

## PluroGel®

### Burn and Wound Dressing with concentrated surfactant (Micelle Matrix™) technology

- Poloxamer 188 activates wound healing
- Decreases inflammation & tissue damage<sup>1</sup>
- Improves blood flow after burn injury<sup>2</sup>
- Blocks adhesion of certain proteins to prevent microbial adhesion<sup>3</sup>



**Medline develops innovative skin health products that can improve care outcomes.**

## IoPlex®

### Iodophor Foam Dressing IoPlex® with I-Plexomer™ technology is the world's only controlled release iodine foam dressing

- Reduces bacterial burden within the wound dressing
- Effectively removes exudate and debris
- Released over 24 to 72 hours
- Can be cut to shape of wound and stacked
- Demonstrated a 4 log or greater kill against MRSA in 5 min and P. aeruginosa in 30 min.<sup>4</sup>



<sup>1</sup>Curry DJ, Wright DA, Lee RE, Kang UJ, Frim DM. Surfactant poloxamer 188-related decreases in inflammation and tissue damage after experimental brain injury in rats. *Journal Neurosurg* 2004;101(1 Suppl):91-96. Available at: [https://pdfs.semanticscholar.org/8a72/37f6bdfdc7e9a7d12d673ec05ddacf754d15.pdf?\\_ga=2.266989255.870468603.1543508642-1669357893.1543508642](https://pdfs.semanticscholar.org/8a72/37f6bdfdc7e9a7d12d673ec05ddacf754d15.pdf?_ga=2.266989255.870468603.1543508642-1669357893.1543508642). Accessed November 29, 2018.

<sup>2</sup>Hunter RL, Luo AZ, Zhang R, Kozar RA, Moore FA. Poloxamer 188 inhibition of ischemia/reperfusion injury: evidence for a novel anti-adhesive mechanism. *Ann Clin Lab Sci*. 2010;40(2):115-125.

<sup>3</sup>Birchough SA, Rodeheaver GT, Morgan RF, Peirce SM, Katz AJ. Topical poloxamer-188 improves blood flow following thermal injury in rat mesenteric microvasculature. *Annals of Plastic Surgery*. 2008;60(5):584-588. Available at: <http://www.hastatemizigil.com/makale/teknik5.pdf>. Accessed November 29, 2018.

<sup>4</sup>Tharmalingam T, Ghebeh H, Wuerz T, Butler M. Pluronic enhances the robustness and reduces the cell attachment of mammalian cells. *Mol Biotechnol* 2008; 39(2):167-177. Available at: <https://doi.org/10.1007/s12033-008-9045-8>.

<sup>4</sup>Data on file.

**Together, we can transform injured skin into healthy skin**

Discover transformative solutions designed to stimulate tissue regeneration

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**Skin  
Health**