

M.O.I.S.T. concept

An educational model to help healthcare practitioners feel confident in making well-balanced, independent decisions in the topical treatment of wounds, as well as improving the care that their patients receive. It was developed independently by leading wound care researchers and practitioners at Wund-DACH (the umbrella organisation of German-speaking wound healing societies)⁸.

Oxygen balance

It is recognised that oxygen aids the body's metabolic processes, including the complex process of wound healing. Restoring oxygen to the correct level is a critical element to support all phases of healing.

Infection control

Infection is as an ever-present risk and serious potential complication of wounds. It causes patients additional pain and discomfort, can delay wound healing and lead to hospital re-admittance.

Moisture balance

A wound that is too dry or too wet can prevent healing. Therefore it is important moisture balance is adjusted to create an equilibrium of moisture in the wound.

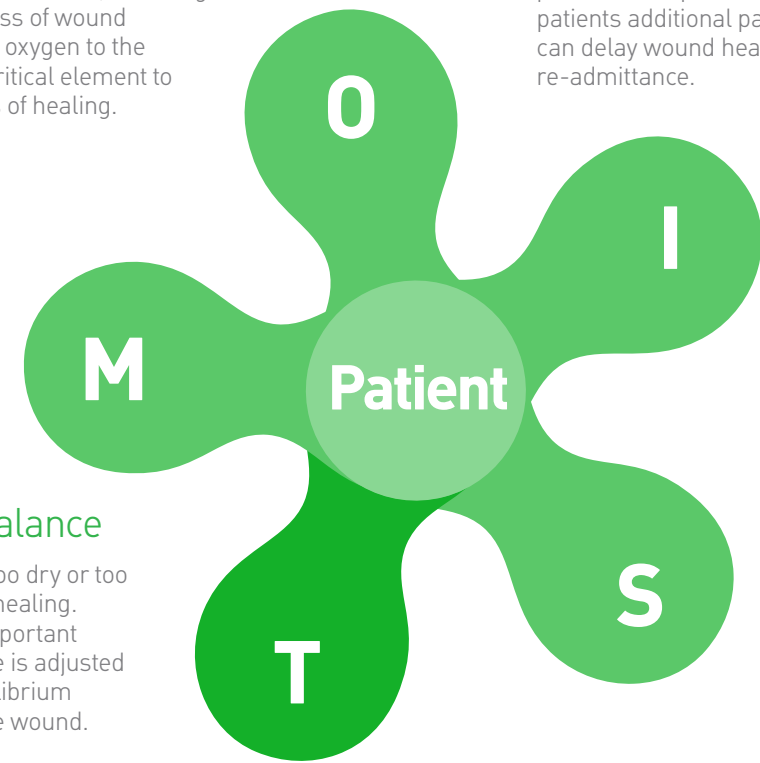
Support the wound bed

When the treatment of problematic wounds do not heal as expected, strategies to rebalance the environment inside the wound bed can get healing back on track.

Tissue management

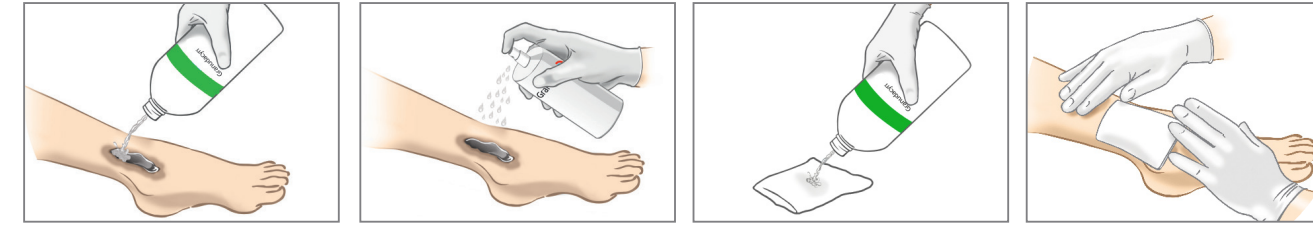
A healthy wound bed is essential to the wound healing process. Cleaning and preparing the wound bed by removing dead cells and tissue can be achieved through different types of debridement.

Granudacyn® is compatible with human cells and can be kept in the wound, while facilitating the mechanical removal of microorganisms and cell debris.



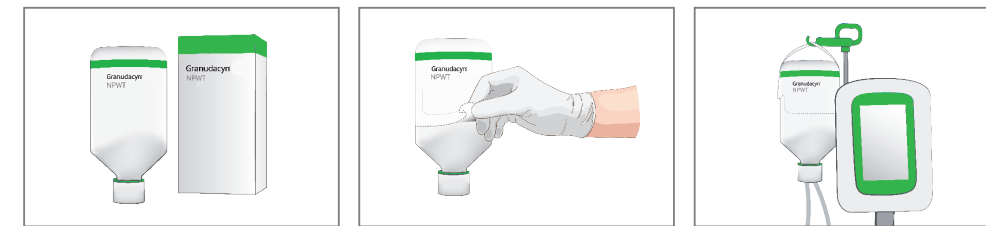
Application

Irrigation solution and spray: for cleaning and for precise application and dosing.



1. Careful wound cleansing with Granudacyn irrigation solution. 2A. Spray from a distance of approx. 15-30cm onto the cleaned wound. 2B. Clean the wound or apply onto the wound with a soaked compress. 3. Suitable to be combined with standard wound dressings.

Granudacyn can be used for instillation with NPWT (negative pressure wound therapy).



1. Take NPWT bottle out of packaging. 2. Release carrying handle from label and pierce bottle. 3. Hang the bottle on carrying handle on the instillation device.

Product Information

	Content	Article code	Shelf life	Pack count
Granudacyn® wound irrigation solution	50ml spray	360150	30 months	20
	250ml spray	360100		15
	500ml	360101		12
	1000ml	360102		6
	500ml NPWT	360103		12
	1000ml NPWT	360104		6
Granudacyn® wound gel	50g	360107	24 months	12
	100g spray	360108		15
	250g spray	360106		15



References:

1. AA, Gutiérrez. The science behind stable, super-oxidized water. . Wounds . 2006 [Suppl.]: 7-10. 2. In-vitro suspension test [EN13727, EN 13624, EN 13704, EN 14476 – phase 2] with Granudacyn wound irrigation solution. 3. Consensus on Wound Antisepsis: Update 2018, Skin Pharmacol Physiol 2018;31:28-58, DOI: 10.1159/000481545. 4. Armstrong DG, Bohn G, Glat P, Kavros SJ, Kirsner R, Snyder R et al. Expert recommendations for the use of Hypochlorous solution: science and clinical application. Ostomy Wound Manage 2015; 61 (5 suppl): 4S-18S. 5. Edwards-Jones V, Flanagan M, and Wolcott R. Technological advancements in the fight against antimicrobial resistance. Wounds Int 2015;6(2):47-51. R D Wolcott, J Fletcher, Role of wound cleansing in the management of wounds, Wounds Middle East, Vol (1) 2014. 6. Method Ph.Eur. 2.2.35, test conducted by BIOSERV Analytik- und Medizinprodukte GmbH, Rostock, Germany. 7. Sakarya S, Gunay N, Karakulak M, Osturk B, Ertugrul B. Hypochlorous acid: an ideal wound care agent with powerful microbicidal, antibiofilm, and wound healing potency. .Wounds. . 2014;26(12):342-350.31. 8. Dissemond, J, et al. M.O.I.S.T. – a concept for the topical treatment of chronic wounds. Journal of the German Society of Dermatology. 2017.

Find out more at www.molnlycke.com

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Cleaning wounds. Supporting healing.



Granudacyn®

Tough on pathogens. Compatible with human cells.



A new look at wound cleansing

In managing wounds it remains a common practice to either use soap and water or stronger solutions. The problem is that soap and water are ineffective against some pathogens whereas many stronger solutions potentially disturb the healing process, and potentially damage human cells.

Granudacyn® is your go-to wound cleanser – tough on pathogens, compatible with human cells.

DID YOU KNOW...

...that wound cleansers support wound healing by removing local barriers and reducing the risk of infection?

One solution. Many wounds.

Granudacyn® is an irrigation solution, safely preserved by hypochlorous acid (HOCl). It is used for cleansing and moisturising chronic, acute, surgical and contaminated wounds as well as for first- and second-degree burns. **It can also be applied on sensitive tissues such as cartilage, tendons, ligaments and bones¹, or in the ear, mouth, peritoneum and fistulas.** This makes it a go-to wound cleanser for most wound care.

✓ Effective on all types of wounds

Granudacyn® can be used on all chronic wounds, including diabetic foot ulcers, pressure ulcers and venous leg ulcers. Additionally, it can be used on acute and contaminated wounds as well as first and second degree burns.

✓ Proven safety and efficacy

Several tests show the efficacy, biocompatibility and proven safety of Granudacyn®.

Effective preservation against Gram +/- bacteria, viruses, fungi and spores²



✓ Reduces malodor

HOCl quickly reduces wound malodor^{3,4} that is often associated with necrotic tissue or bacterial colonization in the wound bed.

✓ Better care, better quality of life

Tackling infection while not interrupting the natural healing process is important for patient wellbeing and supports healing.

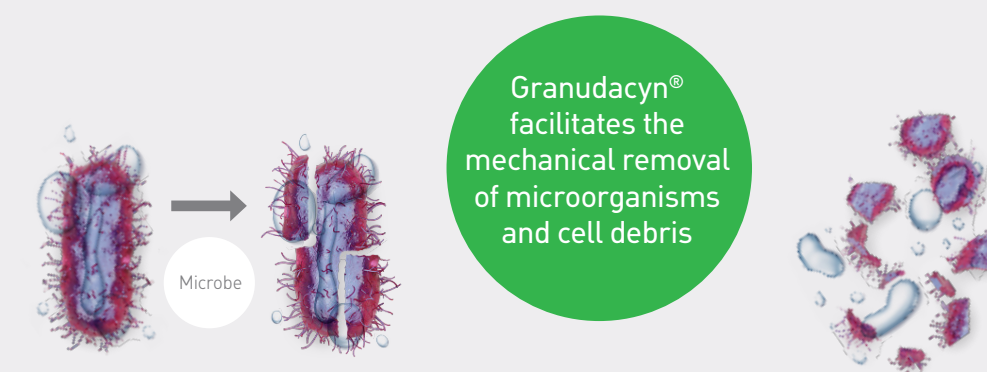
✓ Long storage. Always at hand.

Granudacyn® can be stored at room temperature after opening for multi-patient use up to 90 days (gel) and 60 days (solution).

Natural as the immune system

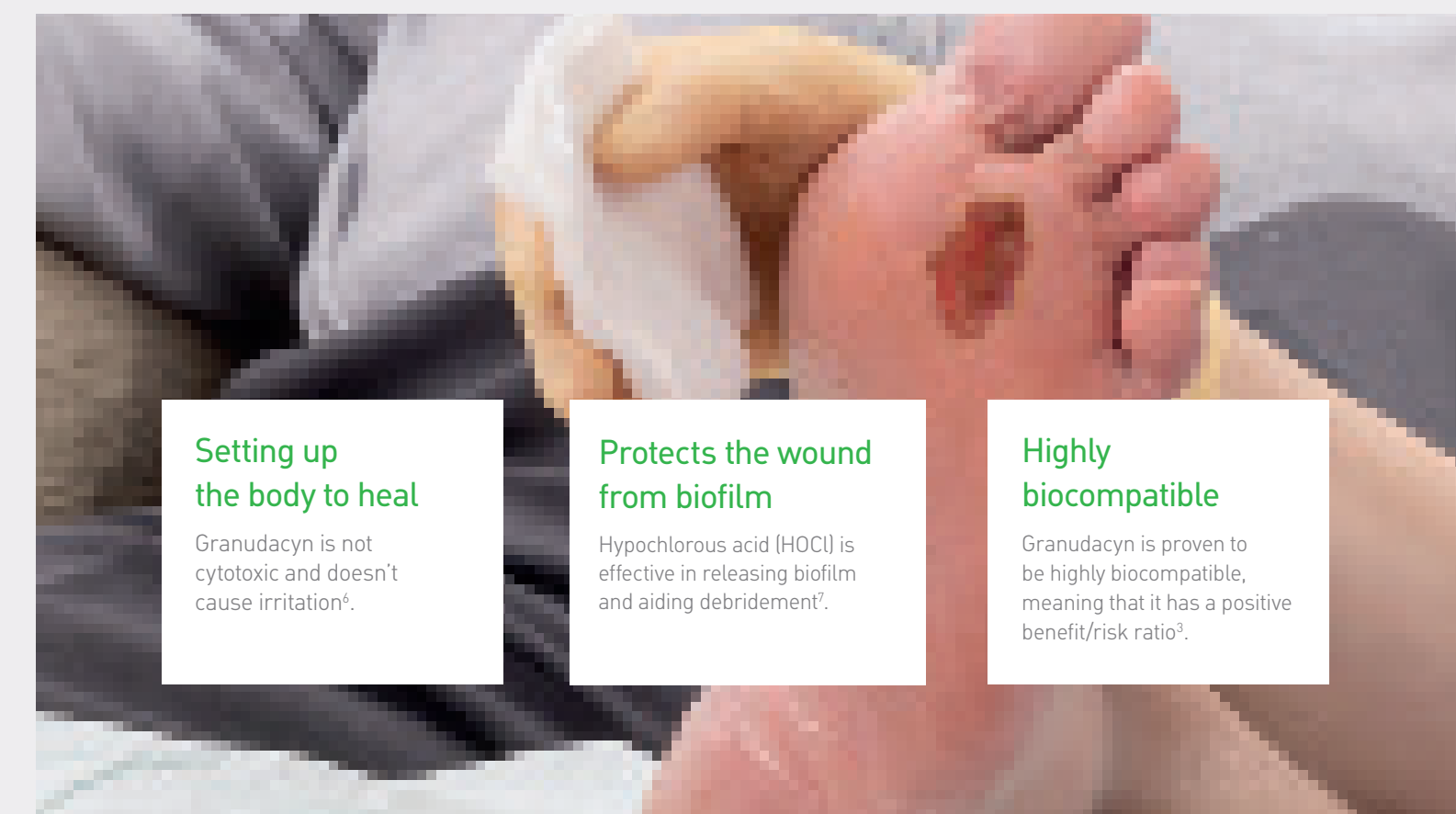
How it works

Apply Granudacyn® to the wound bed before cleaning the wound. The solution does not require neutralisation or rinsing, and can be used for moistening the wound dressing and moisturising the wound itself.



1. Disrupts the cell wall structures.
The hypochlorous acid in Granudacyn® increases the permeability of the cell wall of the microorganism⁵.

2. Osmolysis leads to cell rupture.
A hypotonic solution causes water to flow into the cells to equalise the osmotic gradient. The result is osmolytic cell rupture: the increasing internal pressure causes the cells to burst.



Setting up the body to heal

Granudacyn is not cytotoxic and doesn't cause irritation⁶.

Protects the wound from biofilm

Hypochlorous acid (HOCl) is effective in releasing biofilm and aiding debridement⁶.

Highly biocompatible

Granudacyn is proven to be highly biocompatible, meaning that it has a positive benefit/risk ratio³.