BURN WOUNDS ARE A PERSISTENT GLOBAL PROBLEM

486,000 people seek care for burns each year in the US, leading to 40,000 hospitalizations.

11 million burns are treated globally each year.

INFECTION IS THE LEADING CAUSE OF DEATH AFTER BURN INJURY

>65% of all burn victim deaths are due to biofilm-specific infection.

BIOFILM-SPECIFIC INFECTION INCREASES MORTALITY

60% of all burn victim deaths are due to biofilm-specific infection.

Quick Facts

Burn wounds become infected quickly

- Patients’ burn wounds rapidly attract a range of pathogens from their own skin and contaminated environmental surfaces.
- Burns are quickly colonized by gram-positive bacteria, principally *S. aureus*.
- Within a few hours to a few days, wounds are further colonized by gram-negative bacteria, principally *P. aeruginosa* and *A. baumannii*.

Biofilm complicates burn wound infections

- Bacteria in biofilm form can be 100- to 1000-times more resistant to antibiotics than planktonic or free-floating bacteria.
- In vitro studies have shown that once biofilm is established, silver has limited benefits.
- While current therapies attempt to inhibit bacterial growth in burn wounds, no standard of care exists for treatment of biofilm infection.

TREAT FIRST- AND SECOND-DEGREE BURNS WITH JumpStart Antimicrobial Wound Dressing Powered By V.Dox™ Technology

Published studies demonstrate JumpStart dressing’s ability to:

- Kill a broad-spectrum of microbes, including multidrug-resistant and biofilm-forming bacteria.
- Disrupt established biofilm infection.
- Prevent biofilm from forming.

References