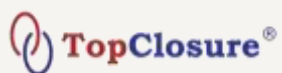




Leading the Way in Safe Integrated Technologies for Enhanced Wound Closure

www.ivtmedical.com



Vcare α ®

Mecare α ™



Vcare α [®]

The Vcare α [®] 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.

The Vcare α [®] is intended for managing chronic, acute, traumatic, sub-acute, and dehiscent wounds, partial-thickness burns, ulcers (i.e., diabetic or pressure), flaps, and grafts.

Utilizing multiple mechanisms of action, the Vcare α [®] was designed to be compatible with regulated oxygen-enriched and irrigation negative pressure wound therapy system (ROI-NPT) and controlled, in-situ targeted, ultra-high concentration antibiotic administration (CITA) for heavily infected, hard-to-heal wounds.

Vcare α [®] mobile stand

The Vcare α [®] mobile stand includes a quick-release plate lock, for positioning the Vcare α [®] device, a top and lower basket, a handle, a drip pole, and a power supply mount.

Vcare α [®] wall mount stand

The Vcare α [®] Wall Mount Stand, a Solution for Stable, Space-efficient Application

Vcare α [®] Disposable canister Kit

A transparent 800 cc collecting canister with a sterile transparent proximal connecting tube 1.7 m long

Vcare α ® Wound Dressing

The off-white colored PU sponge, paired with a pre-fabricated outer layer drape, facilitates straightforward application of the dressing and early visualization of bleeding and staining by wound infections. It features a specially designed low-density open-cell sponge that remains fully compressible under low to moderate negative pressure.



Vicare α ® Wound Dressing Kit

40X45X0.9 cm sponge

PU sponge with two hose adapters, distal connecting tubes (50 cm long), Y connector, and drape strips.



Vicare α ® Wound Dressing Kit

20X30X0.9 cm sponge

PU sponge with two hose adapters, distal connecting tubes (50 cm long), Y connector, and drape strips.



Vicare α ® Wound Dressing Kit

15X20X0.9 cm sponge

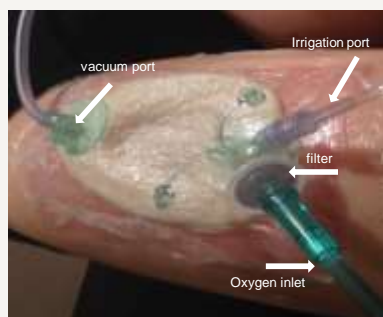
PU sponge with hose adapter, distal connecting tube (50 cm long), and drape strips .



Vicare α ® Wound Dressing Kit

10X20X0.9 cm sponge

PU sponge with hose adapter, distal connecting tube (50 cm long), and drape strips.



Vicare α ® Wound Dressing Kit

10X10X0.9 cm sponge

PU sponge with hose adapter, distal connecting tube (50 cm long), and drape strips.



Vcare α ® Irrigation hose adapter accessory kit

The irrigation hose adapter accessory kit includes two lure lock adapter ports and a lure lock 0.2 μm filter with oxygen tube connector.



Vcare α ® Hose adapter accessory kit

Hose adapter with distal connecting tube (50 cm long).



Vcare α ® Canister Proximal Tube Pack

A sterile transparent proximal connecting tube 1.7 m long with two-way connector and lid.



Drape accessory kit

The drape accessory kit includes 10 drape strips 8X34 cm.

Mecare α^{TM} Device

Compatible with Regulated Oxygen-enriched & Irrigation Negative Pressure-Assisted wound Therapy (ROINPT) system for enhanced home care wound Healing

Mecare $\alpha^{\text{®}}$

The Mecare α^{TM} is engineered to deliver a preset level of regulated negative pressure specifically suited for treating minor to medium-sized open wounds. This controlled pressure is crucial for promoting wound healing by effectively drawing out fluid from the wound and increasing blood flow to the area. One of Mecare's primary design goals is to improve patient mobility.

Using a rechargeable battery and being compact allows patients more freedom to move, which is significant in enhancing the quality of life and speeding recovery, particularly for ambulatory patients.

The device is versatile in its application, covering a broad spectrum of wound types, including chronic, acute, traumatic, subacute, and dehiscent wounds, as well as partial-thickness burns, various ulcers (such as diabetic and pressure ulcers), and also the treatment of flaps and grafts. This broad applicability makes it a valuable tool in diverse clinical settings.

The compatibility with Vcare tubing enhances the device's flexibility and utility, especially in scenarios where temporary increased mobility is beneficial. This feature likely facilitates easy integration with existing medical setups and patient-specific treatment protocols.

The Mecare's design to be compatible with Regulated Oxygen-enriched and Irrigation Negative Pressure-assisted Wound Therapy System (ROINPT) suggests advanced capabilities in managing the wound environment. This system likely enhances wound healing by providing oxygenation and continual irrigation, which can be critical in managing infected or particularly complex wounds.

The compatibility with controlled, in-situ targeted, ultra-high concentration antibiotic administration (CITA) addresses the needs of infected or hard-to-heal wounds by allowing for the direct application of high-concentration antibiotics to the wound site, which can significantly improve treatment outcomes.

The inclusion of a rechargeable battery that supports up to 48 hours of operation enhances patient autonomy by eliminating frequent recharges and ensuring continuous therapy, even during patient movement and daily activities.

Mecare $\alpha^{\text{®}}$ Disposable canister

The transparent collecting canister (volume of 300 ml) with filters, solidifying hydrogel, and odor absorbent to avoid fluid overflow to the machine. The collecting canister is provided non-sterile.



Mecare α^{TM} Wound Dressing Kit

The off-white colored PU sponge, paired with a pre-fabricated outer layer drape, facilitates straightforward application of the dressing and early visualization of bleeding and staining by wound infections. It features a specially designed low-density open-cell sponge that remains fully compressible under low to moderate negative pressure.



Mecare α^{TM} Wound Dressing Kits

WDK line consists of 3 sponge sizes:

10X10X0.9 cm

10X20X0.9 cm

15X20X0.9 cm

PU sponge with hose adapter, distal connecting tube (50 cm long), and drape strips.

Mecare α^{TM} Wound Dressing Kit

The Vcare WDK 20X30X0.9 cm is compatible with Mecare by Vcare Mecare adapter and Vcare proximal tube.

PU sponge with two hose adapters, distal connecting tubes (50 cm long), Y connector, and drape strips.

Mecare α^{TM} accessories



Mecare α^{TM} tubing adapters

The Mecare α^{TM} - Vcare α^{TM} tubing adapter include a tube with bidirectional adapter.



Mecare α^{TM} Irrigation hose adapter accessory kit

The Mecare Irrigation hose adapter accessory kit includes: two luer lock adapter ports, and luer lock 0.2 μm filter with oxygen tube connector.



Mecare α^{TM} Hose adapter accessory kit

Mecare Hose adapter with distal connecting tube (50 cm long).



Drape accessory

The drape accessory kit includes 10 drape strips 8X34 cm.

The TopClosure® Hospital Pack is provided sterile, in color-coded packaging of 8 mm (coded grey), 6 mm (coded green), and 4 mm (coded pink) sets



TopClosure® TRS 3S Hospital Pack, 8 mm (coded grey)

Hospital Pack includes:

- 3 sets of TopClosure® TRS 8 mm (6 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on its undersurface and 3 flexible approximation straps **of comparable sizes**).
- One extra attachment plat.
- Two extra approximation straps.



TopClosure® TRS 3S Hospital Pack, 6 mm (coded green)

Hospital Pack includes:

- 3 sets of TopClosure® TRS 6 mm (6 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on its undersurface and 3 flexible approximation straps **of comparable sizes**).
- One extra attachment plat.
- Two extra approximation straps.-



TopClosure® TRS 3S Hospital Pack, 4 mm (coded pink)

Hospital Pack includes:

- 3 sets of TopClosure® TRS 4 mm (6 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on its undersurface and 3 flexible approximation straps **of comparable sizes**).
- One extra attachment plat.
- Two extra approximation straps.



TopBase Units of 15X15 cm and 10X10 cm

Hydrocolloid dressing composed of an inner layer of hydrocolloids encapsulated within an adhesive polymer matrix and an outer layer of hydrophobic coating. This dressing facilitates an increased adhesion surface area and provides a gentle cover to protect healthy skin from potential scarring induced by suturing or stapling the TopClosure® plates directly to the skin.

The TopClosure® Clinic Pack is provided sterile, in color-coded packaging of 8 mm (coded grey), 6 mm (coded green), and 4 mm (coded pink) sets.



TopClosure® TRS 1S Clinic Pack, 8 mm (coded grey)

Clinic Pack includes:

- 1 set of TopClosure® TRS 8 mm (2 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on their undersurface and one approximation strap **of comparable size**).
- Two patches of hypo-allergenic transparent adhesive tape.



TopClosure® TRS 1S Clinic Pack, 6 mm (coded green)

Clinic Pack includes:

- 1 set of TopClosure® TRS 6 mm (2 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on their undersurface and one approximation strap **of comparable size**).
- Two patches of hypo-allergenic transparent adhesive tape.



TopClosure® TRS 1S Clinic Pack, 4 mm (coded pink)

Clinic Pack includes:

- 1 set of TopClosure® TRS 4 mm (2 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on their undersurface and one approximation strap **of comparable size**).
- Two patches of hypo-allergenic transparent adhesive tape.

The TopClosure® First Aid Kit is provided sterile, in color-coded packaging of 8 mm (coded grey), and 4 mm (coded pink) sets.



TopClosure® TRS 1S-AD First-Aid Kit, 8 mm (coded grey)

First Aid Kit includes:

- 1 set of TopClosure® TRS 8 mm (2 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on their undersurface and one approximation strap **of comparable size**).
- Two patches of hypo-allergenic transparent adhesive tape, and one liquid adhesive ampoule.



TopClosure® TRS 1S-AD First-Aid Kit, 4 mm (coded pink)

First Aid Kit includes:

- 1 set of TopClosure® TRS 4 mm (2 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on their undersurface and one approximation strap **of comparable size**).
- Two patches of hypo-allergenic transparent adhesive tape, and one liquid adhesive ampoule.



The TopClosure® Rescue Kit, Emergency Kit, and Military Kit is provided sterile, in packaging of an 8 mm set.

TopClosure® TRS 1S-M Rescue Kit, 8 mm (coded grey)



The Rescue Kit is provided in a **waterproof, durable packaging** to comply with extreme rescue needs in civilian scenarios.

The Rescue Kit includes:

- 1 set of TopClosure® TRS 8 mm (2 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on their undersurface and 1 flexible approximation strap **of comparable sizes**).
- Two patches of hypo-allergenic transparent adhesive tape and one liquid adhesive ampoule.

TopClosure® TRS 1S-M Emergency Kit, 8 mm (coded grey)



The Emergency Kit is provided in **waterproof, durable packaging** to comply with civilian emergency scenarios.

The Emergency Kit includes

- 1 set of TopClosure® TRS 8 mm (2 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on their undersurface and 1 flexible approximation strap **of comparable sizes**).
- Two patches of hypo-allergenic transparent adhesive tape and one liquid adhesive ampoule.
- One soluble hemostatic gauze.

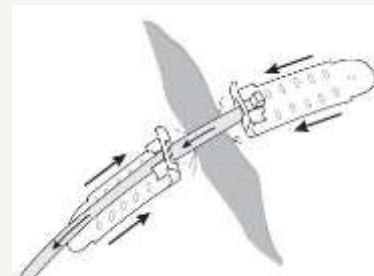
TopClosure® TRS 1S-M Military Kit, 8 mm (coded grey)



The Military Kit is provided in custom-made (waterproof, durable) packaging.

The Military Kit includes:

- 1 set of TopClosure® TRS 8 mm (2 flexible semi-transparent attachment plates with non-toxic hypo-allergenic adhesive tape on their undersurface and 1 flexible approximation strap **of comparable sizes**).
- Two patches of hypo-allergenic transparent adhesive tape and one liquid adhesive ampoule (with customized adhesive strength).
- Customized hemostatic gauze.



TopClosure® For Veterinarian Application



TopClosure® TRS 5S-VET Veterinary Pack, 8 mm (coded grey)

- The Veterinary Pack includes
- 5 sets of TopClosure® (ten flexible semi-transparent attachment plats and five approximation straps).
 - Two extra 8 mm approximation straps.



TopClosure® TRS 1S-VET Veterinary Pack, 8 mm (coded grey)

- The Veterinary Pack includes
- 1 set of TopClosure® (two flexible semi-transparent attachment plates and one approximation strap).



				
	Length (mm)	Width (mm)	Length (mm)	Width (mm)
4 mm	60	20	160	4
6 mm	60	20	250	6
8 mm	60	20	250	8