



Nanogen Aktiv and Aktigel are advanced healing solutions based on plant collagen and stem cells from the Brazilian rainforest, designed to effectively treat chronic wounds at all stages. This antimicrobial nano-biotechnology membrane stimulates natural cellular regeneration and is easily applied under any secondary dressing to accelerate healing.

Main Features

- Nano-biotechnology membrane created from plant extracts and stem cells from Brazilian rainforest
- Bio-cellulose membrane based on plant-origin collagen
- Product manufactured in bioreactor for 20 days
- Releases Nanogen fibres in wound only 2 nanometers long
- Available range: Nanogen Aktiv (membranes 3 x 3cm to 10x 20 cm) and Nanogen Aktigel (15 ml, 90 ml)
- Advanced natural wound treatment
- Complete treatment options:
 - Capable of mimicking wound extra-cellular matrix (ECM)
 - Creates "collagen-mimetic" extra-cellular matrix
 - 1+1 = 3 - Joint use of Nanogen Aktiv and Nanogen Aktigel improves performance
 - Aktigel can be used with any other product
 - Wound healing accelerator gel for chronic wound stimulation
 - Can be used on all wounds and at all stages
 - Creates scaffolding and facilitates epithelial cell migration across wound bed

Description

SAFE USE

- Effective antimicrobial product - creates bactericidal environment in wound
- Activates intracellular signaling pathways that regulate different wound stages
- Increases activity of NK cells (natural killer cells), T cells and B cells of immune system
- Stimulates body to produce more collagen
- Stem cells regenerate senescent cells
- Contains essential nutrients: vitamins (B1, B2, B3, B6, B12, C, D, E, K), acids (folic, acetic, lactic, glucuronic and usinic), enzymes
- Impact at quantum level with same size particles, frequency and resonance as body's molecular materials

USER-FRIENDLY OPERATIONS FOR CLINICIANS

- Fast absorption into wound bed (2-3 minutes) before secondary dressing application
- Cost-effective - Average price per application similar to basic Hydrogel
- Simple application: gel must be absorbed by wound before secondary dressing application
- Very effective solution for "difficult to heal" chronic wounds
- Allows healthcare system to save considerable sums

