Let iodine take biofilm to task.

More than 90% of chronic wounds contain biofilm, which stalls wound healing and contributes to chronicity. Biofilm is very difficult to remove because it firmly adheres to surrounding tissue and it is highly tolerant to antibiotics. Not even debridement adequately manages biofilm.¹

Enter iodine. Long known as a powerful antiseptic, numerous in-vitro studies demonstrate its superiority to other antibacterial agents—including silver—at controlling biofilm.² ³ ⁴ ⁵

What is biofilm?
Biofilms are bacterial structures physically attached to a surface and characterized by significant tolerance to antibiotics and biocides. Their existence is argued as the single most important cause of delayed wound healing.⁶

Why iodine?
Iodine has been used in wound care since the American Civil War. Although quite cytotoxic in its native state, the iodine of today is bonded to a carrier molecule for a gentler release that maintains efficacy against microorganisms.⁷
Unlock healing potential with IoPlex.

IoPlex with I-Plexomer™ is the world’s only controlled release iodine foam dressing.

A proprietary controlled-release system allows for regulated and sustained infection management through the slow release of iodine within the wound dressing.

**Highly absorbent, gentle and stackable. Easy to apply and remove.**

- Reduces bacterial burden within the wound dressing
- Effectively removes exudate and debris
- Sustained release over 24 to 72 hours
- Can be cut to shape of wound and stacked

IoPlex demonstrated a 4 log or greater kill against MRSA in 5 min and *P. aeruginosa* in 30 min.

**IoPlex Manages Biofilm In-Vitro**

*In-vitro* testing showed that IoPlex had a greater than 4 log reduction against *S. aureus* and *P. aeruginosa* biofilm strains. Clinical significance of these findings have not been determined.

- S. *Aureus*  
- *P. aeruginosa*
IoPlex® is a hydrophilic absorbent foam dressing complexed with slow release iodine for biofilm management.

1. Cleanse wound bed with sterile water or saline. Remove dressing from packaging.

2. Cut dressing to shape of the wound. Minimize overlap onto skin to prevent over drying. If placing under a compression wrap, three IoPlex layers may be stacked for appropriate control/fitting.

3. Cover with appropriate secondary dressing and monitor drainage. IoPlex should remain soft and moist, not wet.

Make skin health second nature.
Empower your team with best practice expertise, caregiver education and a system of products to help improve outcomes. Learn more at medline.com/go/skin-health today.

Ordering information

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References:

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