**OASIS® Wound Matrix**

Product Information

- OASIS® Wound Matrix is a natural extracellular matrix (ECM) for difficult-to-heal wounds.
- After 2 to 4 weeks of standard therapy, many wounds simply become stalled.\(^1\)\(^\text{-}^3\) In nonprogressing wounds, OASIS® Wound Matrix replaces the missing or failing ECM, and creates an improved environment for wound healing.\(^4\)
- OASIS® Wound Matrix: is a bioresorbable, 3-dimensional, ECM.
- It is derived from porcine small intestine submucosa, a natural biomaterial.

OASIS® Wound Matrix contains major ECM components present in the dermis.

### OASIS® WOUND MATRIX COMPOSITION

<table>
<thead>
<tr>
<th>COMPONENTS*</th>
<th>OASIS® WOUND MATRIX</th>
<th>DERMAL ECM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COLLAGEN MATRIX</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TYPE I</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>TYPE III</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>TYPE IV</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>TYPE V</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td><strong>ELASTIN</strong></td>
<td>PRESENT</td>
<td>(MINOR)</td>
</tr>
<tr>
<td><strong>GLYCOSAMINOGLYCANS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEPARIN SULFATE</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>HYALURONIC ACID</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>CHONDROITIN</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td><strong>GLYCOPROTEINS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIBRONECTIN</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>LAMININ**</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td><strong>PROTEOGLYCANS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DECORIN</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>HSPG***</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td><strong>GROWTH FACTORS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FGF-2</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>TGF-B</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
<tr>
<td>CTGF</td>
<td>PRESENT</td>
<td>PRESENT</td>
</tr>
</tbody>
</table>

*Components identified are *in vivo* (nonhuman) and *in vitro*.

**Present in OASIS® cultured with cells.

***HSPG=heparin sulfate proteoglycan.
OASIS® Wound Matrix Application Process

Application Protocol

1. Prepare
   If required, perform débridement. Cleanse wound thoroughly using sterile saline.

2. Apply
   Using a clean technique, cut the dry OASIS® Wound Matrix sheet to a size that covers all viable wound tissue and extends slightly beyond the margins. Use as many sheets as necessary to cover the wound, slightly overlapping sheets.

3. Rehydrate
   Rehydrate OASIS® by gently applying sterile saline from a syringe.

4. Dress
   Apply a porous nonadherent dressing over the OASIS® to secure it in place, prevent secondary dressings from adhering to the wound and to enable secondary dressing changes without disturbing OASIS®.

5. Dress
   Apply appropriate secondary dressings (over the nonadherent dressing) to maintain moisture balance and/or to treat bioburden.

6. Cover
   On wet wounds, apply an absorptive dressing.
   On dry wounds, apply a moist dressing.
   Apply a cover dressing to keep all layers securely in place.
   Change dressings as necessary.
   Reapply OASIS® every 7 days.

Reapplication Protocol

7. Protect
   Successful absorption of OASIS® Wound Matrix may form a gel.
   (Note: See OASIS Caramelization on the following page).

8. Cleanse
   Gently rinse the surface of the wound, leaving the caramel-coloured gel intact. Carefully reassess the wound.

9. Hydrate
   Apply new OASIS® over the absorbed product. Rehydrate OASIS® by gently applying sterile saline from a syringe.

10. Dress
   Apply a porous nonadherent dressing over the OASIS®. Followed by appropriate secondary dressing. (See #4 & #5 above).

11. Cover
   Apply a cover dressing to keep all layers securely in place. (See #6 above).

What To Expect At Reapplication

◆ OASIS® visually present in the wound:
  1. The wound has healed — allow remnants to slough off.
  2. OASIS® has dried up — wound was too dry.
    a) Trim off the dried OASIS®.
    b) Reapply OASIS® where it is needed.
    c) Add moisture to the dressing process.
  3. OASIS® has floated away from the wound due to excessive exudate.
    a) Reapply OASIS® where it is needed.
    b) Add more absorptive materials to the dressing.
  4. Caramel-coloured or off-white gel — successful OASIS® absorption. (See Reapplication Protocol #7 above).
◆ An odor may be present (different than produced by an infection).
◆ Exudate levels may fluctuate in the first few weeks.

Note:
- If infection, chronic inflammation, allergic reaction, or excessive redness, pain, swelling, or blistering occur, OASIS® should be discontinued.
- OASIS® is contraindicated for third-degree burns and porcine allergies.
Important information to know when changing secondary dressings in the presence of OASIS® Wound Matrix

OASIS® Wound Matrix is not a dressing. It is a natural biomaterial that replaces the missing or failing dermal ECM needed for wound healing. OASIS® is applied once every 7 days. Secondary dressings (above the nonadherent dressing) can be changed more frequently if required to manage exudate.

The application of OASIS® is carried out by the prescribing physician/nurse. The following instructions are for the management of the secondary dressings only and are guidelines. Always follow the prescribing physician/nurse orders regarding which secondary dressings to use.

OASIS® Wound Matrix is applied directly on the wound and covered with a nonadherent dressing. The purpose of the non-adherent dressing is: 1) to keep OASIS® in place, 2) to prevent secondary dressings from sticking to the wound, and 3) to enable secondary dressing changes without disturbing the OASIS®.

Secondary dressings are used to maintain moisture balance and/or to treat bioburden. If the wound is exuding heavily, example dressings include foam, hydrofiber and alginate. Gel or moisture retentive dressings are recommended if the wound is dry and silver or codexomer iodine containing dressings if the wound has bioburden.

It is very important when changing the secondary dressings not to remove the non-adherent dressing as this will disturb the OASIS® Wound Matrix.

**Recommended Protocol for Secondary Dressings**

**Wet Wound**
1. OASIS® hydrated with sterile saline*, once in place
2. Porous nonadherent dressing (i.e. petrolatum gauze, Silicon treated gauze)
3. Absorbent dressing (i.e. foam, alginate, hydrofiber)
4. Cover dressing

**Dry Wound**
1. OASIS® hydrated with sterile saline*, once in place
2. Porous nonadherent dressing
3. Hydrogel
4. Cover dressing

* Sterile water is sometimes ordered when certain silver dressings are used.

**OASIS®: Caramelization**

Successful absorption of OASIS® may form a gel, either caramel-coloured or off-white in tone. It is important not to remove this gel by debriding, as it contains OASIS® extracellular matrix which continues to replace deficient and missing ECM. These are all normal outcomes with the use of OASIS® Wound Matrix.
## PRODUCT DESCRIPTION | ORDER NUMBER | BOX QUANTITY
--- | --- | ---
3 X 3.5 CM. FENESTRATED | 8213-6010-33 | 10 SHEETS
3 X 7 CM. FENESTRATED | 8213-6010-37 | 10 SHEETS
7 X 10 CM. FENESTRATED | 8213-6010-71 | 5 SHEETS
7 X 10 CM. MESHED | 8213-6020-71 | 5 SHEETS
7 X 20 CM. FENESTRATED | 8213-6010-72 | 5 SHEETS
7 X 20 CM MESHED | 8213-6020-72 | 5 SHEETS