

# HydroTherapy

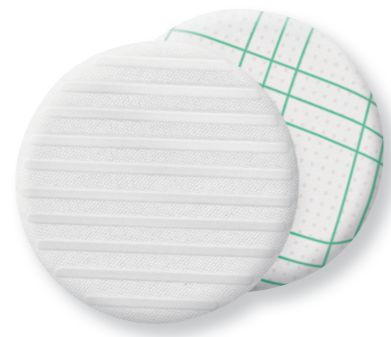
## Effective and simple.

HydroTherapy is the convincing treatment concept especially for the treatment of chronic and poorly healing wounds. It consists of only two wound dressings which are used one after the other during the healing process: HydroClean plus and HydroTac. Thanks to their special gel technology, both products actively contribute to the healing process and thereby add dynamics to the wound.

### The entire wound-healing process in two steps:

#### First step: HydroClean® plus

- Rinse
- Absorb
- Cleanse
- Activate



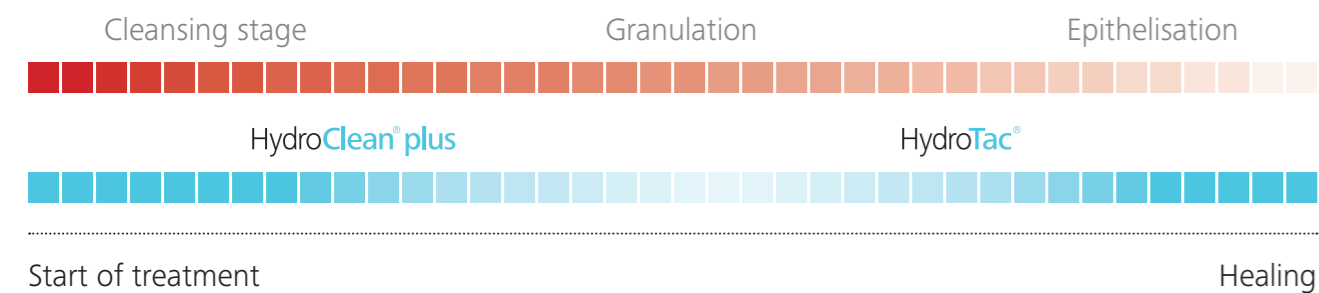
Indications:  
Cleansing and granulation stage.

#### Second step: HydroTac®

- Keep moist
- Absorb
- Promote
- Protect



Indications:  
Granulation and epithelisation stage.



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Products	Size	REF	CONTENT
HydroClean® plus	ø 4 cm	609 590	Box of 10
	ø 5.5 cm	609 591	Box of 10
	7.5 x 7.5 cm	609 593	Box of 10
	10 x 10 cm	609 594	Box of 10
HydroClean® plus cavity	ø 4 cm	609 550	Box of 10
	7.5 x 7.5 cm	609 553	Box of 10
HydroClean®	ø 4 cm	609 303	Box of 10
	ø 5.5 cm	609 304	Box of 10
	Oval 4 x 7 cm	609 305	Box of 10
	7.5 x 7.5 cm	609 306	Box of 10
	10 x 10 cm	609 307	Box of 10
HydroTac®	ø 6 cm	685 849	Box of 10
	10 x 10 cm	685 831	Box of 3
	10 x 10 cm	685 832	Box of 10
	10 x 20 cm	685 833	Box of 3
	15 x 15 cm	685 839	Box of 3
	20 x 20 cm	685 844	Box of 3
HydroTac® Comfort	8 x 8 cm	685 810	Box of 10
	12.5 x 12.5 cm	685 815	Box of 10
	15 x 15 cm	685 817	Box of 3

HydroTherapy  
Efficacy. And Simplicity.



# HydroClean® plus

## Treatment starts with this.

More than  
twice as  
effective!



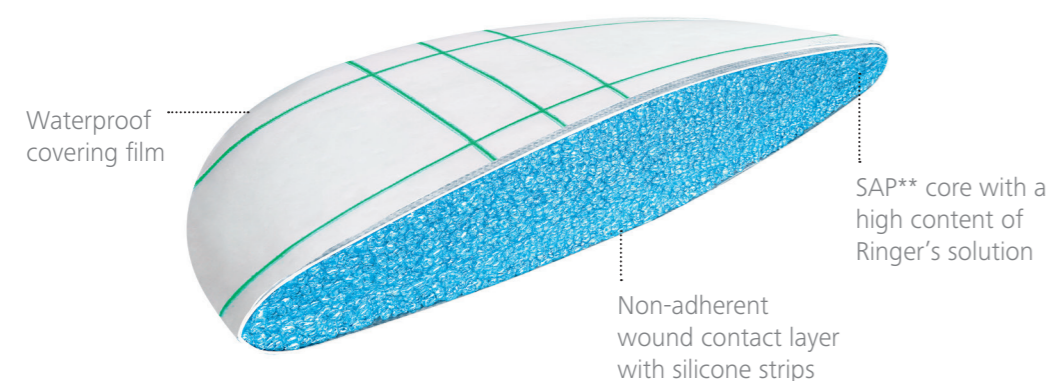
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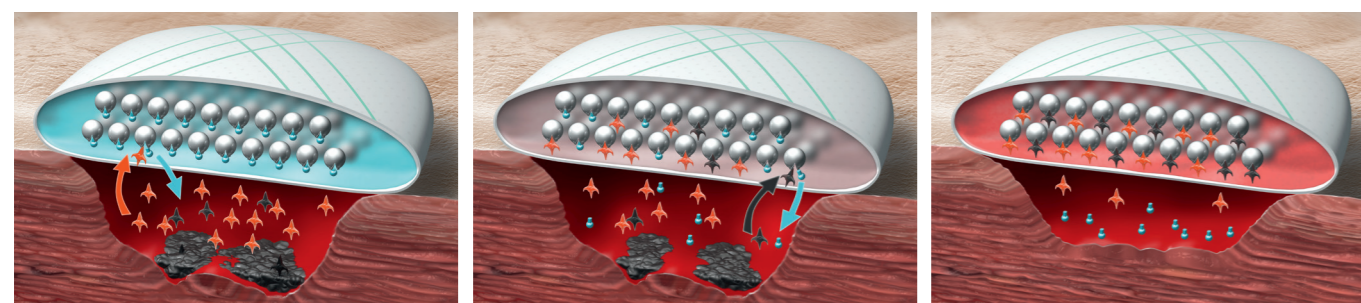
# HydroClean® plus Cleanses and activates.

Necroses and coatings are known for providing bacteria with protection against the patient's own immune defence system. Bacteria can thus proliferate and spread unhindered so that infections can occur or become aggravated. But even if no infection occurs, the bacteria continuously release toxins that can cause or intensify an inflammatory reaction. In both cases, the result is delayed or even interrupted wound healing.

HydroClean plus helps to prevent this: due to its special absorbing and rinsing mechanism, necroses and coatings as well as the germs they contain are removed from the wound and firmly bound in the wound-dressing pad. In the interior of the wound-dressing pad, the bacteria are killed by the antiseptic PHMB\* bound there.



## Unique absorbing and rinsing mechanism:



Continuous release of Ringer's solution.

Absorption of necroses, fibrin, bacteria and exudate.

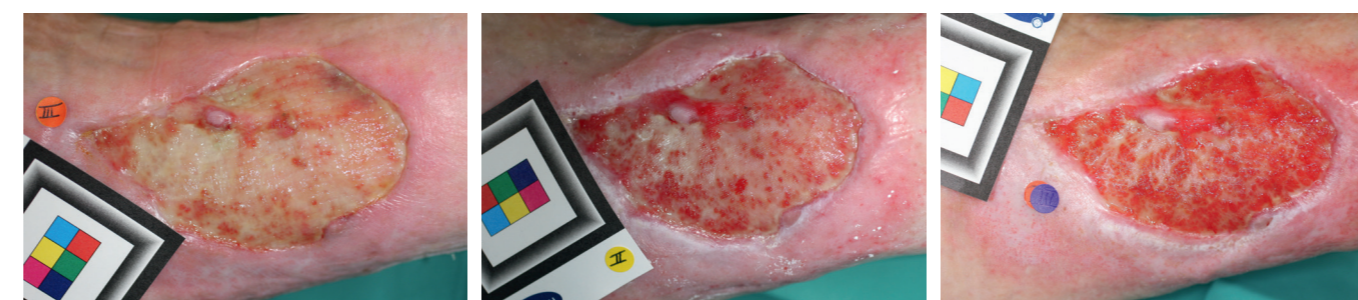
Optimal wound environment for starting and facilitating the healing process.

\* PHMB = polyhexanide = polyhexamethylene biguanide  
\*\* SAP = super-absorbent polymer = polyacrylate

# HydroClean® plus Exemplary and convincing.

In a study conducted in France, 52 patients with an average age of 74 years completed a 14-day treatment with either the polyacrylate-based hydrogel (HydroClean) or with an amorphous hydrogel. By day 14, 61% of the wounds treated with HydroClean exhibited a 50% reduction in fibrin coatings and necrotic tissue. In the case of the wounds treated with the amorphous hydrogel, there was only a reduction of 25%.

## The case example:



**Day 0:** The wound is almost entirely covered with fibrin coatings.

**Day 7:** The fibrin coatings have already been considerably reduced by HydroClean and granulation tissue has formed.

**Day 15:** The fibrin coatings have been fully removed with HydroClean, and the wound consists mainly of granulation tissue.

## The evaluation:

The study proves for the first time the superiority of polyacrylate-based HydroClean over a comparable treatment option, such as amorphous gel, in the cleansing stage of venous leg ulcers.

## The result:

The wounds of patients treated with HydroClean were more than twice as effectively cleared of fibrin and necroses than wounds treated with amorphous hydrogel.

# HydroClean® plus Proven and superior.

A two-arm, multi-centre, randomised, prospective study in French hospitals, clinics and private practices proves for the first time the superiority of polyacrylate-based HydroClean over a comparable treatment option, such as amorphous gel, in the cleansing stage of venous ulcers.

## The comparison with amorphous hydrogels:

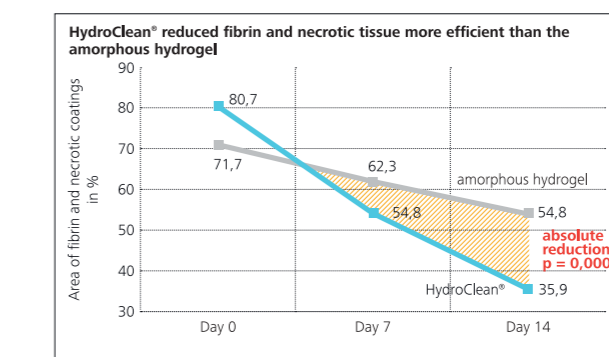


Figure 1: Absolute reduction of the proportion of fibrin and necrotic tissue over time.

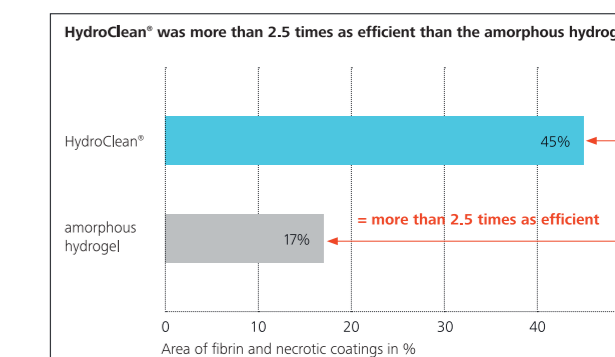


Figure 2: Absolute reduction of the proportion of fibrin and necrotic tissue from inclusion at Day 0 to Day 14.

## Convincing results:

The results show that HydroClean was at least 2.5 times more effective in reducing the proportion of fibrin and necrotic tissue than the amorphous hydrogel.

## Clear benefits:

- Heals chronic wounds through its inflammation-inhibiting effect
- Greater reliability and protection against infection through binding bacteria
- Considerable shortening of the critical stage through active wound cleansing
- Greater cost-efficiency through shorter treatments