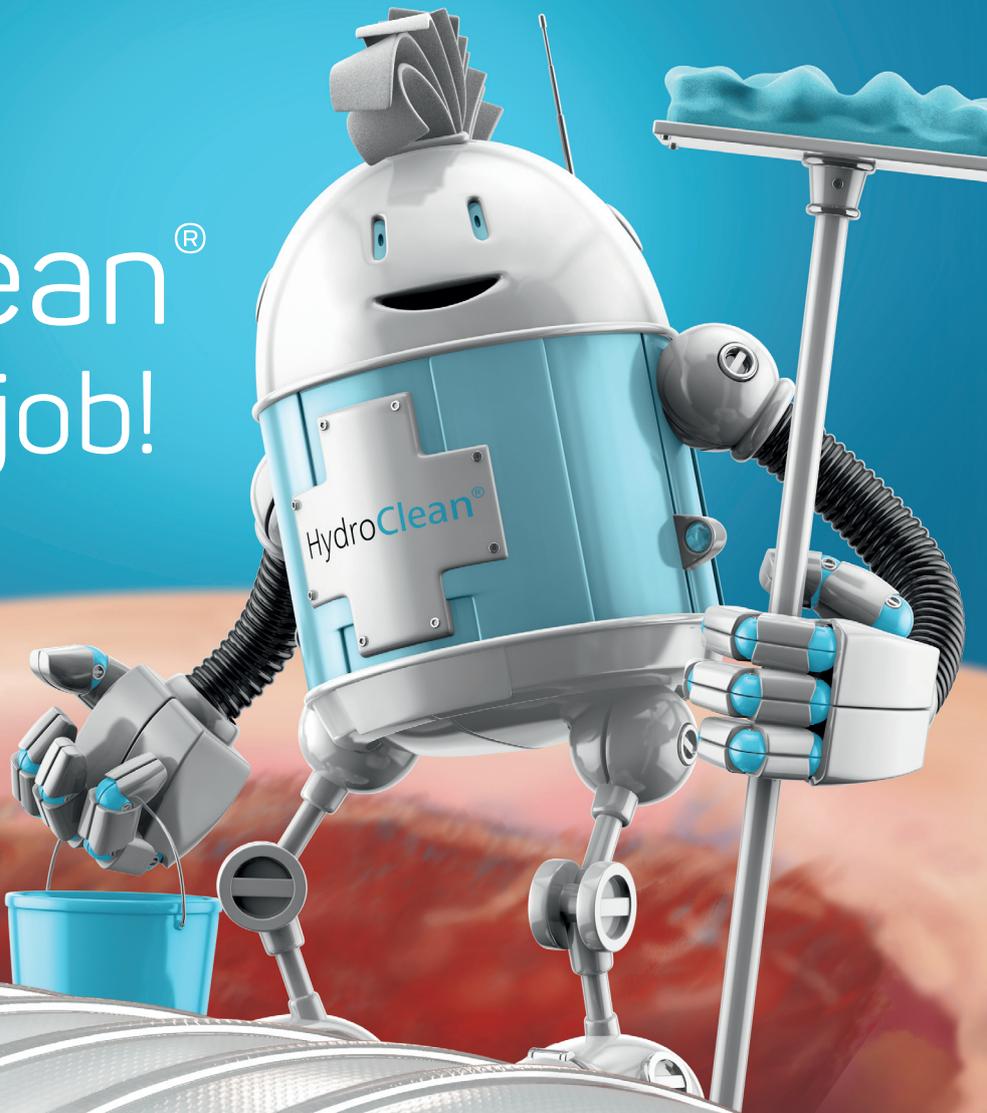


HARTMANN



Let
HydroClean[®]
do the job!



Debridement
and infection
management

Your daily challenge: debridement and infection control

For acute wounds



Traumatic wound located on foot



Open elbow wound

For infected wounds



Infected wound located on the back of hand



Infected pressure ulcer in the sacral region

For chronic wounds



Venous leg ulcer



Diabetic foot

What international wound specialists recommend for infection management¹⁴

Non Medicated Wound Dressings – NMWD – like HydroClean®



- Contribute to wound infection management through **physical mechanisms** of action
- **Do not contain** any active antibacterial agent – Ringer's solution only
- **Major contribution to wound** bed preparation¹⁴

For cleansing and debridement. Supports granulation phase.



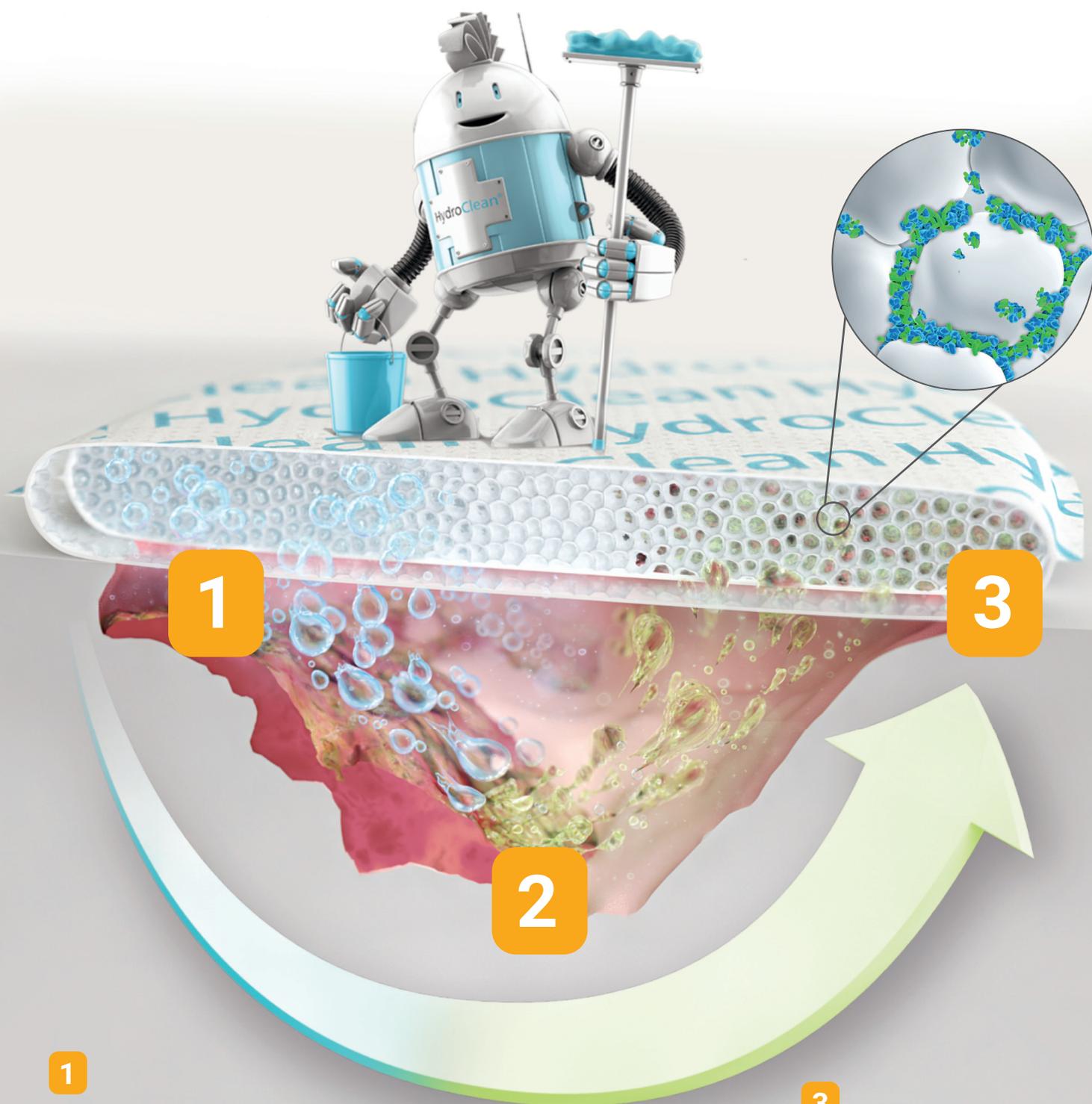
Results for high efficacy¹⁹

Reduction of necrosis in less than a month



Easy to use¹⁷
Wide range of products

How HydroClean®'s unique Rinsing-Absorption mechanism works



1

HydroClean® continuously **releases Ringer's solution** facilitating autolysis of necrosis

2

HydroClean® **removes fibrin and necrotic tissue** within which bacteria may reside, absorbs wound exudate¹⁴

3

Bacteria and debris-laden are **locked-in** irreversibly **inside the dressing core**

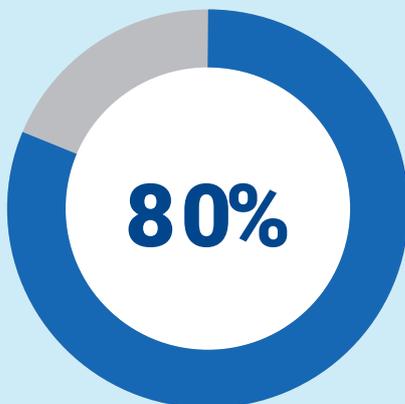
HydroClean® – wound bed preparation without additional pain¹⁻⁶

HydroClean® – automatic

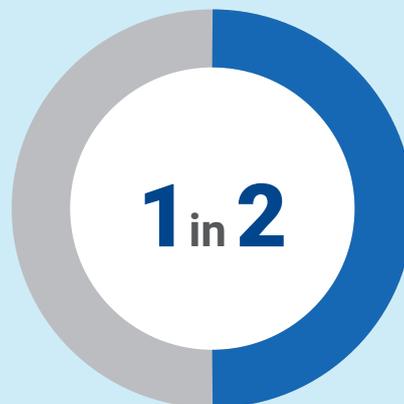
“rinsing-and-absorption in one”^{2,4,7-10}

- Supports **autolytic debridement**
- Reduces bacterial load and biofilm^{4,11-14}
- **Supports the granulation** by inactivating excess of MMP (matrix metallo-proteases)¹⁰
- **Easy to remove:** does not adhere to the wound¹²
- Dressing can stay on the wound **for up to 3 days** (depending on wound condition)

HydroClean®
highly
recommended by
caregivers¹⁵



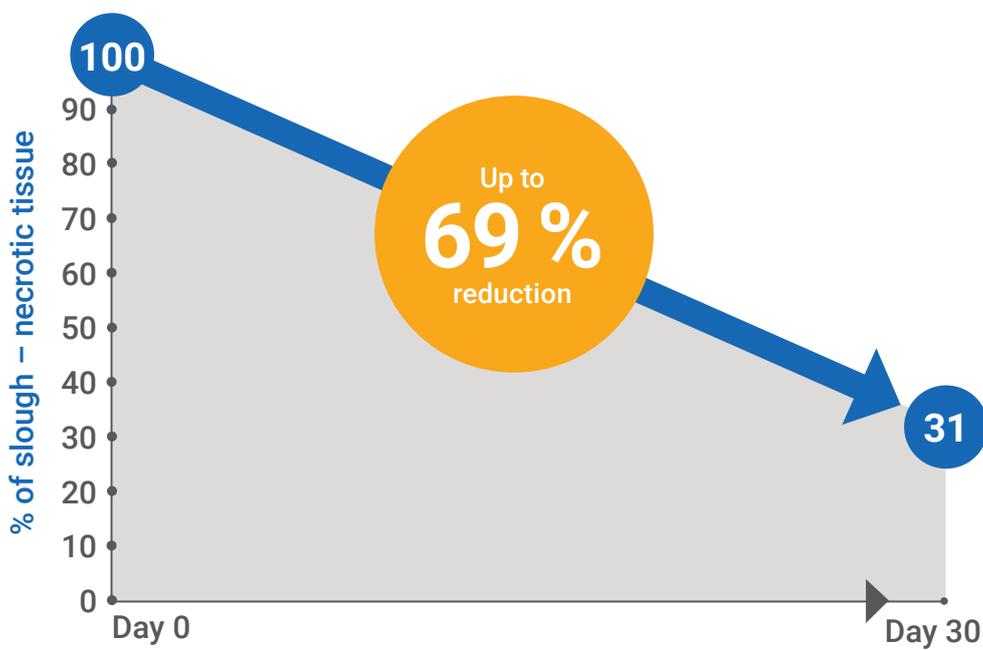
would **use it even more frequently**¹⁵



- stated it helps **cleansing without pain**¹⁵
- prefer it as a **replacement for other wound treatments**¹⁵

HydroClean® - proven efficacy in daily practice

Removal of devitalised tissue (necrosis and slough) in less than a month¹⁹



METHOD:

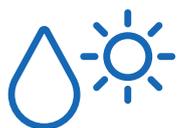
Non-comparative evaluation of acute and chronic wounds that required debridement as part of their normal treatment regimen.

BEFORE TREATMENT:

The level of necrosis/slough in the wound bed was significant with a mean overall coverage of devitalised tissue of 85.5%.

After treatment with HydroClean®:⁷

The level of devitalised tissue (necrosis and slough) decreased in less than a month to a mean overall coverage of 26.3% – a relative reduction of nearly 69% overall, with many wounds achieving total removal of devitalised tissue.



Suitable to treat **dry** as well as **exuding wounds**



Dressing changes **do not cause additional pain or skin irritation** in most of the cases^{5,6}



Absorption of **exudate**

HydroClean® supports you as a caregiver

HydroClean® - easy handling¹⁷ and fixation

Handling



Easy to apply and remove because it is thin and light. The dressing can stay on the wound for up to 3 days (depending on wound condition)



Flexible and fits perfectly to round body parts



Always place with the label on top

Fixation



Secondary dressings are not always required. Heavily exuding wounds may be covered with Zetuvit® Plus in order to absorb exudate in excess



HydroClean® can be optionally fixed with a film dressing (Hydrofilm®)

HydroClean® case study

HydroClean® in a pressure ulcer¹⁸



DAY
0



DAY
21

PATIENT

- Female, 82 years old
- Bedridden
- Clinical history of diabetes and dementia
- 2 initially unstageable pressure ulcers in the sacral area

TREATMENT

- Previously treated without improvement: sharp debridement and Sulfasil (1% silver sulfadiazine cream) for 2 weeks with limited progress (larger stage 4 ulcer)
- New treatment: 21 days HydroClean® mini for the smaller and HydroClean® for the bigger wound

OUTCOME

HydroClean® helped to **manage exudate effectively**. The wound **dressings did not adhere** to the wound bed, the peri-wound **skin improved visibly**. **Clear debridement** with a **reduction of slough (sloughy tissue) from about 80% to 30%** and a decrease in inflammation. A healthy and moist wound bed and **new epithelial tissue gradually** appeared. The **wound size decreased** from 8 cm x 10 cm x 2 cm to 5.5 cm x 7 cm x 1.5 cm.

A size for every wound

Product	Size (cm)	Pack Size	Unit Size	Hartmann Code
HydroClean®	4 cm round	10 pcs	6	6092201
	4 x 8 cm oval	10 pcs	6	6092221
	5.5 cm round	10 pcs	6	6092241
	7.5 x 7.5 cm	10 pcs	6	6092261
	10 x 10 cm	10 pcs	6	6092281
HydroClean® Cavity	4 cm round	10 pcs	6	6090021
	5.5 cm round	10 pcs	6	6090061
	7.5 x 7.5 cm	10 pcs	6	6090081

HydroClean®

With silicone strips
on the wound side



ø 4 cm



ø 5.5 cm



Oval 4 x 8 cm



7.5 x 7.5 cm



10 x 10 cm



HydroClean®
products must
not be cut

HydroClean®

With 2 equal sides without silicone for
gentle coverage of entire wound surface

Cavity



ø 4 cm



ø 5.5 cm



7.5 x 7.5 cm

