WOUND CARE IS COMPLEX & COSTLY

V.A.C. VeraFlo™ Therapy can help.

PROBLEM

Complex wounds pose challenges to clinicians and patients in terms of achieving desired outcomes while managing healthcare costs.¹⁻⁵

OUTCOMES & BENEFITS

Independent studies have demonstrated that V.A.C. VeraFlo™ Negative Pressure Wound Therapy can be more effective than V.A.C.® Negative Pressure Wound Therapy alone.

Retrospective study with Prontosan® Wound Irrigation Solution showed:⁶

- Reduced OR Visits
- Reduced Time to Final Surgical Procedure
- Reduced Length of Stay

Prospective study with Saline showed:²

- Enhanced Granulation Tissue

SOLUTION

V.A.C. VeraFlo™ Therapy, the only NPWT system with an instillation feature which allows solution to dwell in the wound for thorough contact with the wound bed, has demonstrated better outcomes when compared to V.A.C.® Therapy alone.⁶,²
The evolution of V.A.C.® Therapy:

V.A.C.® Ulta™ NPWT Therapy System with V.A.C. VeraFlo™ Therapy

Automated Therapy
With two pumps, one for automated, controlled instillation and the other for removal of topical wound solutions, for example, saline or Prontosan® Wound Irrigation Solution

Product Enhancements
• Intuitive Touch Screen Interface with simple menus
• Fill Assist helps to determine correct instillation volume
• Dressing Soak instills topical wound solutions into the wound for easier dressing removal and increased patient comfort
• Dressings with higher tensile strength and less hydrophobicity
• Drape with improved adhesive properties

V.A.C. VeraFlo™ Therapy combines the proven benefits of V.A.C.® Therapy with an instillation option featuring dwell time
National statistics show that managing complex wounds can be **costly**.

There are over **6.5 MIL.** patients afflicted with chronic wounds and over **$25 BIL.** is spent annually to treat them.

It takes an average of **25.4 DAYS** to treat complex wounds using moist wound dressings.

Each year trauma accounts for **2.3 MIL.** hospitalizations associated with inpatient costs of **$33.7 BIL.**

The cost of treating a single full-thickness pressure ulcer is as high as **$70,000** and total annual costs for treatment of pressure ulcers in the U.S. is estimated at **$11 BIL.**

What is your approach to closure?

### Cleansing
Regularly wash and cleanse the wound bed, thereby:
- Removing infectious materials
- Reducing risk of compromised wound healing due to contamination or bioburden
- Diluting and solubizing devitalized tissue and slough
- Addressing malodororous wounds
- Decreasing viscosity and volume of exudate
- Reducing pain and discomfort at dressing changes

### Granulation
- Promote granulation tissue formation
- Cover exposed structures
- Increase wound fill
- Decrease wound volume
Physicians at MedStar Georgetown University Hospital, Center for Wound Healing examined the impact of V.A.C. VeraFlo™ Therapy with Prontosan® Wound Irrigation Solution (using either a 6 or 20 min. soak time and negative pressure of 3.5 hours or 2 hours at -125 mmHg) versus V.A.C.® Therapy in 142 patients with infected wounds that required hospitalization and serial surgical debridement. In this study V.A.C. VeraFlo™ Therapy with Prontosan® instillation was more cost effective than V.A.C.® Therapy. An economic model based on MedStar Georgetown University study results and cost modeling assumptions indicates potential savings as high as:

$8,613 savings per patient in the 6 min. dwell time group

$9,117 savings per patient in the 20 min. dwell time group

Actual savings will vary based on individual facility costs, protocol and patients.
V.A.C. VeraFlo™ Therapy with Prontosan® Wound Irrigation Solution provides ease of use through:

- Automated volumetric therapy with customizable dwell time
- Compatible bottle with spikable cap adapter
- Streamlined solution ordering and facility supply room storage

What is Prontosan® Wound Irrigation Solution?
Prontosan® is a clear and virtually odorless wound cleanser containing PHMB (polyhexamethylene biguanide) and betaine (surfactant). These two ingredients are combined to maximize wound cleansing:

- PHMB (Polyhexanide) functions as a preservative (also found in contact lens solution) that inhibits the growth of microorganisms in the bottle.
- Betaine (Surfactant) is a surface-active cleanser that provides immediate debridement.

Cleansing and granulation approach with saline
In a prospective, multi-center case series of 131 patients with complex wounds treated with V.A.C. VeraFlo™ Therapy using saline with a 10 minute soak time and negative pressure ranging between 4 and 12 hours at -125mmHg, the authors found that:

- 35% of patients had received conventional V.A.C.® Therapy prior to V.A.C. VeraFlo™ Therapy
- 65% Complex wounds closed with V.A.C. VeraFlo™ Therapy
- 98% V.A.C. VeraFlo™ Therapy
- 0% Previously on V.A.C.® Therapy

The main observed clinical effect noted by the authors was that V.A.C. VeraFlo™ Therapy using saline showed enhanced granulation tissue production compared to conventional V.A.C.® Therapy, in terms of filling the dead space more rapidly and completely.
Wound healing is a process.

Let V.A.C. VeraFlo™ Therapy help remove the complexity.

When using V.A.C.Ultra™ Therapy Unit for V.A.C.® Therapy only, it is compatible with V.A.C.® Dressings featuring SensaT.R.A.C.™ Technology.

### V.A.C.ULTA™ SYSTEM ORDERING INFORMATION FOR V.A.C. VERAFLO™ THERAPY

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>ULTDEV01/US</td>
<td>V.A.C. Ultra™ Therapy Unit, United States</td>
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<tr>
<td>ULTVF05SM</td>
<td>V.A.C. VeraFlo™ Dressing, 5-pack, Small</td>
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<tr>
<td>ULTVF05MD</td>
<td>V.A.C. VeraFlo™ Dressing, 5-pack, Medium</td>
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<td>ULTVCL05MD</td>
<td>V.A.C. VeraFlo Cleanse™ Dressing, 5-pack, Medium</td>
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<td>ULTVF05LG</td>
<td>V.A.C. VeraFlo™ Dressing, 5-pack, Large</td>
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<td>V.A.C. VeraLink™ Cassette, 5-pack</td>
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<td>ULTDU0500</td>
<td>V.A.C. VeraT.R.A.C. Duo™ Tube Set, 5-pack</td>
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<td>400230</td>
<td>Prontosan® Wound Irrigation with Adapter, case of 10</td>
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<td>500mL InfoV.A.C.® Canister with Gel</td>
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<tr>
<td>M8275093/5</td>
<td>1000mL InfoV.A.C.® Large Canister with Gel</td>
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*V.A.C.Ultra™ Therapy Unit is compatible with all InfoV.A.C.® Canisters

**References:**


**Footnotes:**

A. V.A.C. VeraFlo™ Therapy System daily cost – approximately 7 V.A.C. VeraFlo™ Therapy cycles per day. $187.03 (based on customer daily rental and disposable rates; assumes 5.8 rental days, 1 canister daily for five days, three medium dressings, one cassette, 700 ml Prontosan, 1 Ltr saline plus spike). $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 after admission.

B. V.A.C. VeraFlo™ Therapy System daily cost – approximately 10 V.A.C. VeraFlo™ Therapy cycles per day. $193.57 is 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, 700 ml Prontosan, 1 Ltr saline plus spike. $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 after admission.

C. Compared to V.A.C.® GranuFoam Dressing

D. Compared to V.A.C.® Drape

**NOTE:** Specific indications, contraindications, warnings, precautions and safety information exist for KCI Products and therapies. Please consult a physician and product instructions for use prior to application. Rx only.