SUPER ABSORBENT FOAM ADHESIVE and NON-ADHESIVE DRESSING for CONTINUOUS DIFFUSION OF OXYGEN THERAPY

INSTRUCTIONS FOR USE

Latex-Free Gamma Sterilized For Single Use

Store at Room Temperature

PRODUCT DESCRIPTION
OxySpur™ Oxygen Diffusion Dressing is a highly absorbent hydrophilic dressing designed for use with the TransCu O™ tissue oxygenation device in the management of exuding wounds. The dressing is a multi-layer construct with a highly absorbent hydrophilic foam layer directly adjacent to the wound, a highly absorbent hydrophilic foam layer with channels for oxygen distribution, and a super absorbent polymeric laminate, all of which are covered by an occlusive film. The Adhesive version also includes a hydrocolloid adhesive border. All versions contain an integrated oxygen delivery cannula which supplies oxygen into the oxygen distribution foam layer. The super absorbent layer converts wound fluids into a gel, absorbing and retaining fluid from the foam wound contact layer, thereby maintaining an optimally balanced moisture level in the wound contacting layer for an extended period.

One goal of oxygen therapy is to provide an uninterrupted and continuous supply of oxygen to a moist wound. The dressing is designed such that the oxygen is supplied in a manner that most closely approximates the normal diffusion of oxygen in normal tissues, but at a rate sufficient to fuel the increased oxygen demands required in healing tissues. This therapy is known as Continuous Diffusion of Oxygen (CDO) therapy. The dressing helps to provide an environment for optimal wound healing by providing CDO therapy while managing wound exudates, protecting against wound dehydration and protecting against external bacterial contamination.

OxySpur™ Oxygen Diffusion Dressing is available with or without an adhesive border.

INDICATIONS
Under the supervision of a healthcare professional, the OxySpur™ Oxygen Diffusion Dressing provides an oxygen-enriched, moist environment conducive to wound healing and is indicated for use with the TransCu O™ tissue oxygenation system to treat lightly to heavily exuding wounds such as:

- Pressure ulcers
- Infected residual limbs
- Skin grafts
- Burns
- Frostbite

Since the dressings are able to absorb and retain fluid under pressure, they are suitable for use under compression. The dressings may be used to provide moisture management and protection throughout the healing process.

While the OxySpur™ Oxygen Diffusion Dressing can be used on highly exuding wounds, the level of exudate will determine the effective wear time of the dressing, and the wound should be monitored accordingly.

CONTRAINDICATIONS
OxySpur™ Oxygen Diffusion Dressing is contraindicated for the following:

- Wounds with inadequate perfusion to support healing
- Ulcers due to Raynaud’s disease
- Necrotic wounds covered with eschar or slough
- Wounds with fistulae or deep sinus tracts with unknown depth

PRECAUTIONS AND OBSERVATIONS
Caution: Sterility of the dressing is guaranteed unless the pouch is damaged or opened prior to use. DO NOT use if either has occurred.

- Increased drainage, which can be significant, often occurs after application of Continuous Diffusion of Oxygen therapy and may require an increased dressing change frequency
- Do not use petroleum based products in the moist wound bed as they will prevent oxygen from diffusing into the wound tissue
- The product is intended for single use only
- Do not use after expiration date
- In case of intolerance to the dressing, remove and clean the area carefully
- During the body’s natural healing process, non-viable tissue is removed from the wound (autolytic debridement), which could initially make the wound appear larger

If the wound continues to grow larger after the first few dressing changes, consult a healthcare professional

If difficulty is experienced on removing the dressing, it should be irrigated with water or sterile saline solution

Appropriate supportive measures should be taken where necessary (e.g. use of graduated compression in the management of venous leg ulcers or pressure relief measures in the management of pressure ulcers, systemic antibiotics and frequent monitoring in the treatment of wound infection, control of blood glucose for diabetic ulcers, etc.)

The wound should be inspected during dressing changes

- Consult a healthcare professional if there are: signs of infection (increased pain, increased redness, wound drainage); excessive bleeding; an unexpected change in wound color and/or odor; irritation (increased redness and/or inflammation); sensitivity (allergic reaction); no signs of healing

- A change of dressing regimen can result in an initial increased level of exudate which temporarily may require an increased dressing change frequency

A healthcare professional should frequently inspect and manage diabetic wounds and wounds caused by arterial insufficiency in accordance with local standards

This product is for use on an individual patient: once used it should be discarded appropriately and should not be reproessed or reused

Correct wound and patient assessment is essential before commencing treatment

DRESSING CHANGE AND REMOVAL
Dressing change frequency will depend on the condition of the patient as well as on the level of wound exudate.

To remove a bordered (adhesive) dressing, loosen the adhesive film border before lifting the dressing away from the wound.

To remove a borderless (non-adhesive) dressing, gently lift the corners of the dressing away from the wound.

Reapply when the OxySpur™ Oxygen Diffusion Dressing has reached its absorbent capacity or as directed by a wound care professional.

Cleanse the wound bed prior to application of new dressing.

DIRECTIONS FOR USE
Prior to application of OxySpur™ Oxygen Diffusion Dressing, cleanse the wound area as necessary.

Select a dressing that will allow the wound contact area to completely cover the wound and extend onto healthy tissue.

Remove the sterile dressing from the package.

If required, the borderless (non-adhesive) dressing can be cut, although note that this may increase the risk of product delamination.

To apply a bordered (adhesive) dressing, first remove part of the white plastic liner to expose the adhesive (hydrocolloid) portion of the dressing, Position and smooth into place while removing the second half of the white plastic liner. Carefully smooth around the edge of the dressing to ensure good contact between the adhesive film border and the periwound skin.

For a borderless (non-adhesive) dressing, a secondary film dressing or conforming bandage should be used to secure the dressing in place.

For highly exuding wounds, make sure to secure any fixative film over all the edges of the dressing.

CAUTION: Do not use product if the immediate product packaging is damaged.


If further information or guidance is required, please contact EO Concepts for assistance at: 1-800-825-2979

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