

# Vcare $\alpha$ <sup>®</sup>

## Leading the Way for Enhanced Wound Healing by Safe Vacuum Technology

Vcare  $\alpha$ <sup>®</sup> is designed to provide a pre-set regulated negative pressure to open wounds with the intent to minimize the risk of bleeding, focusing on patient's specific clinical needs.

Vcare  $\alpha$ <sup>®</sup> is intended to treat acute, sub-acute, traumatic, and chronic wounds, including complex orthopedic and surgical wounds, combat trauma, diabetic and pressure ulcers, dehisced flaps, skin grafts, and partial-thickness burns.

By utilizing multiple mechanisms of action, the Vcare  $\alpha$ <sup>®</sup> promotes granulation tissue growth, removes fluids and infectious materials, and optimizes the wound environment by reversing the wound's low oxygen pressure caused by conventional vacuum systems, utilizing **Regulated Oxygen-enriched Negative Pressure-assisted Treatment (ROINPT)** to enhance wound healing by providing improved physical conditions.

The Vcare  $\alpha$ <sup>®</sup> system can be operated with an infusion pump compatible with **Controlled In-Situ Targeted Ultra-High-Concentration Antibiotics Administration (CITA)** treatment, superior to conventional instillation therapy.

## Unique Key Features

**Detecting possible uncontrolled bleeding:** Monitoring the flow rate of discharge and its composition, providing real-time feedback for possible uncontrolled bleeding, resulting in an immediate cessation of vacuum treatment and alarm activation.

**Safety-oriented operating system:** Hazardous or undesired operation is limited by requiring the care provider to determine the **risk of bleeding** prior to operating the system. The software sets and limits the vacuum level range, maximal flow, and alarm settings according to the risk of bleeding.

**System safety alarms:** Compliant with the IEC 60601-1-8 standard, enhance awareness for both the care provider and the patient, ensuring increased safety by providing alerts for:

- **Possible Bleeding**
- **High and Low Vacuum**
- **Full canister**

**Unique modes of operation;** separate levels of operation modes enables a simple operation of the device by either a basic-level caregiver using a Cyclic-Continuous mode, by a highly-trained physician applying manually operated multivariable modes, if required.



## Leading the Way in Safe Integrated Vacuum Technologies

### Vcare $\alpha$ <sup>®</sup> Striving for safe and effective application of Regulated Negative Pressure-assisted Wound Therapy (RNPT) for Advanced wound care

- ✓ May be connected to an external vacuum source while maintaining complete control of treatment parameters and prolonging motor life
- ✓ Extended battery operation- over 24 hours\*
- ✓ Can provide treatment either in a hospital setting or in clinics as a portable unit
- ✓ **Compatible with Regulated Oxygen and Irrigation Negative Pressure-assisted Wound Therapy System (ROINPT)**

\*When operating on an external vacuum mode

## Simple Solutions for Complex Problems

### Vcare $\alpha$ <sup>®</sup>'s Disposables

- ✓ A sponge with a pre-fabricated outer layer drape enables easy and simple application while ensuring wound insulation through circumferential drape sealing of the dressing.
- ✓ Allows immediate visualization of bleeding and wound infection through an off-white color sponge.
- ✓ A specially designed low-density open-cell sponge, fully compressible even under low to moderate negative pressure levels
- ✓ Available in a variety of sizes for maximal suitability to different wounds
- ✓ The sponge may be easily molded to form a bridge.

#### For further information, please contact us:

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