

US Pat. 6,576,265; 6,849,273; 6,861,074;  
6,890,564; 6,887,495; 9,265,860; 9,433,701

AU Pat. 777,652; 2005200350

CA Pat. 2,393,468

CN Pat. 200920004482.2

EU Pat. 1239897

JP Pat. 3824537; 4942908

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LBL-1007.0

**REF** WS0303; WS0307; WS0710; WS1015;  
WSM0505; WSM0710; WSM1015

## SYMBOLS GLOSSARY

	Title of Symbol/ Explanatory Text	ISO 7000 Reference Number
	Batch Code	2492
	Catalogue Number	2493
	Consult Instructions for Use	1641
	Do Not Re-sterilize	2608
	Do Not Reuse	1051
	Do Not Use if Package is Damaged	2606
	Manufacturer	3082
	Serial Number	2498
	Sterilized Using Irradiation	2502
	Use By Date	2607

Above symbols conform with the following standards:

ISO 15223 — 1:2012 Medical devices — Symbols to  
be used with medical device labels, labelling and  
information to be supplied — Part 1: General  
requirements

ISO 7000 — Graphical symbols for use on  
equipment — Registered symbols

# Cytal™

## WOUND MATRIX

**1-Layer**

**2-Layer**

## INSTRUCTIONS FOR USE

**Rx Only**

 **ACell**®  
ACell, Inc.  
6640 Eli Whitney Drive  
Columbia, MD 21046  
www.acell.com  
800-826-2926  
MADE IN USA

## DEVICE DESCRIPTION

Cyral™ Wound Matrix 1-Layer and Cyral Wound Matrix 2-Layer are composed of a porcine-derived extracellular matrix also known as urinary bladder matrix. The devices are supplied in a sheet configuration in sizes up to 10 cm x 15 cm and packaged in double peel-open pouches. The devices are terminally sterilized using electron beam irradiation.

## INDICATIONS

Cyral Wound Matrix 1-Layer and Cyral Wound Matrix 2-Layer are intended for the management of wounds including: partial and full-thickness wounds, pressure ulcers, venous ulcers, diabetic ulcers, chronic vascular ulcers, tunneled/undermined wounds, surgical wounds (donor sites/grafts, post-Mohs surgery, post-laser surgery, podiatric, wound dehiscence), trauma wounds (abrasions, lacerations, second-degree burns, skin tears), and draining wounds. The device is intended for one time use.

## CONTRAINDICATIONS

1. Patients with known sensitivity or allergy to porcine materials.
2. Third-degree burns.

## WARNINGS

1. Exposure to contaminated or infected field can lead to rapid breakdown of device.
2. If active infection is present, treat patient to resolve infection prior to device application.
3. Do not use if cracked, broken, or otherwise damaged.

## PRECAUTIONS

Always use aseptic technique when handling device.

## STORAGE

Store in a clean, dry environment at room temperature in unopened and undamaged package. Protect from freezing, excessive heat, and high humidity.

## STERILIZATION

Cyral devices are supplied sterile by electron beam irradiation in double peel-open pouches. Device is sterile if device pouch is unopened and undamaged.

## POTENTIAL COMPLICATIONS

Complications and reactions are possible with any soft tissue repair, including but not limited to: infection, increased chronic inflammation, allergic reaction, unexplained fever or chills, excessive redness, pain, or swelling.

Any adverse reaction should be reported to ACell:  
US Toll-Free: 1-800-826-2926

**The following procedures only serve as a suggested guideline for the management of wounds with Cyral Wound Matrix 1-Layer and Cyral Wound Matrix 2-Layer. The provided suggestions are not intended to supersede internal institutional protocols and sound clinical judgment.**

## DEVICE APPLICATION

1. Clean wound bed and irrigate to remove exudate and debris.
2. Perform standard debridement procedures in line with internal institutional protocols.
3. Using standard aseptic/sterile technique, open device pouches and remove device from inner pouch.
4. Hydrate device in a sterile dish with room temperature sterile saline (0.9%) or sterile lactated Ringer's solution prior to use.

**Minimum hydration time:** 2 min

**Maximum hydration time:** 45 min

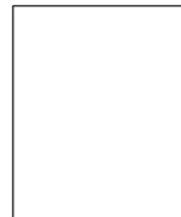
5. Cut device to the desired size, ensuring complete wound coverage.

**NOTE:** If using MicroMatrix® in conjunction with a Cyral device, apply MicroMatrix directly to wound as described in the corresponding Instructions for Use prior to applying the Cyral device.

6. Apply device directly to the wound bed.

**Large Wound** - More than one device may be necessary to obtain complete coverage. Overlap device edges slightly to assure coverage of entire wound.

**NOTE:** For Cyral Wound Matrix 2-Layer device only, place epithelial basement membrane side of device away from defect. When sidedness indicator (notch) is in location shown in image, epithelial basement membrane side of device is facing up.



7. Cover device with non-adherent dressing. Secure dressings to wound site.

**Wet Wound:** Apply an absorptive dressing. Secure dressings to wound site.

**Dry Wound:** Apply a hydrogel dressing to keep wound moist. Secure dressings to wound site.

**NOTE:** Keep device and wound bed moist.

## WOUND CARE MANAGEMENT

1. Inspect primary dressing at least every 7 days.
  - Remove exudate and apply new device to any non-covered wound areas as necessary.
  - During new device application, cover device with a new and appropriate secondary dressing, as described above.
2. Change all secondary dressings as appropriate for the wound type.
  - During secondary dressing changes, do not remove any remaining device that is present on wound surface.
  - As device is resorbed and incorporated, it may form a caramel-colored gel and emit a pungent odor.
3. Rinse wound surface gently leaving any existing caramel-colored gel on wound surface.
4. Repeat wound care management process weekly until wound has epithelialized or until desired wound state is achieved.

**NOTE:** Maintain moist wound environment throughout wound care management procedures.