Universal Combat Matrix®

Description:

The Universal Combat Matrix® is a non-pyrogenic, sterile, single use device intended for use in local management of wounds. The Universal Combat Matrix® is a soft, white, conformable, non-woven, absorbent, biocompatible fiber matrix made from synthetic biomaterials. The Universal Combat Matrix® conforms in the defect space / wound bed and includes a fibrous, porous structure that allows for fluid absorption. The Universal Combat Matrix® is structurally similar to collagen, a key component of the native extracellular matrix, and serves as a scaffold for cellular infiltration and vascularization. Universal Combat Matrix® promotes a moist environment for the body's natural healing process.

Only light pressure without mechanical compression or secondary bandaging is required for proper device function. Rinse with saline and reapply Universal Combat Matrix® every 6-12 hours.

Indications for Use:

The Universal Combat Matrix® is intended for use in the management of wounds. Wound types include: Partial and full-thickness wounds, pressure ulcers, venous ulcers, diabetic ulcers, chronic vascular ulcers, tunneled/undermined wounds, surgical wounds (donor sites/grafts, post-Moh's surgery, post laser surgery, podiatric, wound dehiscence), trauma wounds (abrasions, lacerations, first degree and partial thickness burns, skin tears) and draining wounds.

Contraindications:
None known.

Warnings and Precautions:

- Do not use Universal Combat Matrix® if packaging is damaged or broken prior to use.
- Do not use Universal Combat Matrix® for a total of more than 30 days.
- Do not use Universal Combat Matrix® in patients with demonstrated hypersensitivity to silicon dioxide (SiO_2) fibers.
- Universal Combat Matrix® is supplied sterile. The internal protective plastic container, if used, is not a sterile barrier. This packaging will serve as an effective barrier against contamination until the printed expiration date.
- Universal Combat Matrix® is single use only. It should not be re-packaged or resterilized. Re-packaging or resterilization may result in damage to the device, device failure, reduced biocompatibility, and complications such as infection. Unused portions of the Universal Combat Matrix® should be discarded.
- Universal Combat Matrix® may adhere to the wound bed after prolonged exposure. Removal of adhered material may result in re-injury of the wound bed.
- The device is not designed to be held in place with compression bandages or tapes. Only light pressure without mechanical compression or secondary bandaging is required for proper device function.
- If signs of infection occur, consult a healthcare provider immediately.

Storage:
Store at room temperature in a dry location. Avoid excessive heat or humidity. Refrigeration of Universal Combat Matrix® is not necessary.

Instructions for Use:
These recommendations are designed to serve only as a general guideline. They are not intended to supersede institutional protocols or professional clinical judgement concerning patient care.

Preparation :

1. Prepare the wound using standard methods to ensure it is free of debris and necrotic tissue. If necessary, surgically debride the wound to ensure it contains viable tissue. Controlled bleeding from the wound is acceptable.

Application:

1. Apply Universal Combat Matrix® directly to the wound by gently pressing the matrix onto the wound surface.
2. Ensure full and even contact with the wound bed.

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Universal Combat Matrix®

3. Do not apply a secondary bandage on top of Universal Combat Matrix® unless required. Leave the treated wound uncovered as much as possible to allow airflow.
4. If dressing is required, use only breathable materials that allow moisture vapor transmission. Avoid occlusive dressings.

Reapplication:

1. The Universal Combat Matrix® may be reapplied every 6-12 hours
2. To reapply, rinse the wound with sterile saline or clean water to remove accumulated exudate.
3. Do not surgically debride the wound during reapplication of Universal Combat Matrix®. Allow the rinsing process to gently remove exudate and debris.
4. After rinsing, apply new Universal Combat Matrix® using the method described above.
5. The reapplication process may be repeated at 6–12-hour intervals until the wound is dry, nonexudative or wound closure is achieved.
6. This process should be continued or modified based on clinical evaluation by a qualified healthcare professional.

Symbols Glossary:

℞ ONLY	Caution: Federal (U.S.A.) law restricts this device to sale by or on the order of a licensed healthcare practitioner.
REF	Catalog number
STERILE R	Sterilization Using Gamma Irradiation
	Single Use
	Single-Sterile Barrier with Protective Packaging
LATEX	No Latex in Product
	Do not use if packaging is damaged
	Refer to Instructions for Use
	Non-Pyrogenic

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