Efficiency in managing open wounds

Making VERAFLÔ™ Therapy easier to use with DERMATAC™ Drape
**DERMATAČ™** Drape now available for use with VERAFLÖ™ Therapy

Combining the clinical benefits of VERAFLÖ™ Therapy with the ease of application and comfort of DERMATAČ™ Drape.

**Preferred DERMATAČ™ Drape**

- **86%** of clinicians preferred DERMATAČ™ Drape compared to standard NPWT drape.

**Quick, Easy, and Conformable**

- The first silicone acrylic hybrid drape designed for better handling, improved placement and patient comfort.

**Reduction in dressing application time**

- Compared to standard drape application with V.A.C.™ Therapy

**Strong and Effective Seal**

- Drape has been shown to ensure a seal lasting up to 72 hours under maximum solution exposure during V.A.C.™ VERAFLÖ™ Therapy.
- Silicone allows for repositioning at initial placement and gentle removal

**Evidence of re-epithelization**

- In a 5-patient case study, wounds demonstrated evidence of re-epithelization with or without a dressing change at day 3 (n=3 per group, 4 groups total, 24 wounds).

**Seal maintenance**

- In a simulated wound model (n=5), DERMATAČ™ Drape with V.A.C.™ Therapy maintained a seal in 100% (5:5) of samples vs. Mölnlycke’s Avance® Film with Safetac® technology which failed to maintain a seal in 20% (1:5) of samples.

**Adhesion performance**

- A bench test comparing DERMATAČ™ Drape and Mölnlycke’s Avance® Film with Safetac® technology were evaluated (n=30) comparing adhesion properties under both wet and dry conditions.

**Gentle to Periwound Skin**

- The results from a 5-patient case series suggest that the use of DERMATAČ™ Drape with V.A.C.™ Therapy may help to mitigate periwound skin irritation, like Medical Adhesive-Related Skin Injury (MARSI).
- In a 17-patient observational study, with V.A.C.™ Therapy, there were 53 applications where no signs of maceration or irritation occurred.

**Supports the healing process**

- In a 2 porcine animal study, split thickness wounds were created on the dorsum and managed with DERMATAČ™ Drape as part of the V.A.C.™ Therapy System. Wounds were treated for 5 days. At the end of the animal study wounds demonstrated evidence of re-epithelization with or without a dressing change at day 3 (n=3 per group, 4 groups total, 24 wounds).

**Reduce pain at NPWT dressing changes**

- **63%** of clinicians noted better periwound appearance

**58%** reported to administer pain medications prior to NPWT dressing changes

**Improved Patient Comfort**

- In a retrospective review of 46 DERMATAČ™ Drape Dressing changes, 27 patients reported lower pain scores on average (2.23 ± 2.0) compared to previous studies indicating a mean score of 6.5 when traditional drapes and foam were used.
Good is no longer Good Enough

In 2019, a multidisciplinary global panel stated there is a better way to treat almost all wounds than traditional NPWT.

Practice efficient medicine with VERAFLO™ Therapy

Cleanse

VERAFLO™ Therapy Cleaning Effect

In an ex vivo wound study VERAFLO™ Therapy demonstrated effective cleansing in this model, reducing debris by >90%.

Contralateral porcine wounds were inoculated with fluorescein-dextran and cleansed with saline. Cleansing was evaluated with a fluorescence camera system before and after cleansing.

Granulate

VERAFLO™ Therapy Effect on Granulation Tissue Formation in a porcine model

A significant increase in granulation thickness (p=0.05)

These results have not been confirmed in human studies.

VERAFLO™ Therapy can potentially save hospitals money

Potential per patient cost saving illustrations based on MedStar Georgetown University Hospital Study Results and Cost Modeling Assumptions

Other results are possible depending on patient and therapy variables.

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VERAFLO™ Therapy Effect on Granulation Tissue Formation

An in vivo porcine full-thickness wound model (n=12) by Lessing et al (2015) was used to evaluate granulation tissue thickness following the use of NPWT with instillation.

Each animal received contralateral 5cm diameter full-thickness excisional dorsal wounds that were treated with either V.A.C.® Therapy or VERAFLO™ Therapy with the V.A.C.® GRANUFOAM™ Dressing. VERAFLO™ Therapy was set to instill 20ml of normal saline, soak 5 minutes and apply negative pressure of -125mmHg continuously for 2.5 hours for 10 cycles per day. V.A.C.® Therapy was set at -125mmHg continuous pressure. After 7 days, tissue samples were processed for histology and stained with Masson’s tri-chrome. Granulation tissue thickness was measured from the base of the wound to the surface of the wound.
Mechanical movement at the wound bed

When surgical debridement is delayed or not an option

V.A.C. VERAFLO CLEANSE CHOICE™ Dressings with V.A.C. VERAFLO™ Therapy provides a wound cleansing option.

"Removing wound bioburden at the bedside—could further help facilitate wound healing at a reduced cost."
- Luc Téot, M.D., Ph.D.

Helping to “instill” CONFIDENCE
NEW V.A.C. ULTA™ 4 Therapy+ System

The V.A.C. ULTA Therapy System has been upgraded for improved ease of use. Developed from clinician input, the system now includes three additional features that allow users greater control to manage therapy setting and more confidently resolve common alert/alarm issues.

Animated help
Animated guidance now automatically plays on the device for troubleshooting common alert/alarm issues.

73 year old male patient with leg wound post hematoma debridement. Comorbidities included atrial fibrillation, Chronic obstructive pulmonary disease, peripheral vascular disease (PVD), hyperlipidemia, morbid obesity, coronary artery disease and congestive heart failure. V.A.C. VERAFLO™ Therapy with V.A.C. VERAFLO CLEANSE CHOICE™ Dressing was initiated with normal saline, 5 minute dwell time and 2-hour continuous -125mmHg pressure, dressings changed every 48-72 hours.

POSTPONE INTESTILLATION PHASE
Press “Next” to set duration to postpone VERAFLO™ Therapy instillation phase. Negative Pressure therapy will continue as set.

Therapy inactive alarm timer extension
Using the Dressing Soak feature, users can now delay the therapy inactive alarm for up to 60 minutes.
Innovating for over 50 years

Our comprehensive portfolio of advance wound care solutions has changed the practice of medicine with proven clinical outcomes. Our commitment to improving the lives of patients and supporting clinicians continues with innovations such as V.A.C. VERAFLÒ™, DERMATAÇ™ Drape and the ULTA 4™ Therapy+.

Unparalleled Service, Support and Education

We’re a single, seamless company with nationwide, in-house sales, support and distribution network that manages the entire customer interaction process. With our expert and highly responsive sales teams, our online product-ordering system, and our scores of clinically trained field representatives, we meet you at every turn.

References
2. Napolitano, R. (2019, October) Early Use of a Novel Acrylic-Silicone Hybrid Drape With Negative Pressure Wound Therapy in Lower Extremity Wounds. SAWC Fall, Las Vegas NV.
5. Kharkar, P. (2019, October), Novel Drape with Hybrid Adhesive Has Improved Adhesion Properties. SAWC Fall, Las Vegas NV.
8. Galarza, L. (2019, May)Initial clinical observations using a novel negative pressure wound therapy drape comprised of acrylic and silicone. SAWC Spring, San Antonio TX
9. HMP Surveys.

Footnotes
A. V.A.C. VERAFLÒ™ Therapy System daily cost - approximately 7 cycles per day. $187.03 (based on customer daily rental and disposable rates; assumes 5.8 rental days, three medium dressings, one cassette, 700ml Prontosan, 11 saline plus spike) V.A.C.® Therapy daily cost: $94.93 (assumes 7.2 rental days, three medium V.A.C. GRANUFOAM SILVER™ Dressings, two canisters). Total therapy days equals Time to Final Surgical Procedure Days - 2 days; NPWT and NPWTi typically applied 1-3 days afteradmission. B. V.A.C. VERAFLÒ™ Therapy System daily cost - approximately 10 cycles per day. $193.57 (based on customer daily rental and disposable rates; assumes 5.5 rental days, 1.5 canisters daily for five days, three medium dressings, one cassette, 700ml Prontosan, 11 saline plus spike) V.A.C.® Therapy daily cost: $94.93 (assumes 7.2 rental days, three medium V.A.C. GRANUFOAM SILVER™ Dressings, two canisters). Total therapy days equals Time to Final Surgical Procedures minus 2 days.; NPWT and NPWTi typically applied 1-3 days after admission. C. Photos and case study courtesy of Garrett A. Wirth, MD, FACS

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