



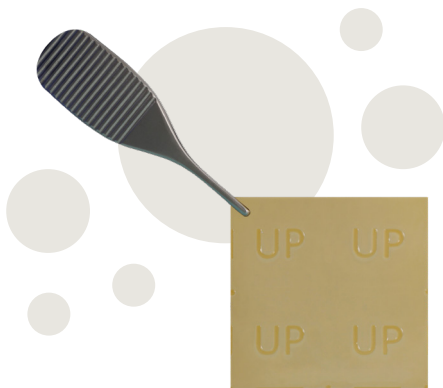
# THE FIRST AND ONLY HUMAN KERATIN MATRIX

## progenamatrix

ProgenaMatrix® is a novel, advanced wound care product made from human keratin and is the first and only human keratin matrix commercially available. The all-natural human keratin protein in ProgenaMatrix offers a new and completely unique solution to wound care clinicians.

ProgenaMatrix is hydrated, non-cellular, resistant to degradation and supports the body's own healing process. The bio-inspired design makes ProgenaMatrix the next generation of advanced wound therapy.

## Benefits of ProgenaMatrix®



FDA cleared  
510(k)  
product



Composed of  
native human  
keratin



Helps maintain a  
moist environment  
conductive to  
healing



Native protein  
matrix supports  
cellular activation  
and migration



Keratin resists  
protease  
degradation,  
allowing for  
longer effective  
treatment periods



No risk of  
xenogenic  
response



No risk of disease  
transfer associated  
with tissue-based  
products



No HCT/P  
tissue tracking  
requirements



Easy storage at  
room temperature  
and 2 year+ shelf  
life



Complements  
standard of  
care for the  
management of  
large and/or  
challenging wounds



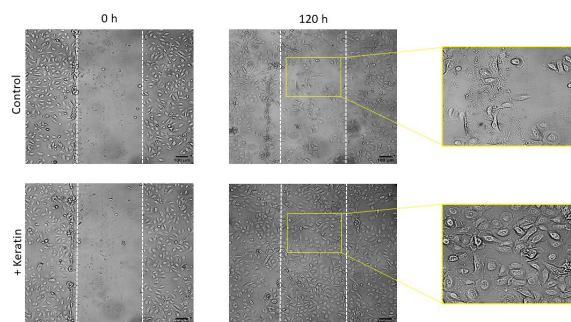
DISCOVER  
PROGENAMATRIX™  
IN ACTION

Scan the code to explore  
our case studies

## The Science of Keratin

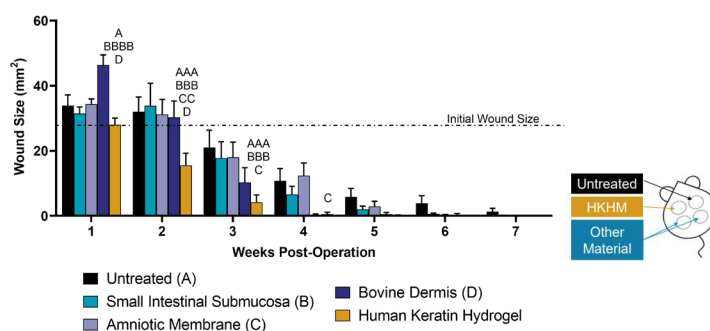
Keratin is a primary component of human skin and plays a key role in the wound healing process. Studies have shown that keratin stimulates keratinocyte activation, migration, and collagen synthesis and fibroblast activation, all of which are important for wound bed granulation and re-epithelialization, as well as modulating the immune response.<sup>1,2</sup> In vivo results in a delayed healing diabetic mouse model indicate that human keratin matrix accelerates wound closure when compared to other advanced biomaterial products.<sup>2</sup>

### In Vitro Addition of Human Keratin Increases Keratinocyte Migration<sup>2</sup>



The scratch assay demonstrates that keratinocytes migrate/proliferate into an empty area more quickly in the presence of human keratin *in vitro*.

### Comparison of Biologic Advanced Wound Care Products



ProgenaMatrix is indicated for dry and exuding partial and full thickness wounds such as:

- ✓ Venous stasis ulcers
- ✓ Pressure ulcers
- ✓ Surgical wounds
- ✓ Diabetic foot ulcers
- ✓ Partial thickness burns
- ✓ Donor sites and grafts

## Ordering Information

| SIZE          | PRODUCT CODE |
|---------------|--------------|
| 2 cm x 2 cm   | PM3002       |
| 3 cm x 3 cm   | PM3003       |
| 4 cm x 4 cm   | PM3004       |
| 6 cm x 6 cm   | PM3006       |
| 10 cm x 10 cm | PM3010       |
| 12 cm x 2 cm  | PM2012       |

To Order Send An Email To:  
accounts@venturemedical1.com

## Reimbursement

CMS has assigned Skin Substitute Q Code: Q4222, ProgenaMatrix, Human Keratin Matrix, per cm2

Please contact our team for all reimbursement-related questions. You can also speak to your sales representative to discuss the program.

Phone: (800) 881-1809  
Email: reimbursement@venturemedical1.com

<sup>1</sup> Tang L, Sierra JO, Kelly R, Kirsner RS, Li J. Wool-derived keratin stimulates human keratinocyte migration and types IV and VII collagen expression. *Experimental Dermatology*, 2012, 21, 458-460  
<sup>2</sup> Data on file