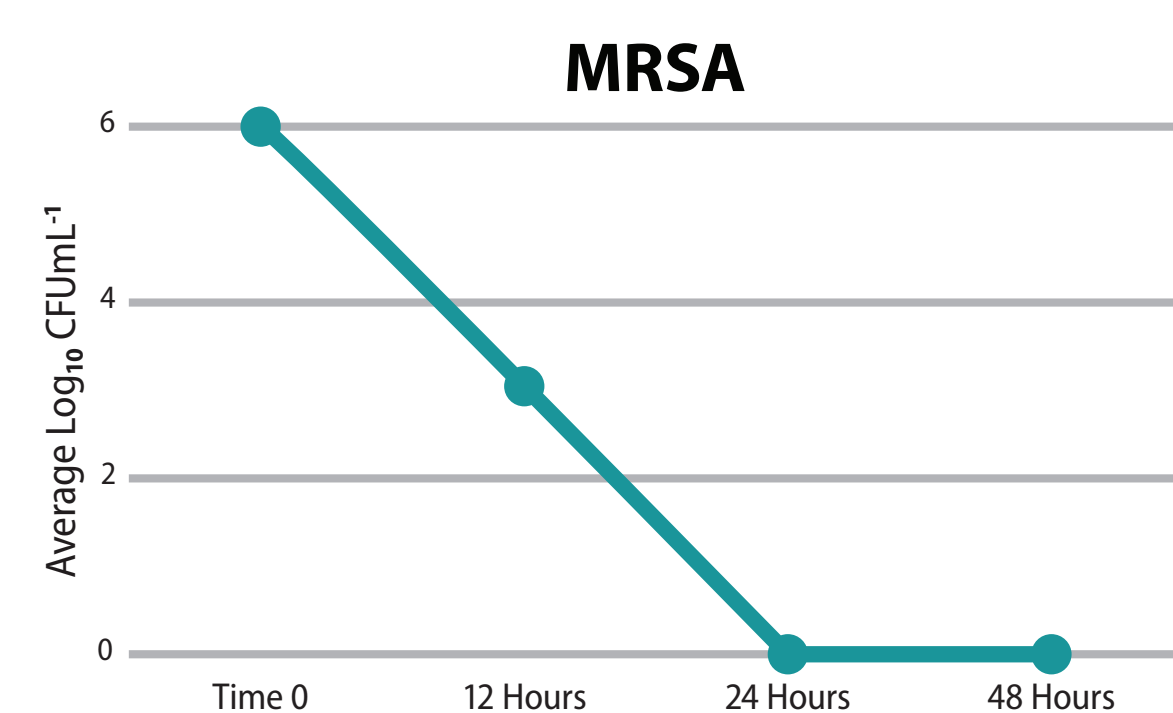
10/31/23



11/28/23



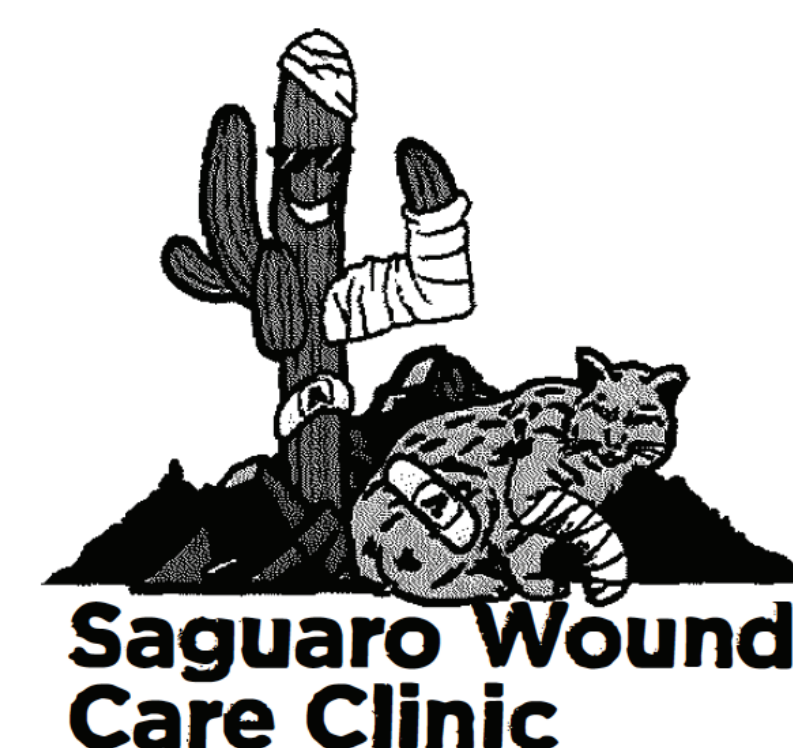
STUDY PRODUCT ANTIMICROBIAL TESTING FOR SELECT PATHOGENS



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 a 3 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.



INVESTIGATORS
Michael Lavor, MD
 Medical Director of Saguaro Wound Care Clinic
Jessica Barcelo, CCMA
 Medical Assistant

MCCORD

Robert G. Frykberg, DPM, MPH
 Medical Director McCord Research