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careoxi®

# HandyVac

NPWT WOUND  
THERAPY DEVICE



The World's Most Advanced Automatic Dressing Controlled,  
Vacuum Assisted Wound Care Device and Dressing System

# “WHAT?

Open Wounds That Are Difficult to Heal (e.g. Acute, Traumatic or Chronic), Burns, Diabetic Wounds, Pressure Ulcers, etc. Suitable for. It is a Wound Treatment System consisting of a Vacuum Assisted Device and Dressing Set.

It is an active wound treatment system that applies non-invasive, controlled local negative pressure, attracts and collects exudate, and supports healing in acute, infected and chronic wounds.

With its technology, it is much more effective than its counterparts. HandyVac Controls Dressing Leaks and Dressing Quality at the Same Time While Dressing. Dressing Quality Appears as Active Bars on the Device Screen.

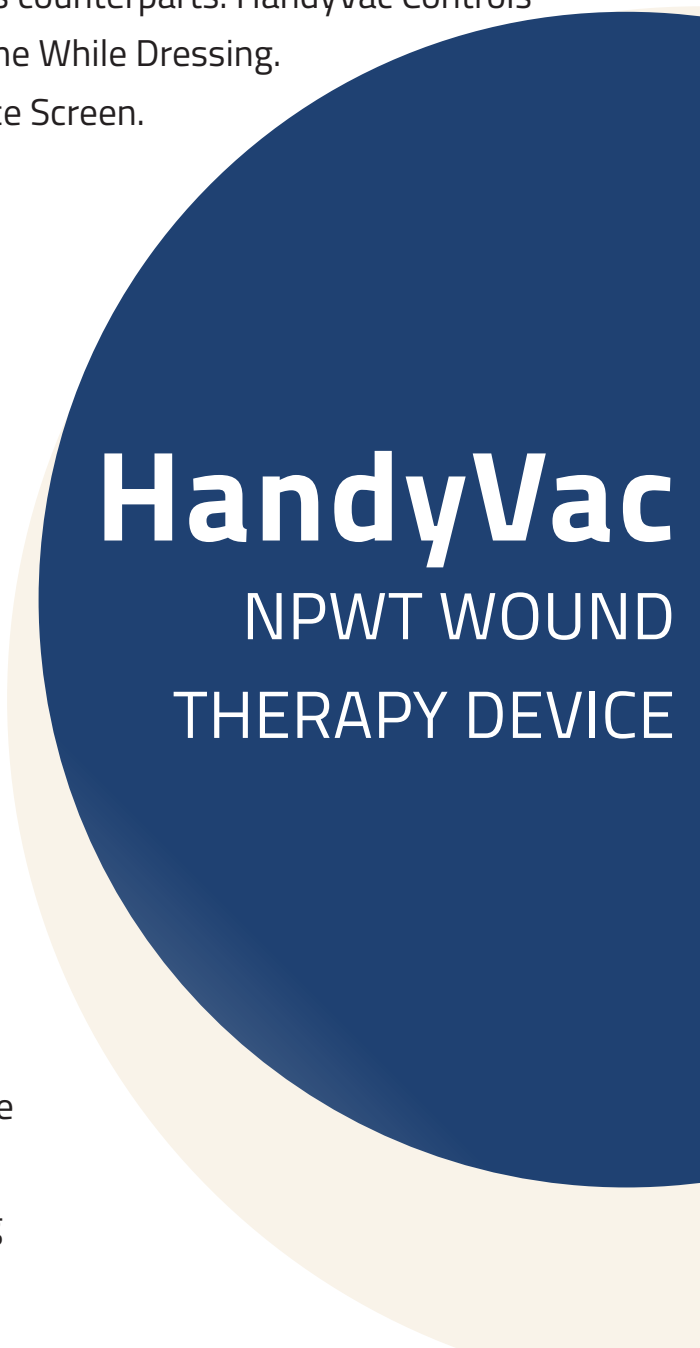
CareOxi HandyVac Pressure Sores, Open Wounds, Diabetic Foot Ulcers, Surgical Wounds, Burns, Traumatic Wounds, etc. It is used in wound treatments.

This system accelerates the healing process of the wound by creating vacuum around the wound.

CareOxi HandyVac Vacuum Assisted Wound Therapy Device Has 4 Separate Vacuum Programs: Increased Vacuum, Pulsed Vacuum, Continuous Vacuum, Increased Continuous Vacuum.

CareOxi HandyVac Device is Suitable for Use with CareOxi Vacuum Assisted Closing Sets and TopiVac Vacuum Assisted Closing Sets.

When using CareOxi Vacuum Assisted Wound Closure Sets, do not place paraffin dressings, chemicals, honey, resin, etc. under the sponge. Vacuum blocking aids should not be placed.



**HandyVac**  
NPWT WOUND  
THERAPY DEVICE

# KEY FEATURES

- Continuous Automatic Dressing Leak Test Feature
- Treatment Capability with Increased Vacuum, Pulsed Vacuum, Continuous Vacuum
- Convenient, Easily Portable, User-Friendly
- Easy Set-Up, Simple Menu, Easy Interface
- Long Battery Life, Menu Settings, Language Settings, Lightweight



# USAGE AREAS

- Diabetic Foot Wound, Pressure/Bed Sore
- Chronic Wound, Plastic Surgery Wounds
  - Caesarean Section Wounds, Incision Wounds, Venous Ulcer
  - Infected Wounds, Burn Wounds, Cardiothoracic & Vascular Surgery Wounds
  - Obstetric & Gynecological Surgery Wounds, Orthopedic Surgery Wounds

# HANDYVAC EXUDATE COLLECTION CONTAINER / CANISTER

It is the collection container from which the exudate from the wound is collected for wound care devices. It contains a thickening gel. Made of polycarbonate material, unbreakable, prevents odor.

“Exudate container” or “exudate management container”, Canister, is a medical product that allows the collection and removal of fluids (exudate) from the wound surface. Exudate is fluid that forms and accumulates on the wound surface as part of the wound healing process. The Exudate container is used to support wound healing in a clean and moist environment and reduce the risk of infection.

## **The main purposes of the Canister / Collection Container / Exudate Container are:**

**Collecting Exudate:** By collecting the fluid coming from the wound surface, it prevents the skin around the wound from drying out and keeps the wound surface clean.

**Maintaining Moisture Balance in the Wound:** It helps the wound maintain the appropriate moisture level. Excess moisture or dryness can negatively affect the healing process.

**Reducing the Risk of Infection:** Exudate can facilitate the entry of bacteria and microorganisms into the wound. The Exudate container protects the wound surface against the risk of infection.

**Supporting Wound Healing:** It accelerates wound healing in a clean and moist environment. It has a positive effect on the cellular renewal process.



## Using the CareOxi HandyVac Collection container generally follows these steps:

- The wound surface is cleaned and disinfected if necessary.
- Canister is placed on the back of the CareOxi HandyVac device.
- The exudate coming into the container is collected thanks to the special design of the container, and the exudate is solidified by means of gel.
- The leak-proof structure of the Exudate container prevents liquid from leaking out.
- Canister needs to be replaced regularly when full.
- During canister replacement, the wound surface is cleaned again and necessary dressing procedures are performed.
- CareOxi Canister is used with the HandyVac NPWT wound treatment device. However, its use and replacement should be planned appropriately according to the characteristics of the patient and the wound. The guidance of an appropriate healthcare professional will ensure effective and safe use of the exudate container.

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## KEY FEATURES

- Canister 500 cc
- Ellipse structure, made of polycarbonate, unbreakable, leak-proof
- 180 cm Tübing System with Luer Lock Connection
- 450 mmHg vacuum resistant
- Hardening Gel available

## USAGE AREAS

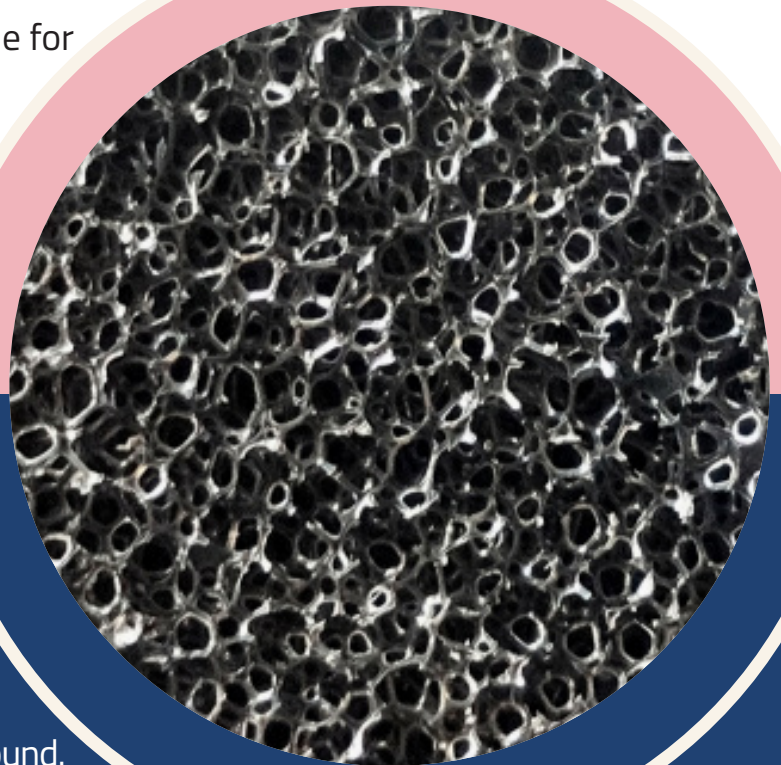
- Diabetic Foot Wound, Pressure/Bed Sore, Chronic Wound
- Plastic Surgery Scars, Cesarean Section Scars
- Incision Wounds, Venous Ulcer, Infected Wounds
- Burn Wound, Cardiothoracic & Vascular Surgery Wounds
- Obstetrics & Gynecological Surgical Wounds, Orthopedic Surgical Wounds etc.
- **CareOxi HandyVac Device is Used for Vacuum Assisted Treatments**

# CLASSIC VACUUM ASSISTED WOUND CLOSURE SET

Together with CareOxi NPWT devices, it draws exudate from the wound bed and increases granulation. State-of-the-art Wound Closure and Dressing Set that accelerates wound healing by 50-70%.

It is a special sponge (foam) dressing set specially produced for the CareOxi device and applied to the injured area, ensuring that negative pressure is distributed equally to the injured area. It accelerates tissue healing by creating granulation and helps wound healing.

The sets are diversified in small, medium, large sizes and square, ellipse and rectangular shapes. Our CareOxi Classic sets with single suction cups are only suitable for use in classic vacuum-assisted treatment. (There is also an abdominal model.) CareOxi NPWT Sponge Wound Dressing Set is suitable for use in negative pressure wound treatments.



## Features of Medical Sponge Used in CareOxi Vacuum Wound Treatment Dressing Set

- It helps the formation of granulation in the wound.
- It allows the absorption of exudate fluid from the wound.
- It is hydrophobic, soft and porous.
- It has high durability and flexibility.
- It allows the passage of gas and liquid and does not stick to the wound.
- It fits perfectly when placed in the wound cavity.
- The device prevents the growth of anaerobic bacteria and helps strengthen leukocyte activation in the wound area.
- It does not enter into chemical interactions with ozone gas and oxygen.

## Medical Drape Features Used in CareOxi Vacuum Wound Treatment Dressing Set

- It is the component that is placed on the wound and the sponge, fixing the sponge and providing a negative pressure environment by cutting off the contact of the injured surface with air so that the active device can create vacuum.
- Provides a strong and flexible adhesive bond to enable an active lifestyle while keeping the dressing intact.
- It acts as a good barrier against bacteria.
- It provides a soft and safe adhesion to the wound surroundings and healthy skin, while reducing pain during dressing changes.
- Resistant to sweat and liquids.
- It has the feature of staying on the skin for a long time.

## KEY FEATURES

- **Continuous Automatic Dressing Leak Test Feature with CareOxi HandyVac Device**
- Compatible with Ascending Vacuum, Pulsed Vacuum, Continuous Vacuum Treatment Therapy
- Practical, Easy Dressing Feature
- Disconnecting Device-Patient Connection with LuerLock Vein Valve Simple Set Connecting
- CareOxi Dressing Set with Vein Valve for Leak-Proof, Leak-Free Set Connection and Patient Comfort

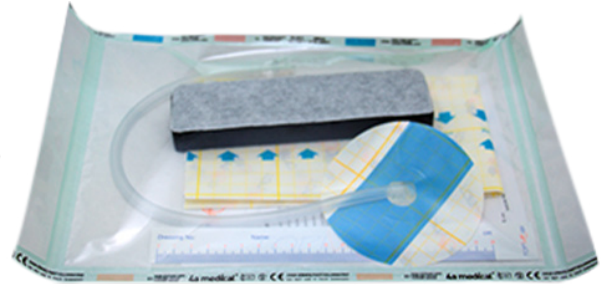
## USAGE AREAS

- Diabetic Foot Wound, Pressure/Bed Sore
- Chronic Wound, Plastic Surgery Wounds
- C-Section Wounds, Incision Wounds, Venous Ulcer
- Infected Wounds, Burn Wound, Cardiothoracic & Vascular Surgery Wounds
- Obstetrics & Gynecological Surgery Wounds, Orthopedic Surgery Wounds



# VACUUM ASSISTED WOUND CLOSURE INCISION SET

State-of-the-art Wound Closure and Dressing Set that improves the patient's quality of life after surgery, increases the physician's treatment success, and draws exudate from the incision wound. It is a special sponge (foam) dressing set specially produced for the CareOxi device and applied to the injured area, ensuring that negative pressure is distributed equally to the injured area. It accelerates tissue and incision healing and helps wound healing.



The sets are also diversified in small, medium and large sizes and shapes. There is a nonwoven sterile material on one side of the sponge used in the incision dressing set, which prevents it from sticking to the wound. Our CareOxi Incision sets are suitable for use in NPWT treatments of incision wounds after surgical procedures.

## Features of Medical Sponge Used in CareOxi Incision Set

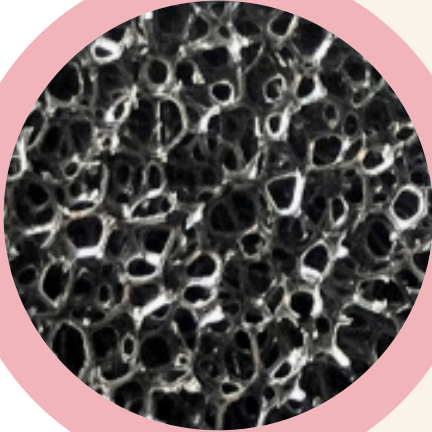
- It helps the formation of granulation in the wound.
- It allows the absorption of exudate fluid from the wound.
- It is hydrophobic, soft and porous.
- It has high durability and flexibility.
- It does not stick to the wound.
- The device prevents the growth of anaerobic bacteria and helps strengthen leukocyte activation in the wound area.

## Medical Drape Features Used in CareOxi Incision Set

- It is a component that is placed on the wound and the sponge, fixing the sponge and providing a negative pressure environment by cutting off the contact of the injured surface with air so that the active device can create vacuum.
- Provides a strong and flexible adhesive bond to enable an active lifestyle while keeping the dressing intact.
- It acts as a good barrier against bacteria.
- It provides a soft and safe adhesion to the wound surroundings and healthy skin, while reducing pain during dressing changes.
- Resistant to sweat and liquids.
- It has the feature of staying on the skin for a long time.

## KEY FEATURES

- Continuous Automatic Dressing Leak Test Feature with CareOxi HandyVac Device
- Compatible with Ascending Vacuum, Pulsed Vacuum, Continuous Vacuum Treatment Therapy
  - Practical, Easy Dressing Feature
- Disconnecting Device-Patient Connection with LuerLock Vein Valve Simple Set Connecting
- Leak-Proof, Leak-Free Set Connection and Patient Comfort with the Vein Valve of CareOxi Incision Set



## USAGE AREAS

- Plastic Surgery Wounds, Incision Wounds
- C-Section Wounds, Incision Wounds
- Cardiothoracic & Vascular Surgery Wounds
- Orthopedic Surgery Wounds
- Obstetrics & Gynecological Surgical Wounds



