Cytal® / MicroMatrix®
Application Guide
Cytal® and MicroMatrix® Application Guide

Note: Read the entire instructions for use (IFU), provided with each device, before using the following quick reference guide.

1. WOUND BED PREPARATION**

Before using ACell’s wound management devices, the wound must first be debrided of necrotic or non-viable tissue and any infection must be managed.

2. DEVICE PREPARATION

MicroMatrix Device
The product may be applied dry or may be mixed with saline to form a paste. A paste may be helpful for wounds that are difficult to access or where dry application would not be possible. To hydrate, slowly add sterile saline until desired consistency is obtained.

Cytal Device
Hydrate the device(s) with room temperature, sterile saline or Ringer’s solution.

- Cytal 1- or 2-Layer — 2 minutes to hydrate
- Cytal 3- or 6-Layer — 5 minutes to hydrate

The device(s) may be cut to conform to irregularly-shaped wounds.

3. DEVICE ORIENTATION

Cytal Device
When the notched edge is in the upper right corner, the smooth basement membrane side of the device is facing up. Place the basement membrane side facing up and the lamina propria side on the wound.

Cytal Wound Matrix and MicroMatrix are engineered using ACell’s proprietary MatriStem UBM™ (Urinary Bladder Matrix) technology, which has been shown to facilitate the body’s ability to repair and remodel site-appropriate, functional tissue. The fully resorbable, porcine-derived UBM devices are designed to work independently or together to offer a wide range of treatment options for partial- and full-thickness wounds.
WOUND CARE – POST DEVICE PLACEMENT

- Inspect the wound every 7 days for Cytal (alone) or Cytal and MicroMatrix (together). For MicroMatrix (alone) inspect every 2-7 days.
- The wound may have an unpleasant odor and form a caramel-colored gel as the product absorbs into the wound.
- Keep the wound area moist throughout the healing process.
- During dressing changes, gently rinse the wound surface to remove exudate, but leave the caramel-colored gel intact.
- As needed, reapply product to areas where the device is no longer visible and further remodeling is desired.
- Repeat the wound care follow-up process as needed until the wound has epithelialized or desired outcome has been achieved.

4. DEVICE APPLICATION

**MicroMatrix Device**
Apply the powder or paste directly to the wound bed, covering the entire wound with an even distribution of product. Always apply MicroMatrix first if also using Cytal.

*Note: Do not tap the glass vial with metal objects or handle it in a way that may cause glass to break.*

**Cytal Device**
Apply the device(s) directly to the wound. Device(s) may be layered to conform to irregularly shaped wound beds. Cytal may be secured by sutures, staples, or steristrips, if necessary.

*Note: For large wounds, more than one Cytal sheet may be necessary to obtain complete coverage. Slightly overlap device edges to ensure complete wound coverage.*

5. WOUND DRESSING

**Primary Dressing**
Cover the device(s) with a non-adherent dressing. The dressing may be sutured or stapled in place to protect the device. If the wound is dry or in an area that is prone to dryness, apply a moisture-adding dressing such as hydrogel to sufficiently hydrate the wound. If the wound is heavily exudative, apply an absorptive dressing on top of the non-adherent dressing.

**Secondary Dressing**
Secure the primary dressing in place with a secondary dressing that will bolster and protect the wound.
** If active infection is present, treat patient to resolve infection prior to device application.

† The decision of which techniques or products to use in a particular clinical application lies with the physician based on patient profile, particular circumstances surrounding the procedure, and previous clinical experiences.

‡ Based on Cytal® Wound Matrix 1-Layer device particulate mass conversion and safety data on file (TP-0012). Does not reflect wound depth, which may adjust product need.

This is a suggested guideline for wounds managed with ACell wound devices. The provided suggestions are not intended to supersede internal institutional protocols and sound clinical judgment.

Rx ONLY Refer to IFU supplied with each device for indications, contraindications, and precautions.

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