

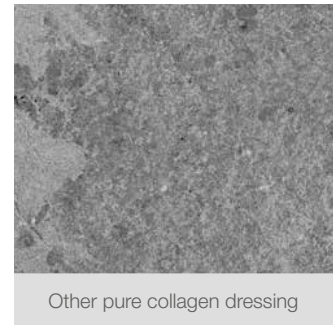
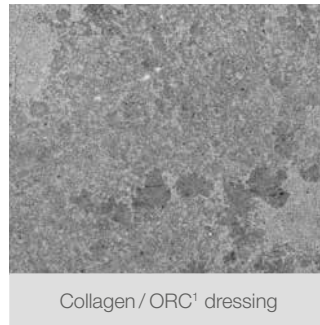
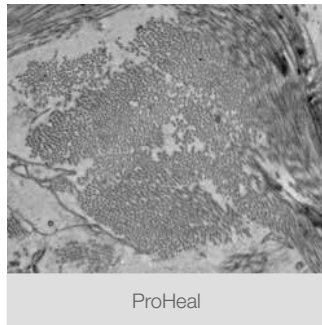
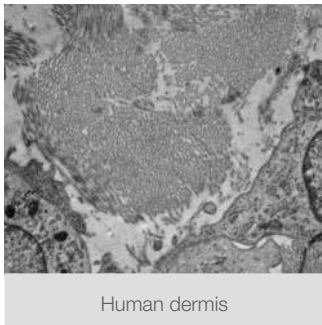
proheal

Biological Wound Therapy

Based on biological principles

Our proprietary Advanced CryoSafe™ Method provides:

- Structural and biochemical properties of native collagen
- No chemical cross-linking
- High similarity to human skin



Transmission Electron Microscopy images courtesy of Dr. M. Mörgelin, Sweden

Promotes fast wound healing

Step 1

Inflammation & Granulation

Modulates MMP² and Fibroblast activity

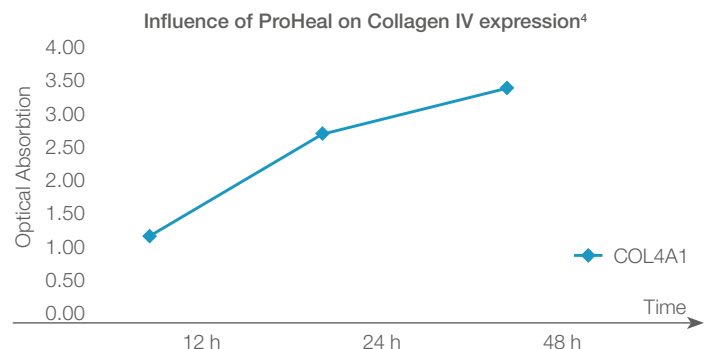
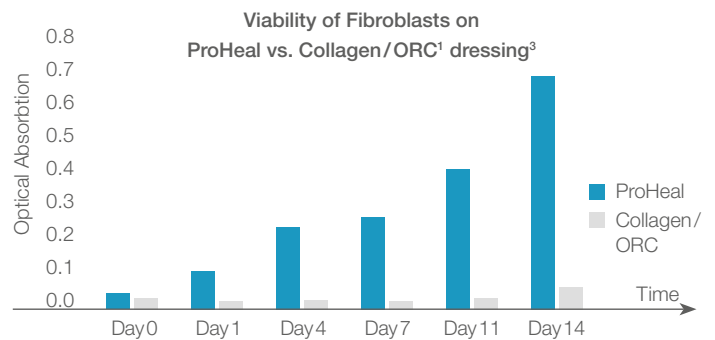
- Modulation of MMP² activity
- Increased viability of fibroblasts (collagen synthesis)
- Supports formation of structured granulation tissue
- Decrease of enzymatic degradation of new formed tissue

Step 2

Epithelialization

Railway for Keratinocytes

- Promotion of Collagen IV basal membrane formation
- Foundation for migrating Keratinocytes



1 Oxidized regenerated cellulose

2 Matrix metalloproteinases

3 Assays done by Prof. C. Kasper, Leibniz University Hannover, Germany, 2011

4 Collagen IV study by Dr. R. Bauer, University Regensburg, Germany, 2011

