



VEL NeXT™

The NeXT Generation Wound Therapy System



Foam Dressings



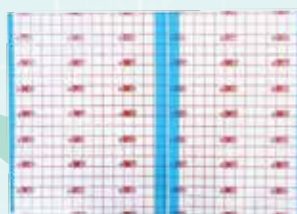
Wound Measuring Scale



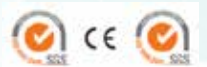
Track Pad



Smart Gauze -
Nanocrystalline Silver
Contact Layer

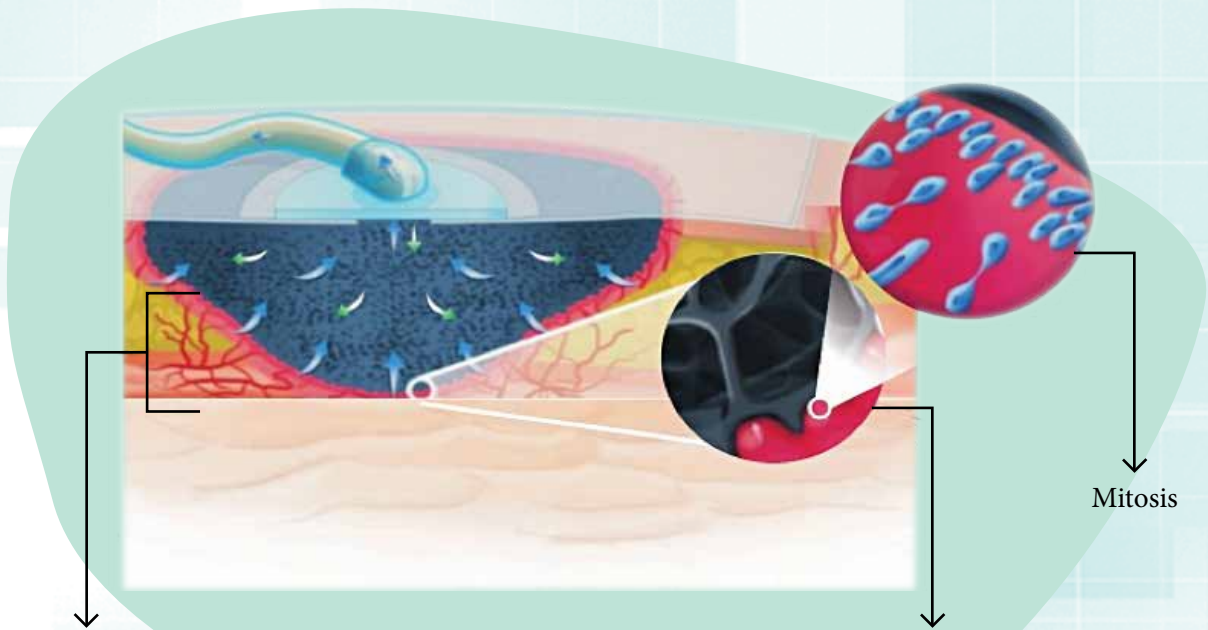


Transparent PU Drape Film



VEL NeXT™ has a unique capacity of wound healing, covering a range of chronic and acute both. It can be used for Continuous, Intermittent and Sinusoidal therapy.

The VEL NeXT™ Black Polyurethane foam dressing applies mechanical forces on the wound to create an environment that promotes wound healing.



Visible Contraction of wound edges. It also removes exudate & infectious materials, Distribute negative pressure evenly

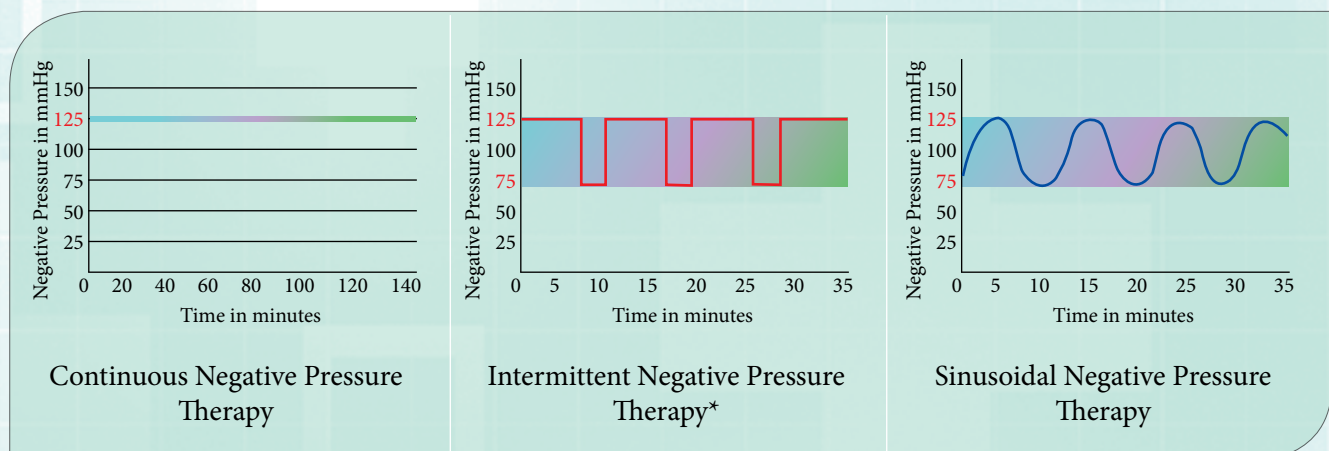
Tissue Micro deformation occurs at cellular level, which leads to cell stretch. It reduces edema & promotes granulation tissue formation

Scientifically and clinical Proven mechanism of action

- Removes exudate and edema
- Increases perfusion, promotes growth factors
- Provides moist wound healing environment
- Promotes Granulation Tissue formation
- Prepares the wound bed for final closure

Complete Therapy Range

- A novel selection range of three therapies: Continuous, Intermittent and Sinusoidal. (Refer to Graph)



* During Intermittent mode, lower pressure can be made 0

A more pronounced Wound contraction and granulation tissue formation has been observed with Sinusoidal Pressure Therapy

- Sinusoidal therapy is an interesting alternative that ensures smooth transitions between 2 different levels of negative pressure and thus relieve patient pain, while retaining the acceleration in healing
- A highly prominent Leukocyte infiltration and tissue disorganization has been observed
- Sinusoidal therapy have more profound beneficial effects on the blood flow around the wound edges, facilitate oxygenation and nutrient supply and stimulate angiogenesis and granulation tissue formation

VEL NeXT™ Black Foam Benefits

- A highly flexible open pore rectangular design of foam that fits well in non-uniform and uneven wounds
- A larger pore size to assist faster granulation in terms of increased wound surface strain, tissue growth and transformation of contractile cells
- The uniform open pore structure of foam ensures equal distribution of negative pressure at wound bed
- Available in multiple shapes and sizes to choose from as depending on the wound

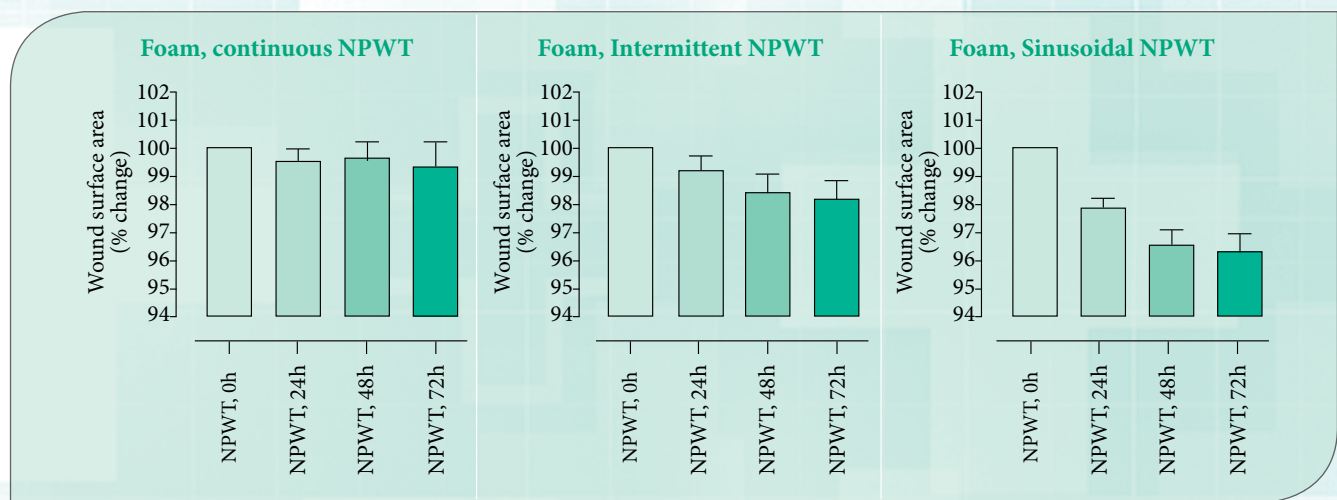


Fig. Wound contraction during continuous negative pressure wound therapy, intermittent pressure therapy, and sinusoidal pressure therapy using foam.

Dressing Kits Specifications

Kit Contents	Small	Medium	Large	Extra Large
Smart Gauze - Non adherent wound contact layer with Nano-crystalline Silver	10 cm x 10 cm, 1 Pc.	12 cm x 15 cm, 1 Pc.	30 cm x 15 cm, 1 Pc.	35 cm x 20 cm, 1 Pc.
Non adherent PU Foam	10 cm x 8 cm, 1 Pc.	18 cm x 13 cm, 1 Pc.	26 cm x 16 cm, 1 Pc.	32 cm x 20 cm, 1 Pc.
Transparent PU Drape Film	30 cm x 40 cm, 1 Pc.	30 cm x 40 cm, 2 Pc.	30 cm x 40 cm, 2 Pc.	30 cm x 40 cm, 3 Pc.
Track Pad	1 Pc.	1 Pc.	1 Pc.	2 Pc.
Wound Measuring Scale	1 Pc.	1 Pc.	1 Pc.	1 Pc.
Y-Connector	-	-	-	1 Pc.

Indications

- Diabetic & Neuropathic ulcer
- Acute / Chronic Wounds
- Traumatic Wounds
- Skin Grafting
- Pressure ulcer (stage 3 & 4)
- Partial – thickness burns
- Venous leg ulcer

Contraindications

- Necrotic tissue with eschar
- Untreated osteomyelitis
- Wounds with unexplored / visible fistula
- Presence of untreated coagulopathy / Clotting disorder
- Wounds containing malignant tissues
- Wounds including open joint capsules
- Compromised micro-vascular blood flow to wound

VEL NeXT™ Device Information

Smart Battery Back-up

A Lithium Polymer battery with 18 hours Back – up support. (After complete charge)

Easy Portability

- Comes in a comfortable pelican case which meet standards for waterproofing, stacking and durability
- Machine weighs just 1500 grams
- An ergonomic design with comfortable dimensions

Pressure Settings

- A pressure setting range* of 0 to -250mm Hg for three therapies -
 - Continuous: -50 to -250mm Hg
 - Intermittent: 0 to -250mm Hg
 - Sinusoidal: -50 to -250mm Hg

CE Certified

CE certified components such as pump, battery, valve and pressure sensor

Well developed Alert system with a range of Safety alarms

- Audio and Visual alarms for easy troubleshooting and rapid rectification :
 - Low Pressure Safety (Leak Alarm)
 - Canister change Alarm/ Tube block Alarm
 - Low Battery Alarm (In case of 20% remaining battery back-up)
 - Tilt Alarm
 - Therapy Complete Alarm
- These alarms improve patient comfort and reduce the distress

Other Advanced Features

- Large LCD Screen
- Virtual silent operations - does not disturb patient while resting
- Canister with an available volume of 500 ml, a super absorbent polymer (SAP) of 18 gm and an antibacterial filter of 0.02 micron

* A minimum Precision of 1mm Hg has been provided in the machine for better therapy compliance.

For more information write to Marketing Department



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