

Integra™

Flowable Wound Matrix

Because we are committed to limiting uncertainty, Integra continues to develop new products in the area of advanced wound care, establishing itself as the market leader in regenerative technology.



INTEGRA™
LIMIT UNCERTAINTY

Descriptions

Integra™ Flowable Wound Matrix is an advanced wound care matrix comprised of a granulated cross-linked bovine tendon collagen and glycosaminoglycan. The granulated collagen-glycosaminoglycan is hydrated with saline and applied in difficult to access wound sites and tunneled wounds. It provides a scaffold for cellular invasion and capillary growth.

Integra Flowable Wound Matrix is mixed with sterile saline solution at the time of application to form a gel-like consistency. This flowable wound matrix is designed for use in deep soft tissue or tunneling wounds, such as diabetic ulcers, pressure ulcers, venous ulcers, chronic vascular ulcers and other wounds where a flowable wound matrix is appropriate.

When a wound is found to “tunnel” into deep soft tissue and has an irregular geometry, grafting with a sheet form will not be adequate. In order to effectively correct the defect, one must obtain contact with the wound bed and fill the wound. This can be accomplished with Integra Flowable Wound Matrix, which is administered through a syringe with a flexible injector. This composition and method of administration allows for complete coverage in deep creviced wounds in a minimally invasive manner.

Indications

Integra Flowable Wound Matrix is indicated 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/grfts, 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.

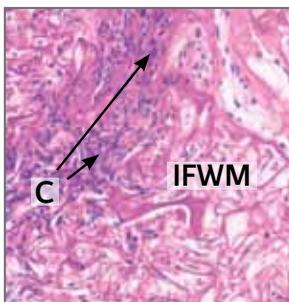
Demonstration of filling wound



The histology images are from a guinea pig wound healing study¹

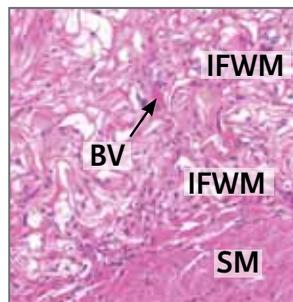
The healing response of deep wounds created in the dorsal muscles were evaluated at 2, 4, 8 and 19 weeks following treatment with Integra Flowable Wound Matrix. Histologic sections revealed good contact of the material with wound margins throughout the healing process. Wounds containing Integra Flowable Wound Matrix were associated with extensive and rapid ingrowth of cells and vascularization followed by new tissue deposition and remodeling over time.

Week 2



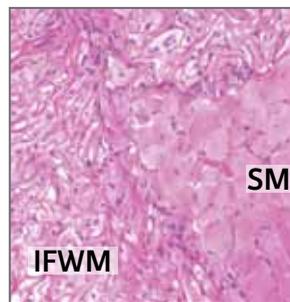
Cells (C) rapidly begin to migrate from wound margins into (IFWM).

Week 4



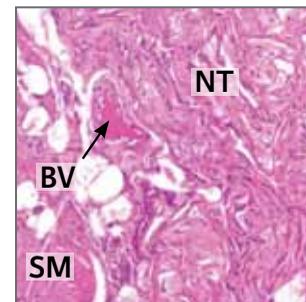
Cells continue to proliferate and migrate from the skeletal muscles (SM) throughout the wound area and blood vessels (BV) begin to grow into the (IFWM).

Week 8



Cells actively deposit new tissue matrix within (IFWM). Integra Flowable Wound Matrix maintains good contact with skeletal muscles (SM).

Week 19



New tissue (NT) is present and continues to mature.

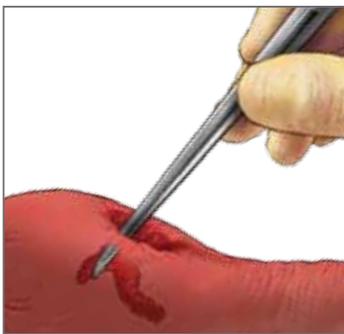
Preparation and Application

Step 1A: Preparation for Application

Complete removal of necrotic tissue is essential to wound bed preparation. Effective wound excision reduces bacterial loads and allows for effective wound examination.

Step 1B: Explore Wound for Tracking and Undermining

Probe wound with cotton swab to identify areas of wound tracking or undermining into adjacent soft tissue. Undermining may be extensive and thorough investigation should be performed.



Step 2: Preparation of Integra Flowable Wound Matrix

Prepare the Integra Flowable Wound Matrix according to accompanying instructions.



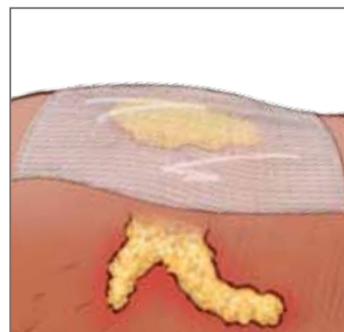
Step 3: Infusion of Integra Flowable Wound Matrix

Insert flexible injector into deepest part of wound or until resistance is met. Gently infuse Integra Flowable Wound Matrix filling wound space.



Step 4: Application of Secondary Dressing

Prepare the Integra Flowable Wound Matrix according to accompanying instructions.



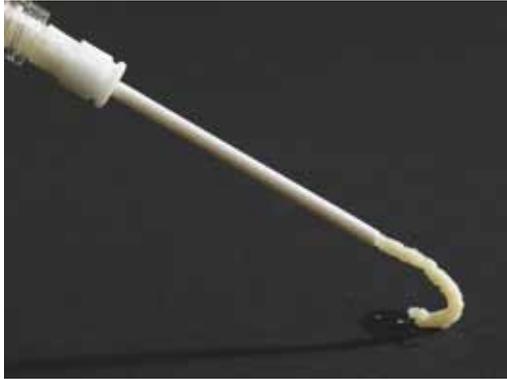
Step 5: Final Dressing Application

Wrap the wound and surrounding areas using standard technique.

References

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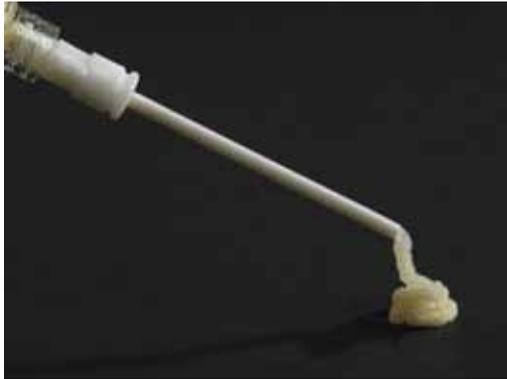
Flowable Wound Matrix



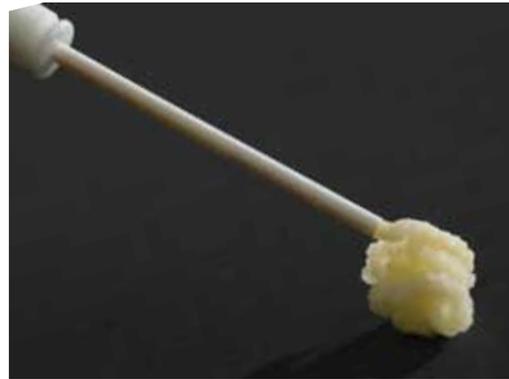
A



B



C



D



Integra Flowable Wound Matrix

Catalog Number	Size	Units/Case
FWD 301	3cc	1 Unit/Kit

For more information or to place an order, please contact:
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