

matriderm®

Tissue Regeneration – In a One-Step Procedure

Secures the quality of your work

Works with the skills of nature

MatriDerm® is a collagen elastin scaffold.

Our proprietary Advanced CryoSafe® Technology provides:

- Structural & biochemical properties of native collagen
- No chemical cross-linking – no damage to the matrix
- High similarity to human dermis

MatriDerm® supports all crucial steps for tissue regeneration:

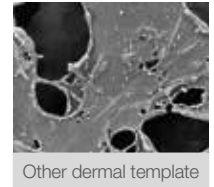
- Immediate cell migration and ingrowth
- Rapid proliferation
- Fast neoangiogenesis



Human dermis

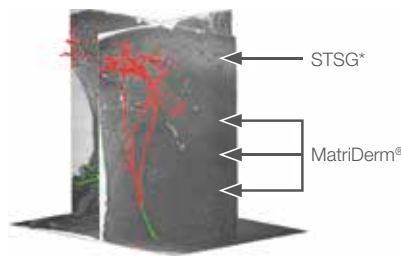


MatriDerm®



Other dermal template

Scanning-Electron-Microscopy images courtesy of Dr. Mörgelin, Sweden



Angiogenesis 15 days post implantation – courtesy of Prof. Kamolz, Austria

* Split-Thickness Skin Graft

Works for you

Quality in Structure

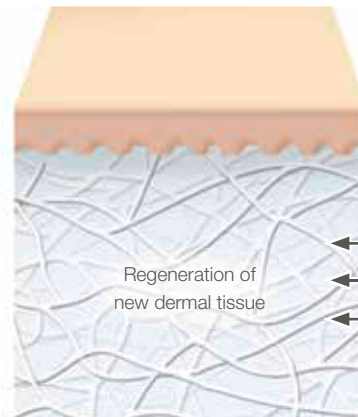
Native dermal matrix

- Improves functionality through increased skin quality
- Avoids scar formation
- Provides an optimal environment for wound healing:
The reconstructed skin is more elastic and closer to normal skin architecture than STSG* alone

Quality in Efficacy

Permanent wound closure in an easy One-Step Procedure

- Reduces patient's risk of complications
- Saves time and costs



Reduced

- Wound contraction
- Scar formation

Improved

- Elasticity
- Flexibility
- Strength

Collagen-Elastin

Effect of MatriDerm® in a Skin Model

Works for your patients

Quality of Life

Superior functional and aesthetic outcome

- Restoration of full functionality
- Facilitates early rehabilitation and return to work
- Helps to restore normal daily activity



Photo courtesy of Prof. Kamolz, Austria

MatriDerm® secures the quality of your work

MatriDerm® delivers a superior functional and aesthetic outcome in all kinds of full-thickness wounds – acute and chronic.



3rd degree burn



1 year post-operative



Pressure ulcer



1 week post-operative



Carcinoma excision



6 months post-operative



Mixed chronic ulcer



2 weeks post-operative



Debridement after dog bite



2 years post-operative



Trauma – degloving



6 months post-operative



Adherent scar



1 year post-operative



Trauma – avulsion



5 weeks post-operative

All cases with courtesy of the responsible surgeon

Science you can feel

Our Proprietary Advanced CryoSafe® Method preserves and refines the natural properties of biomaterials into science-based MedCare solutions. MatriDerm® based on TRC Technology is a dermal template enabling tissue regeneration in a One-Step Procedure.

TRC
TECHNOLOGY



medskin  solutions
DR. SUWELACK

MedSkin Solutions Dr. Suwelack AG
Josef-Suwelack-Strasse
48727 Billerbeck | Germany

P +49 (0) 2543 2182-0
E info@medskin-suwelack.com
W www.medskin-suwelack.com

material number 89582-002