Inspired by the Body.

Powered by Electricity.

Energized by Results.™

Procellera™
Wound Care with Advanced Microcurrent Technology
INTRODUCING

Procellera®

Procellera® from Vomaris is the world’s only microcurrent generating antimicrobial wound dressing. Used in multiple clinical wound care applications, Procellera provides sustained broad-spectrum antimicrobial efficacy and an optimal environment for wound healing.7
**Electricity is Essential to Healing**

The body naturally creates and uses electrical energy to promote healing.¹

![Transepithelial Potential](image)

An electric potential exists across intact skin.² ³ ⁴

![Electrical Field in Tissue](image)

When skin is wounded, a change in electric potential occurs. This stimulus is the earliest guidance signal to initiate cell migration and re-epithelialization, and is essential to wound healing.⁵

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**Versatile Application**

Procellera is used for broad indications across acute and chronic wounds:
- Superficial and full-thickness wounds
- Surgical incisions
- Donor and/or recipient graft sites
- First and second degree burns
- Diabetic, pressure and venous insufficiency ulcers
Augmenting the Body’s Natural Healing Process

Procellera Wound Dressings are an entirely new generation of wound and incision care solutions.

**Advanced Microcurrent Technology™**
Designed to mimic physiologic electric currents, Procellera’s embedded microcell batteries generate microcurrents in the presence of a conductive medium to harness the power of electricity to support the body’s natural electrical healing process.7

- Generates physiologic levels of microcurrent (2-10µA) that are known to be necessary for healing1
- Flexible and portable with no need for external power source

**Conformable & Comfortable**
- Conforms to wound for maximum mobility and comfort
- Easily cut to fit
- Available in a variety of configurations, including Procellera Helix™ composite dressings and Procellera Rx™ non-adhesive single-layer dressings

**Broad Spectrum Antimicrobial Efficacy**
Procellera’s antimicrobial8-10 protection creates an optimal environment for wound healing.2

- Provides effective and sustained antimicrobial efficacy11
- Kills a broad spectrum of harmful pathogens, including multi-drug resistant8 and biofilm-forming bacteria9,10 to help reduce risk of infection
- No silver release into the bloodstream6
Optimizing Outcomes

Studies have shown Procellera to reduce the risk of infection⁸⁻¹⁰ and promote the healing process⁷ to optimize outcomes.

Reduce Risk of Infection

- Effective, sustained broad-spectrum antimicrobial efficacy for up to seven days¹¹
- Prevents bacterial growth¹⁰
- Electricidal antimicrobial efficacy vs. silver alone¹⁰

Live/dead fluorescence staining demonstrates bacterial killing of P. aeruginosa within Procellera compared to a standard silver-based dressing at 24 hours.

Red = dead  Green = alive

Promote Healing¹²⁻¹⁴

- Improved scar appearance vs. standard dressings¹³

Prospective case series, Skin graft harvest sites (N=13)

Provide an Optimal Environment for Wound Healing

- Keratinocyte migration vs. silver observed at 9 hours, in-vitro scratch assay⁷
vo·mar·is

The company name is derived from nature’s remarkable ability to generate electricity when voltage potential (vo) combines with a conductive medium like saline (mar, meaning the ‘sea’ in Spanish). This creates the catalyst for its micrcurrent generating technologies that are redefining the wound care market.

References:


Learn more about Procellera wound care with Advanced Microcurrent Technology™ at Procellera.com or contact a Vomaris representative at 866-496-8743.

VOMARIS

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