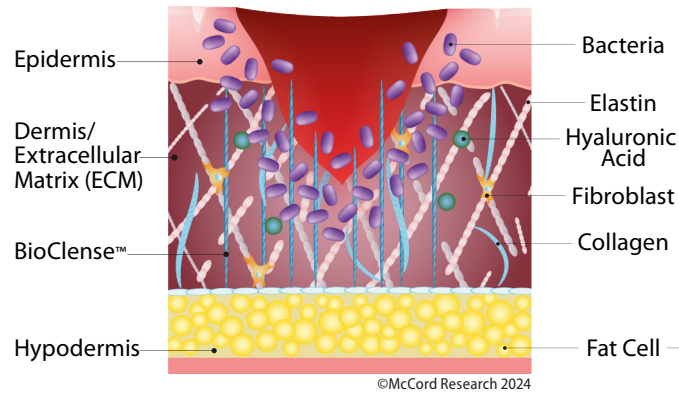


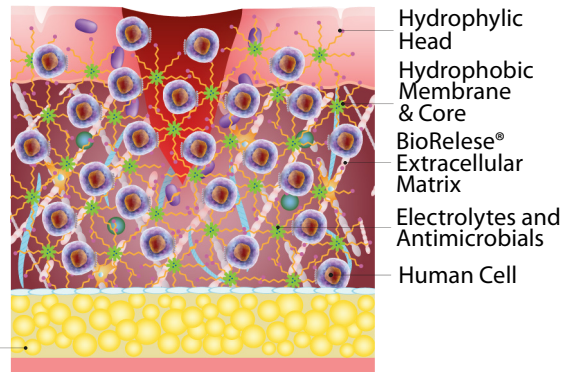
McCord Chronic Wound Treatment Protocol

Wounded ECM



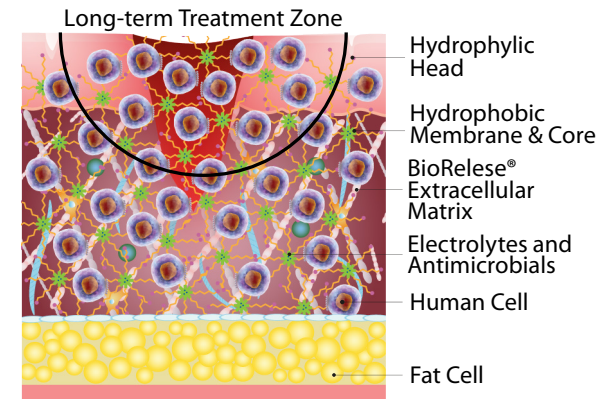
©McCord Research 2024

Synthetic ECM



©McCord Research 2024

Closed Wound



©McCord Research 2024



Wounds With Bioburden

1. Follow instructions for BioRelease® Foaming Cleanser.
2. Apply a coat of BioRelease® Hydrogel.
3. Cut the corner of the AgFresh® packet and squeeze a bead of the product down the center of the wound.
4. Cut the corner of the BioRelease® packet and squeeze a bead of the product over the AgFresh® Hydrogel.
5. Spread the two products evenly over the wound to fill. The AgFresh® will incorporate into the entire area by itself.
6. Cover with secondary dressing as indicated.

Wounds Without Bioburden

1. Debride wound as indicated.
2. Apply BioRelease® Foaming Cleanser into wound bed liberally and allow to soak in...in preparation for BioRelease® Hydrogel.
3. Cool BioRelease® Hydrogel. in a cup of ice water until it is water thin (about 70° F). BioRelease® Hydrogel will form a thick hydrogel with body contact. This will allow filling in of all crevices before gelling.
4. Squeeze bottle to release product into wound making sure to fill any tunnels.
5. Fill the entire wound bed with product. Spread, if required, to get uniform coverage.
6. Cover with secondary bandage as indicated.

BioRelease® Foaming Cleanser

1. Debride wound as indicated.
2. Spray BioRelease® Foaming Cleanser liberally into wound bed, and 2-3 inches on to wound margin, and allow to soak in. Dab excess product.
3. BioRelease® Foaming Cleanser is a no-rinse formula – The product is designed to remove debris below the wound bed in preparation for BioRelease®.
4. BioRelease® Foaming Cleanser is an antimicrobial product that effectively kills hard to reach pathogens found just below and at the wound's surface.

©McCord Research 2024

CHRONIC PATHOGEN COUNT POTENTIAL PER 2 SQUARE INCHES OF WOUND

	Bacteria Count	Time (hours)
Stage 1	50	0.017
	100	2.317
	200	4.617
	400	6.917
	800	9.217
	1,600	11.517
	3,200	13.817
	6,400	16.117
	12,800	18.417
	25,600	20.717
	51,200	23.017
	102,400	25.317
	204,800	27.617
	409,600	29.917
Stage 2	819,200	32.217
	1,638,400	34.517
Stage 3	3,276,800	36.817
Stage 4	6,553,600	39.117
	13,107,200	41.417
	26,214,400	43.717
Stage 5	52,428,800	46.017

	Bacteria Count	Time (hours)
Stage 1	100	0.017
	200	2.317
	400	4.617
	800	6.917
	1,600	9.217
	3,200	11.517
	6,400	13.817
	12,800	16.117
	25,600	18.417
	51,200	20.717
	102,400	23.017
	204,800	25.317
	409,600	27.617
Stage 2	819,200	29.917
	1,638,400	32.217
Stage 3	3,276,800	34.517
Stage 4	6,553,600	36.817
	13,107,200	39.117
	26,214,400	41.417
Stage 5	52,428,800	43.717

	Bacteria Count	Time (hours)
Stage 1	1,000	0.017
	2,000	2.317
	4,000	4.617
	8,000	6.917
	16,000	9.217
	32,000	11.517
	64,000	13.817
	128,000	16.117
	256,000	18.417
Stage 2	512,000	20.717
	1,024,000	23.017
	2,048,000	25.317
Stage 3	4,096,000	27.617
Stage 4	8,192,000	29.917
	16,384,000	32.217
	32,768,000	34.517
Stage 5	65,536,000	36.817

PRODUCT FACTS: NANOPARTICLE SCIENCE
Micelles: 5.18×10^{17} (518 quadrillion) per 1mL of BioRelease®
Cations: 4.5×10^{21} (4.5 sextillion) per 1g of AgFresh® (fentonite side)

MCCORD

McCord Research, Inc.
580 N Madison Ave, Suite 4
North Liberty, IA 52317
www.mccordresearch.com

- Release of Autoinducers
- Colonization
- Release of Virulent Factors