

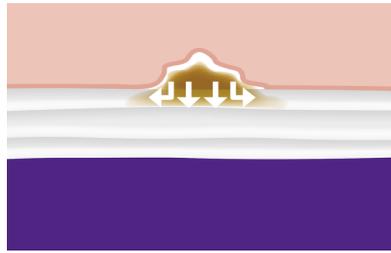
User manual VACUTEX™ wound dressing

VACUTEX™ is a special type of wound dressing that consists of a **patented 3-layer structure** of Polyester and Polyester-Cotton filaments, that mechanically works as a low level “pump” through **capillary action**. It is not identical to Negative Pressure Wound Therapy but has an autologous mechanism similar to NPWT. VACUTEX™ can be used for hard to heal wounds with **moderate to heavy amounts of exudate and slough**.

Independent research confirmed that the negative pressure created by VACUTEX™ is almost as high as the negative pressure created by NPWT devices, but without the use of external electrical power or batteries and without creating a vacuum in the wound!

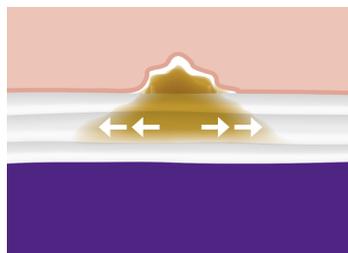
The permanent capillary action of VACUTEX™ is unique and consists of three components, namely:

1) Absorbing;



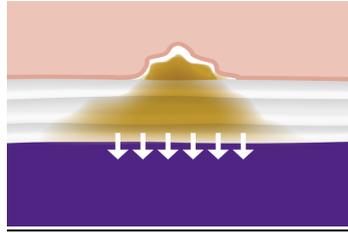
The VACUTEX™ dressing absorbs wound exudate vertically from the wound bed by accelerated capillary action, without adhering to the wound surface.

2) Draining;



By means of lateral wicking, the absorbed fluid is spread in the central layer. This keeps the wound surface dry.

3) **Wicking and removal;**



When the central wicking layer is saturated, the excess fluid is transferred to the third layer. From there it can be absorbed by a secondary dressing.

Usage of VACUTEX™:

- VACUTEX™ is designed in a way that Wound Care specialists can help to heal every complex wound, even when they are deep, small or undermined.
- VACUTEX™ is a symmetrical dressing. VACUTEX™ doesn't have a up- or downside, but the moment VACUTEX™ comes into contact with the wound bed, VACUTEX™ becomes single directional from the wound bed to the outside of the dressing. Due to its unique construction it preserves 100% of its capillary activity.
- VACUTEX™ can, due to its strong suctioning power, be used to treat wounds in combination with edema management (without or in combination with compression therapy).
- Apply VACUTEX™ on deep wounds, cut to size on the wound bed. Cut the VACUTEX™ dressing 2-3 mm smaller than the size of the wound for deep wounds. This allows the wound edges to grow towards each other during the treatment.
- For flat wounds, VACUTEX™ can be applied without cutting it to the size of the wound, and make sure you cover the wound borders completely with 2 to 3 cm overlap on the skin around the wound.
- Depending on the volume of wound exudate & depth of the wound, several layers of the VACUTEX™ dressing can be put on top of each other. We advise, on heavy exuding wounds, to put a (super) absorbent dressing on top of the upper VACUTEX™ dressing, as extra "storage area" for the exudate.
- VACUTEX™ can be used with average to heavy exuding complex wounds.
- VACUTEX Dressing changes 2-3 times a week.
- At slightly exuding wounds with slow granulation tissue growth, we advise to apply a non-adherent dressing (type Mepitel, Adaptic Touch etc.) on the wound bed and put a VACUTEX™ dressing on top of this non adherent dressing. This prevents that, due to the strong granulating effect of the VACUTEX™ dressing, granulation tissue will grow into the dressing after a few days of therapy.
- VACUTEX™ can also be used as a wound drainage dressing for deep, difficult to reach wounds and fistula. Cut the VACUTEX™ dressing 1 cm smaller than the fistula or undermined wound entry and make sure that a strip of 5 cm of the VACUTEX™ dressing sticks out of the fistula or undermined wound. Put another VACUTEX™

dressing on top of the VACUTEX™ strip to increase the suctioning power from the inside of the wound to the outside of the wound. Cover with a super absorbent dressing (for heavy exuding wounds) or a breathable fixation bandage (for slightly exuding wounds). VACUTEX™ dressing change when used for drainage is every 2 days.

How long can I use the VACUTEX™ dressing on a wound?

- For average to heavy exuding wounds the wound care professional decides how often the VACUTEX™ dressing needs to be changed. We advise for these types of wounds to keep the VACUTEX™ dressing 2-3 days on the wound and to cover it with a (super) absorbent dressing for heavy exuding wounds. The (super) absorbent dressing (on top of the VACUTEX™ dressing) can be changed when it is saturated.
- VACUTEX™ can absorb up to 6 times its own weight in wound fluid, but it is not a super absorbent dressing. It is more like a “pump” that removes wound fluid and edema from the wound area and transports it away from the wound bed.
- VACUTEX™ gives no maceration of the wound edges. Due to its high density and number of capillary channels per cm², it only works on the skin contact side via these channels that are in direct contact with the wound fluid.

For what type of wounds can I use VACUTEX™?

VACUTEX™ can be used for;

- Average to heavy exuding wounds
- Wounds with thick and greasy exudate
- Deep, irregular or undermined wounds
- Difficult to access or difficult to treat wounds
- Acute (traumatic or surgical) wounds with wound healing problems due to edema

Wound types for VACUTEX™;

- Diabetic foot wounds,
- Venous leg ulcers,
- Pressure ulcers,
- Amputations,
- Fistulas,
- Surgical wounds to prevent POWI,
- As an alternative for or as a follow-up therapy after NPWT,
- For skin transplants, both on the donor site as the wound,
- Wounds with venous or arterial insufficiency where compression therapy is wanted but not possible



Contra-indications?

Never use VACUTEX™ on arterial bleedings because of its continuous capillary action and also never for the contra indications as they are mentioned for NPWT (malignant tissue etc.)