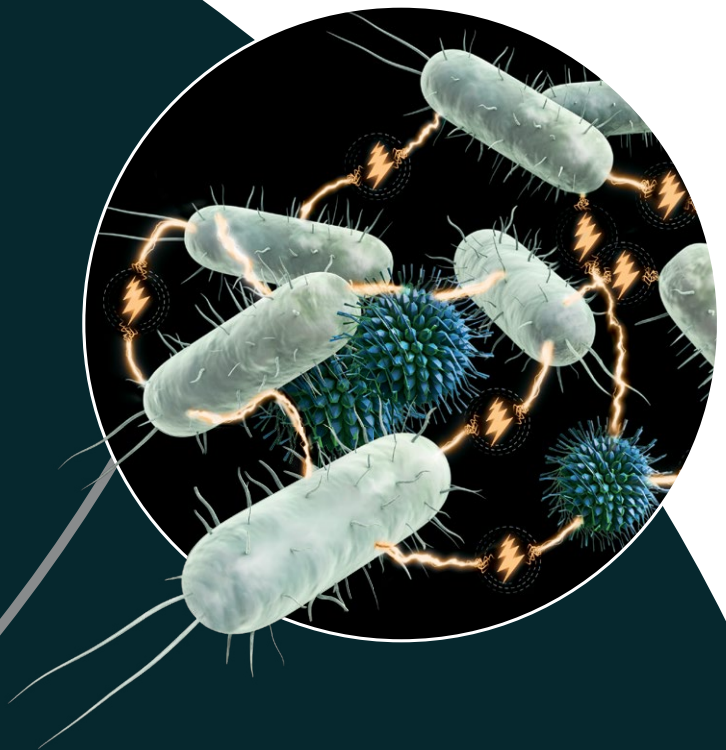
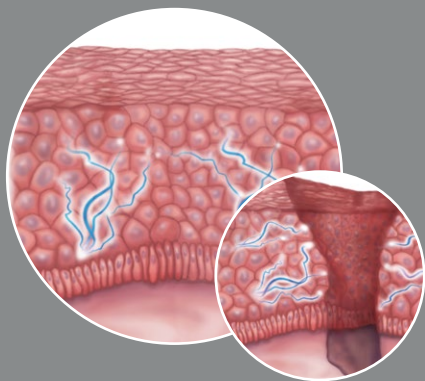


SEND A  
**STRONG SIGNAL**  
TO BACTERIA



**INSPIRED** BY THE BODY.  
**POWERED** BY ELECTRICITY.  
**ENERGIZED** BY RESULTS.™



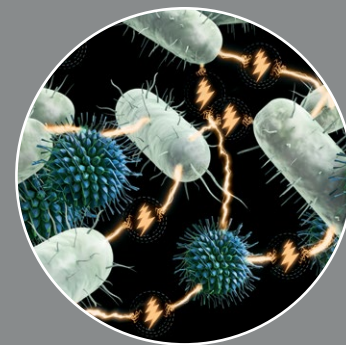
### INSPIRED BY THE BODY.

The skin naturally creates and uses electrical energy to promote healing. Electric fields in the skin create surface energy potential, known as transepithelial potential (TEP). When skin is wounded, a change in electric potential occurs, which drives the cell migration and wound healing process.



### POWERED BY ELECTRICITY.

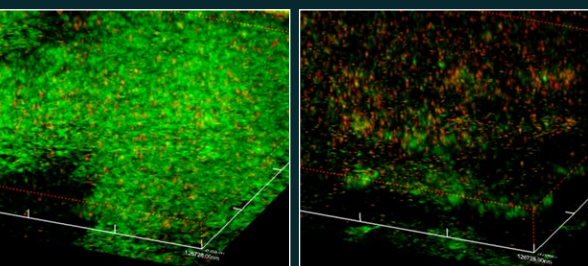
Procellera™ Antimicrobial Wound Dressings – powered by patented V.Dox™ Technology – employ moisture-activated microcell batteries that wirelessly generate microcurrents designed to mimic the skin's electrical energy.



### ENERGIZED BY RESULTS.™

Procellera dressings reduce the risk of infection by killing a broad spectrum of bacteria **without antibiotics** while supporting the body's natural healing process.

## PUBLISHED STUDIES SHOW PROCELLERA DRESSINGS REDUCE THE RISK OF INFECTION<sup>1-5</sup> AND PROMOTE THE HEALING PROCESS<sup>6</sup> TO OPTIMIZE OUTCOMES



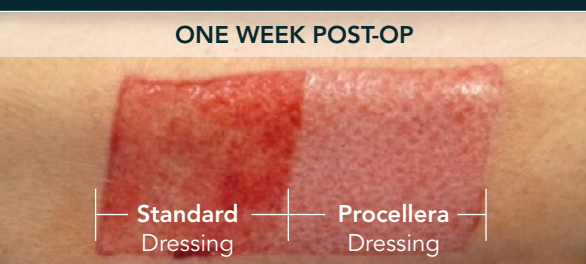
Silver Dressing

Procellera Dressing

Live / dead fluorescence staining demonstrated bacterial killing of *P. aeruginosa* within Procellera dressing compared to a standard silver-based dressing at 24 hours (**Green=alive, Red=dead**)

### Reduce Risk of Infection

- Killed a broad spectrum of pathogens, including multi-drug resistant and biofilm-forming bacteria<sup>1-3</sup>
- Disrupted existing biofilm infection and prevented biofilm from forming, in pre-clinical studies<sup>4</sup>
- Prevented bacterial growth, with sustained antimicrobial impact for up to seven days<sup>5</sup>
- Demonstrated electricidal antimicrobial impact vs. silver dressings<sup>2</sup>



ONE WEEK POST-OP

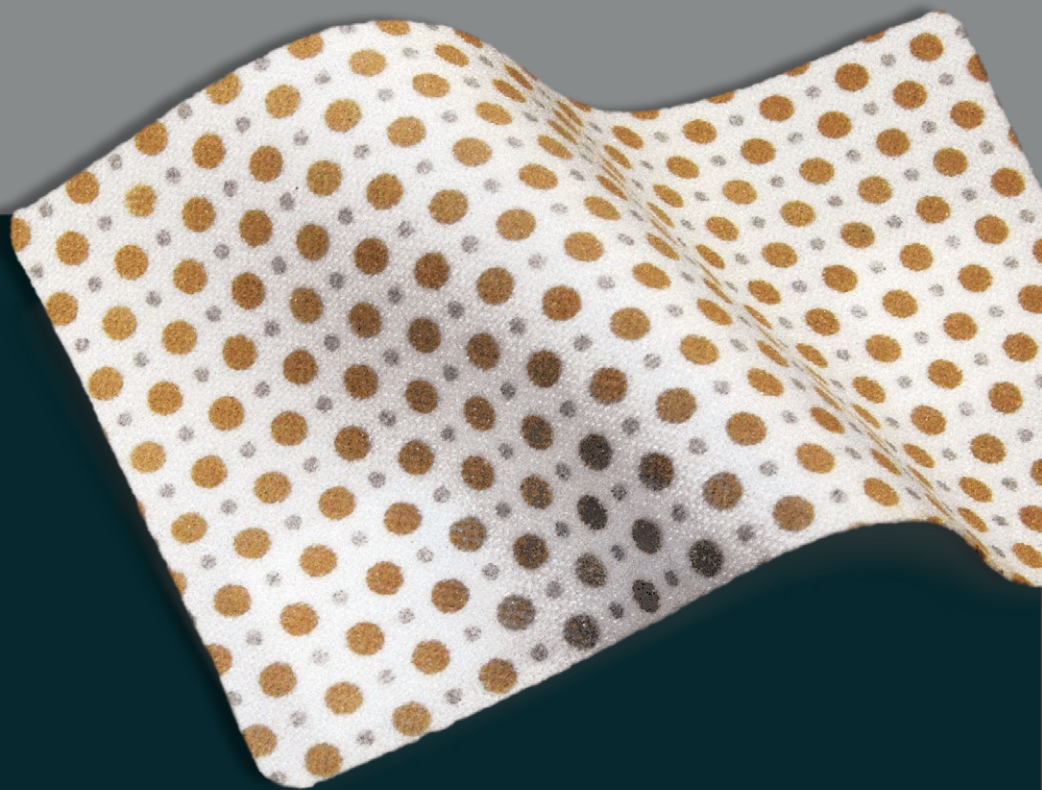
Standard Dressing

Procellera Dressing

### Promote Healing

- Improved re-epithelialization with Procellera dressings vs. standard dressings<sup>6</sup>

Prospective case series; skin graft harvest sites (N=13) demonstrated significantly greater re-epithelialization with Procellera dressing (71.8%) vs. control (46.9%) (p=0.015)



## Reduce the risk of infection and support healing with **THE ONLY TECHNOLOGY OF ITS KIND**

### **BROAD INDICATIONS FOR USE**

Procellera antimicrobial wound dressing is intended for the management of wounds to provide a moist wound environment and is indicated for partial and full-thickness wounds such as pressure ulcers, venous ulcers, diabetic ulcers, first and second degree burns, surgical incisions, donor and recipient graft sites, etc.

Procellera antimicrobial wound dressings with V.Dox technology are versatile and usable as an adjunct to multiple advanced wound care therapies such as:

- Directly over sutures, Steri-Strips™, staples, liquid skin adhesives
- With bioengineered skin substitutes and negative pressure wound therapy<sup>7,8</sup>
- With multilayered compression therapy

Prior to use, please review the Instructions for Use for a complete list of contraindications, warnings, and precautions.

#### References:

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3. Kim H, Izadjoo M. (2015). Antibiofilm Efficacy Evaluation of a Bioelectric Dressing in Mono- and Multi-Species Biofilms. *J Wound Care*, S10-S16.
4. Barki K, Das A, Dixith S, et al. (2017). Electric Field Based Dressing Disrupts Mixed-Species Bacterial Biofilm Infection and Restores Functional Wound Healing. *Ann Surg*, 1-11.
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6. Blount A, Foster S, Rapp D, et al. (2012). The Use of Bioelectric Dressings in Skin Graft Harvest Sites: A Prospective Case Series. *J Burn Care Res*, 354-357.
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8. Ghatak P, Schlanger R, Ganesh K, et al. (2015). A Wireless Electroceutical Dressing Lowers Cost of Negative Pressure Wound Therapy. *Adv Wound Care*, 302-311.

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Rx Only

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