3M Veraflo™ Therapy

Introducing the 3M™ Veraflo™ Therapy

3M™ Veraflo™ Therapy combines the benefits of NPWT (3M™ V.A.C.® Therapy) coupled with automated, controlled delivery of topical wound treatment solutions to and from the wound bed. Therapy is delivered in automated instillation cycles allowing wounds to be repetitively cleansed without the need for dressing removal.

Why use 3M™ V.A.C. Veraflo™ Dressing with Veraflo Therapy?

- Helps facilitate the removal of infectious material and other wound bioburden.
- To be considered when the wound needs a combination of granulation and cleansing.
- Use V.A.C. Veraflo Dressings for open wounds, when the main goal of the therapy is granulation, along with effective wound cleansing.

What wounds is it suitable for?

- Traumatic wounds
- Diabetic wounds
- Venous leg ulcers
- Pressure injuries/ulcers
- Surgical, including dehisced, wounds
- Wounds with exposed intact bone
- Wounds with treated, underlying osteomyelitis
- Infected or contaminated wounds in the presence of orthopedic fixation hardware
- Full-thickness burns after excision
- Wounds resulting from evacuation of a hematoma and when hemostasis is achieved
- Wounds that are a bridge between staged/delayed amputation

What are the contraindications?

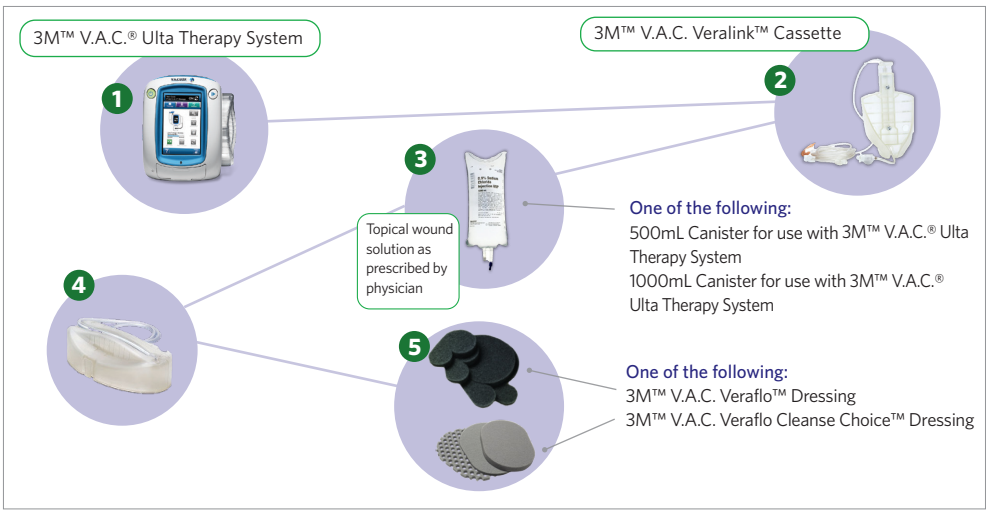
- Wounds containing malignancy
- Untreated osteomyelitis
- Necrotic tissue, such as eschar or adherent slough
- Exposed blood vessels, anastomotic sites, organs, tendons or nerves
- Non-enteric and unexplored fistulas
- Actively bleeding wounds
- Do not use hydrogen peroxide or solutions that are alcohol-based or contain alcohol
- Do not deliver fluids to the thoracic cavity or abdominal cavity due to the potential risk to alter core body temperature and the potential for fluid retention within the thoracic cavity
- Do not use unless the wound has been thoroughly explored due to the potential for inadvertent instillation of topical wound solutions to adjacent body cavities

Recommended Therapy Settings

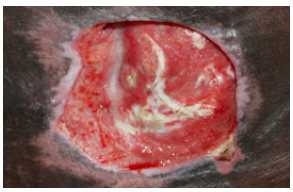
- Appropriate 3M™ Veraflo™ Therapy time setting
  - 2.0 to 3.0 hours for 3M™ V.A.C. Veraflo™ Dressings
  - 2.0 to 2.5 hours for 3M™ V.A.C. Veraflo Cleanse Choice™ Dressing
- Appropriate dwell time setting
  - 10 minutes
- Appropriate pressure setting
  - –125 mmHg

Recommended compatible solutions

- Normal saline
- Hypochlorous acid solution
- Sodium hypochlorite solution (dilute Dakin's solution 0.125% or quarter strength)
- Acetic acid solution (0.25% to 1.0%)
- Polyhexamethylene biguanide (0.1%) + betaine (0.1%)



Dressing Selection

	3M™ V.A.C. Veraflo™ Dressing	3M™ V.A.C. Veraflo Cleanse Choice™Dressing
Wound type		
Wound characteristics	Open wounds, including wounds with shallow undermining or tunnel areas where the distal aspect is visible.	Wounds with thick fibrinous exudate, slough, infectious material and other wound bioburden.
Key goal(s) of therpay	■ When used in conjunction with Veraflo Therapy, to help facilitate the removal of infectious material and other wound bioburden ■ Generation of robust granulation tissue	■ When used in conjunction with Veraflo Therapy, to initiate therapy and to help facilitate the removal of infectious material such as thick fibrinous exudate, slough, and other wound bioburden ■ Provides a wound cleansing option for clinicians when surgical debridement must be delayed or is not possible or appropriate

Frequency of change

Minimum of three times weekly is recommended (every 48-72 hours)

Clinicians based in the Asia-Pacific region were invited to submit 3M™ Veraflo™ Therapy NPWTi-d (Negative Pressure Wound Therapy) case studies. You can view all the submissions here: www.instill2believe.com - or scan the QR codes below to see the prize winners

1st Prize

A remarkable salvage of a severely threatened foot with extensive necrotizing infection of soft tissue and fascia due to late presentation, severe critical limb ischemia and poorly controlled diabetes using NPWT-id in tandem with open and endovascular revascularization, meticulous serial bedside debridement, marine Omega3 wound matrix and split skin grafting.

Authors: Hsien Tsung Tay, Cheryl Li Yu Hui

Categories: Acute Wound, Diabetic foot ulcers, Grafts, Infected wound, Surgical wound

2nd Prize

Negative Pressure Wound Therapy with Instillation for extensive lower abdomen and perineal wound secondary to fournier's gangrene.

Authors: Koh Khai Luen, Normala Binti Haji Basiron

Category: Infected wound

3rd Prize

Wound healing of a leg ulcer in patient with rheumatoid arthritis using negative pressure wound therapy with instillation.

Author: Leung Ka Chai

Categories: Chronic wound, Infected wound

The authors winning case studies will be spoken about in depth at a lunch symposium at the **Commonwealth & 4th Global Wound Conference 2022, 28-30 October, Malaysia**

References

Kim et al. (2019) Negative pressure wound therapy with instillation: International consensus guidelines update. International Wound Journal. 10.1111/iwj.13254

Kim PJ, Attinger CE, Crist BD, et al. Negative pressure wound therapy with instillation: review of evidence and recommendations. Wounds. 2015;27(12):S1-S20.

Gupta S, Gabriel A, Lantis J, Teot L. Clinical recommendations and practical guide for negative pressure wound therapy with instillation. Int Wound J. 2016;13:159-17.

Kim PJ, Lavery LA, Galiano RD, et al. The impact of negative-pressure wound therapy with instillation on wounds requiring operative debridement: Pilot randomised, controlled trial. Int Wound J. 2020;115. https://doi.org/10.1111/iwj.13424

Therapy Goals

Goals for using Veraflo™ Therapy are varied and may include:

- Granulation tissue formation
  - Increase granulation formation
  - Decrease wound volume
  - Cover exposed structures
- Wound Cleansing
  - Remove wound debris and infectious materials
  - Helps reduce bioburden through repeated cleansing and NPWT cycles4
  - Decrease viscosity and volume of exudate

Further information

3M Science. Applied to Life.™

To learn more about the benefits of Veraflo Therapy, visit 3M™ Veraflo™ Therapy | NPWT with Instillation | 3M Medical or scan the QR code below.