

Meeting the Challenges of Treating the Homeless Community

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PATIENT BACKGROUND

CA is a 65-year-old patient with a history of alcohol abuse, systemic hypertension, and COPD with depression. We first saw her on 6/28/24. She had a history of a third-degree burn approximately three weeks before the time that we saw her. This was due to a fall on a hot sidewalk and an inability to get up for approximately 20 to 30 minutes. She had debridement of the Eschar and treatment with AgFresh® with Fentonite® and BioRelease® with daily dressing changes. She was converted strictly to BioRelease® with dressing changes daily and then every other day with weekly office debridements until complete closure.

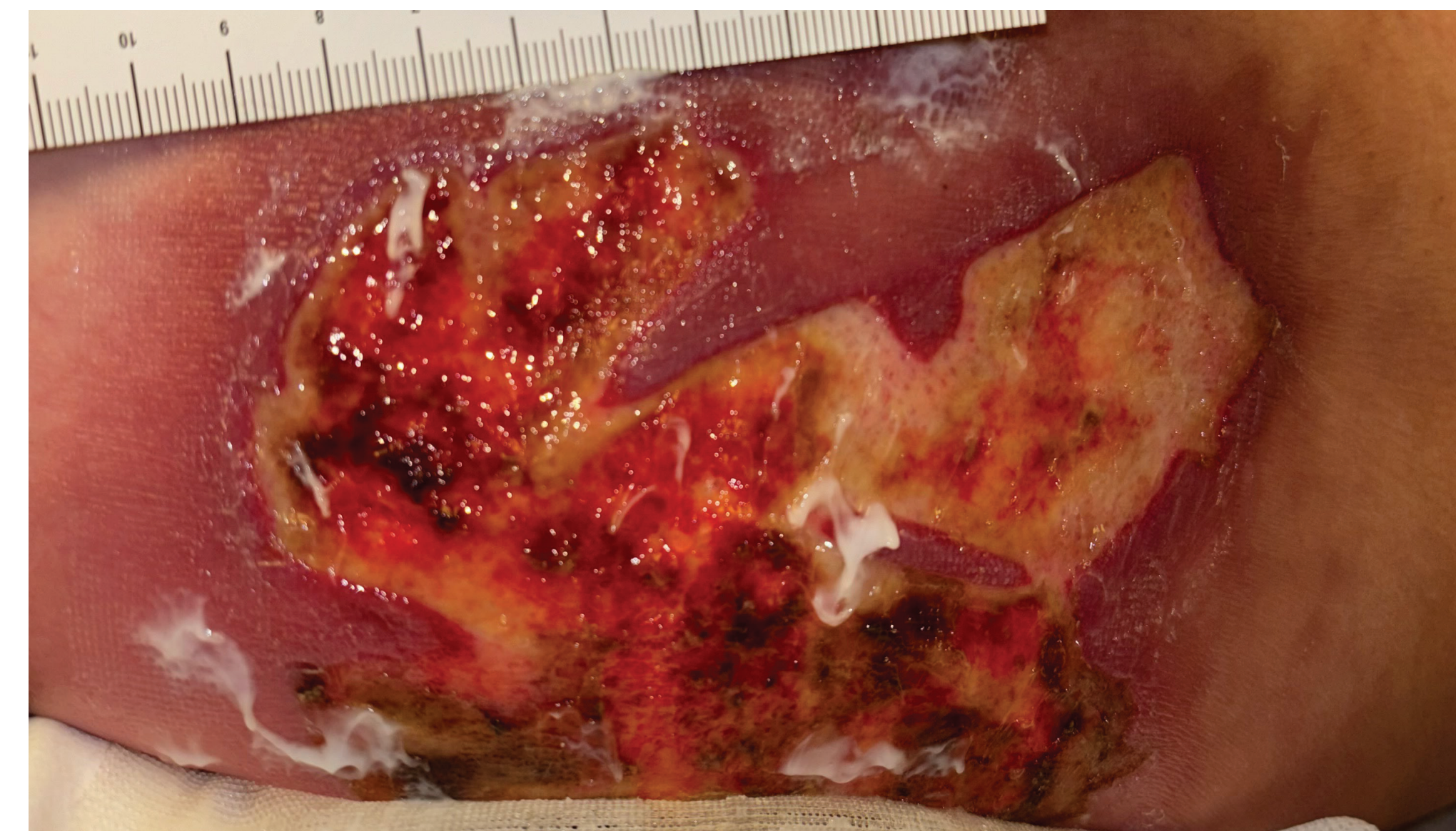
CONCLUSION

Healing homeless patients with burns is incredibly challenging because they often lack access to immediate medical care, leaving their injuries untreated and increasing the risk of infection, chronic wounds, and long-term disability. Advanced topical wound care products like AgFresh® with Fentonite® and BioRelease® can play a critical role in these cases. These treatments help promote faster healing, reduce infection risks, and are more cost-effective than hospitalization or surgeries for advanced burn complications. Providing cost-effective, advanced wound care improves health outcomes. It addresses a significant public health issue by reducing the burden on healthcare systems and helping vulnerable populations regain their independence and quality of life. Ensuring access to these treatments is crucial for improving their chances of recovery.

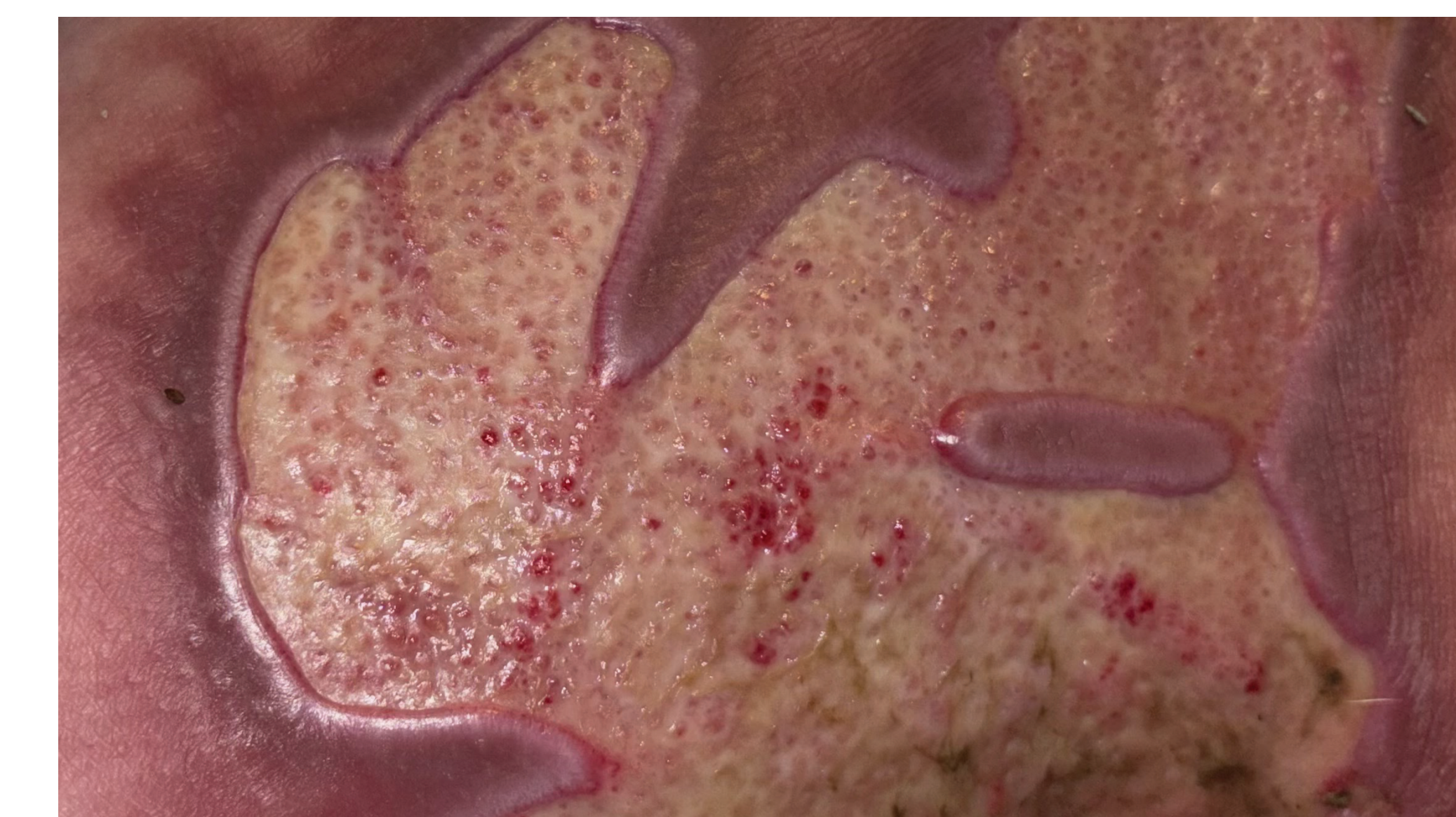
BEFORE TREATMENT



06/28/24



07/08/24



08/07/24



10/08/24

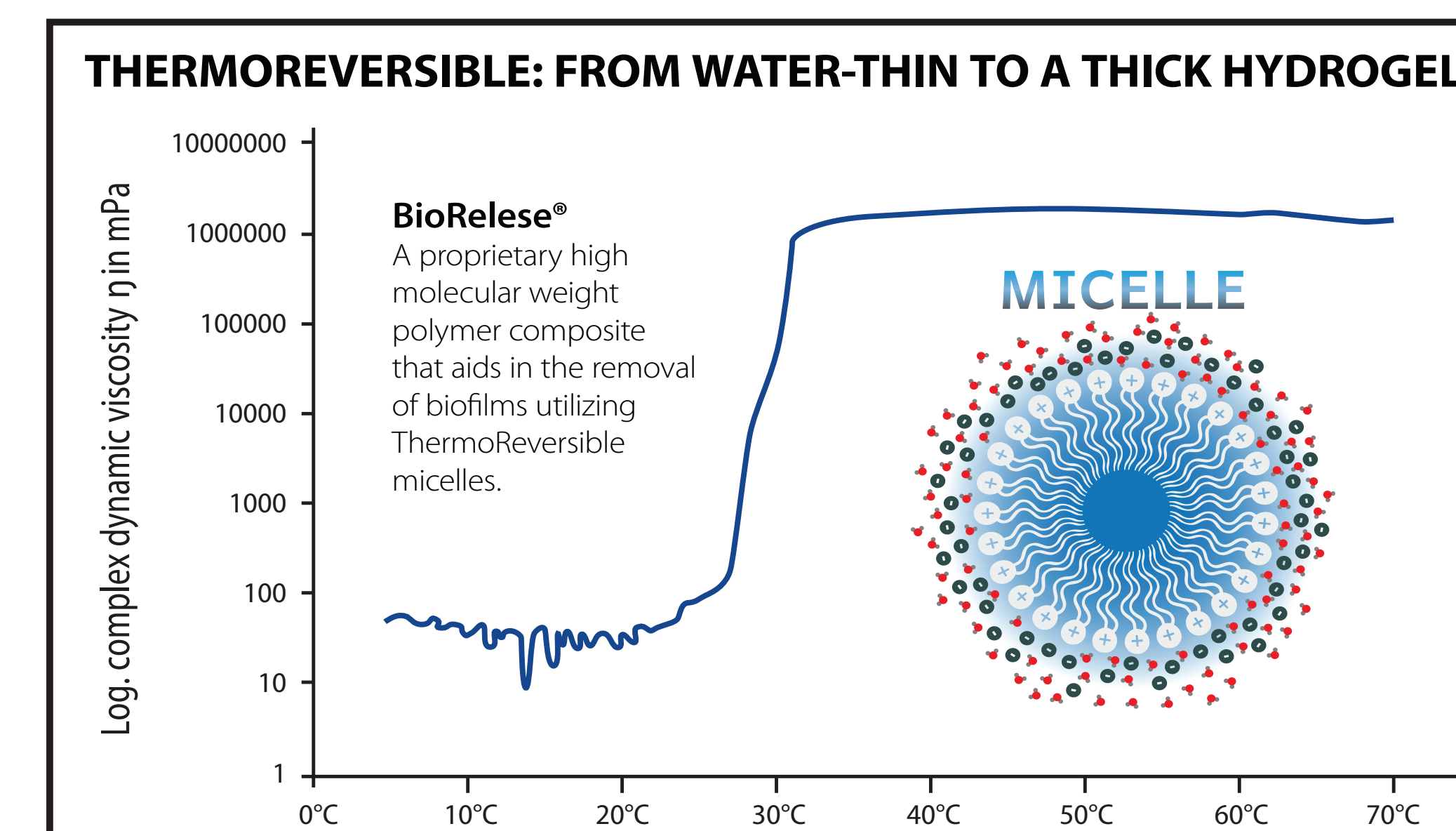


MILLIONS OF THERMO-REVERSIBLE MICELLES COAT BURN-WOUNDS AND PROTECT AGAINST INFECTION

BioRelease® forms millions of micelles that contain a unique preservative system and a time-released antimicrobial that travels deep into the biofilm. The high molecular weight polymers dissolve all the biofilm accounting for a 99.99% removal rate. The antimicrobial system then kills the entrapped pathogens over a 24-hour period and continues to work for up to 5 days. The distribution of the antimicrobial throughout the millions of micelles creates a large surface area over which the antimicrobial activity can act, which provides

long-term protection against any new microbial release within the wound.

The product's thermo-reversibility changes the viscosity of the hydrogel at body temperature. The hydrogel is water thin in the bottle. Once the hydrogel is dispensed into the wound, it quickly becomes a thick, stretchable and moldable hydrogel that form-fits the wound and fills in tunnels that would otherwise have to be packed. This proprietary technology saves time, money and ensures a perfect form-fitting wound bed moisture system.



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