

AKTISCHICHT[®]

WOUND CARE SOLUTIONS

by NanoEx

- Transparent Patch with Antibacterial Properties
- Regenerates Dermal and Epidermal Layers
- Suitable for Infected and Uninfected Wounds



www.aktischicht.ch



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Aktischicht is an innovative, CE marked, phenomenal new product in chronic wound (a silent epidemic) healing, result of years of research in wound treatment, manufactured in a state-of-the-art production facility and categorized as an affordable active quality product.

This biological wound dressing has scaffolds similar to the structure of a normal extracellular matrix with very specific polymers and architecture, with a distinctive feature of reconstructing the deep layers of the skin (i.e., derma). Aktischicht is applicable as an affordable effective skin substitute (3rd line of wound therapy) at a cost comparable to the wound dressings (2nd line of wound therapy).



PROPERTIES

MULTILAYER, FLEXIBLE, FORMABLE, ADHESIVE, SUPERABSORBENT AND 100% TRANSPARENT

ANTIBACTERIAL AND ANTIBIOFILM PROPERTIES

OPTIMIZING MOISTURE AND PH OF THE WOUND BED

FLEXIBLE AND ADJUSTABLE TO THE SHAPE OF THE WOUND BED

BIOCOMPATIBLE AND BIODEGRADABLE IN WOUND BED

USABLE IN ALL PHASES OF WOUND HEALING

REDUCTION OF SCAR TISSUE FORMATION

APPLICABLE ON EXPOSED TENDONS AND BONES

POROUS AND BREATHABLE DRESSING

APPLICABLE ON THE JOINTS WITHOUT RESTRICTING THE JOINT MOVEMENT



INDICATIONS

Burn wounds

Diabetic foot ulcers

Pressure ulcers

Traumatic ulcers

Skin grafts

Donor sites

Surgical wounds

Cavity wounds

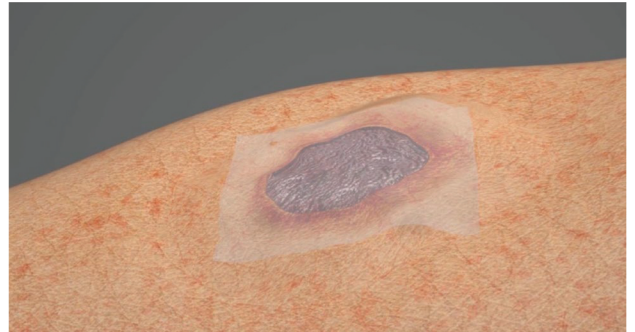
Wounds with minimal to moderate exudate

Infected and non-infected wounds



- **Transparency**

Aktischicht provides maximum transparency enabling the clinicians monitor the wound healing process.



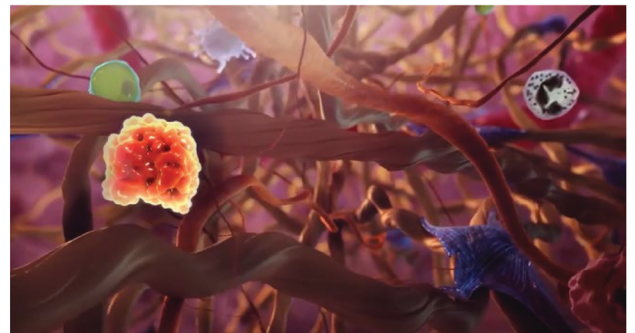
- **Antibacterial and Antibiofilm Properties**

The composite materials used in Aktischicht have antimicrobial properties that can significantly reduce the exudation and odor caused by the infection.



- **Modulation of Inflammation**

Aktischicht modulates the Inflammation reaction and physically prevents the entry of microorganisms into the wound.



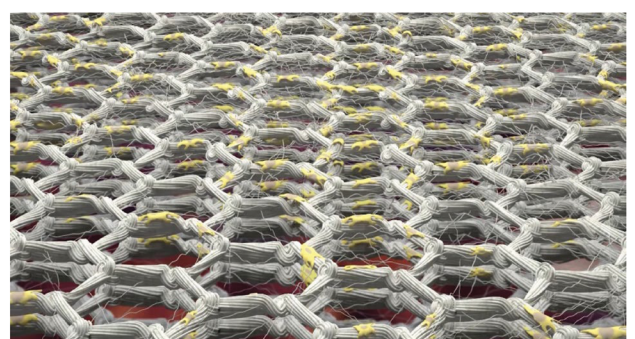
- **Angiogenic Properties**

Aktischicht stimulates the angiogenesis in the wound bed that accelerates the regeneration of the skin, dermal repair and granulation tissue.



- **Facillitates Cell Migration**

The materials and 3D structure of Aktischicht facilitates the cell migration and shortens the wound closing time significantly.



- **Optimizing the Wound Bed PH**

Aktischicht optimizes the wound bed PH, so the enzymes such as elastase, collagenase, etc. will be inactivated, the homeostatic steady state of the wound will be maintained, and entering into the chronic wound phase will be prevented.

BEFORE

AFTER



Male
78 Y
Cardiovascular disease,
Chronic kidney disease
Diabetic wound
3 weeks



Male
57 Y
Cardiovascular disease,
Chronic kidney disease
Diabetic wound
7 weeks



Male
18 Y
Pilonidal sinus
4 weeks



Male
50 Y
Cardiovascular disease,
Diabetic wound
5 weeks



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57072 Siegen, GERMANY



EXCLUSIVE SELLER: ACTA1 GmbH,
Zollikerstrasse 204
CH 8008 Zurich, SWITZERLAND

PACKAGING:



1 Pcs

19 x 14 x 1 cm



5 Pcs

19.5 x 14.5 x 5.5 cm



32 Boxes

(160 Pcs Carton) 40 x 30 x 45 cm