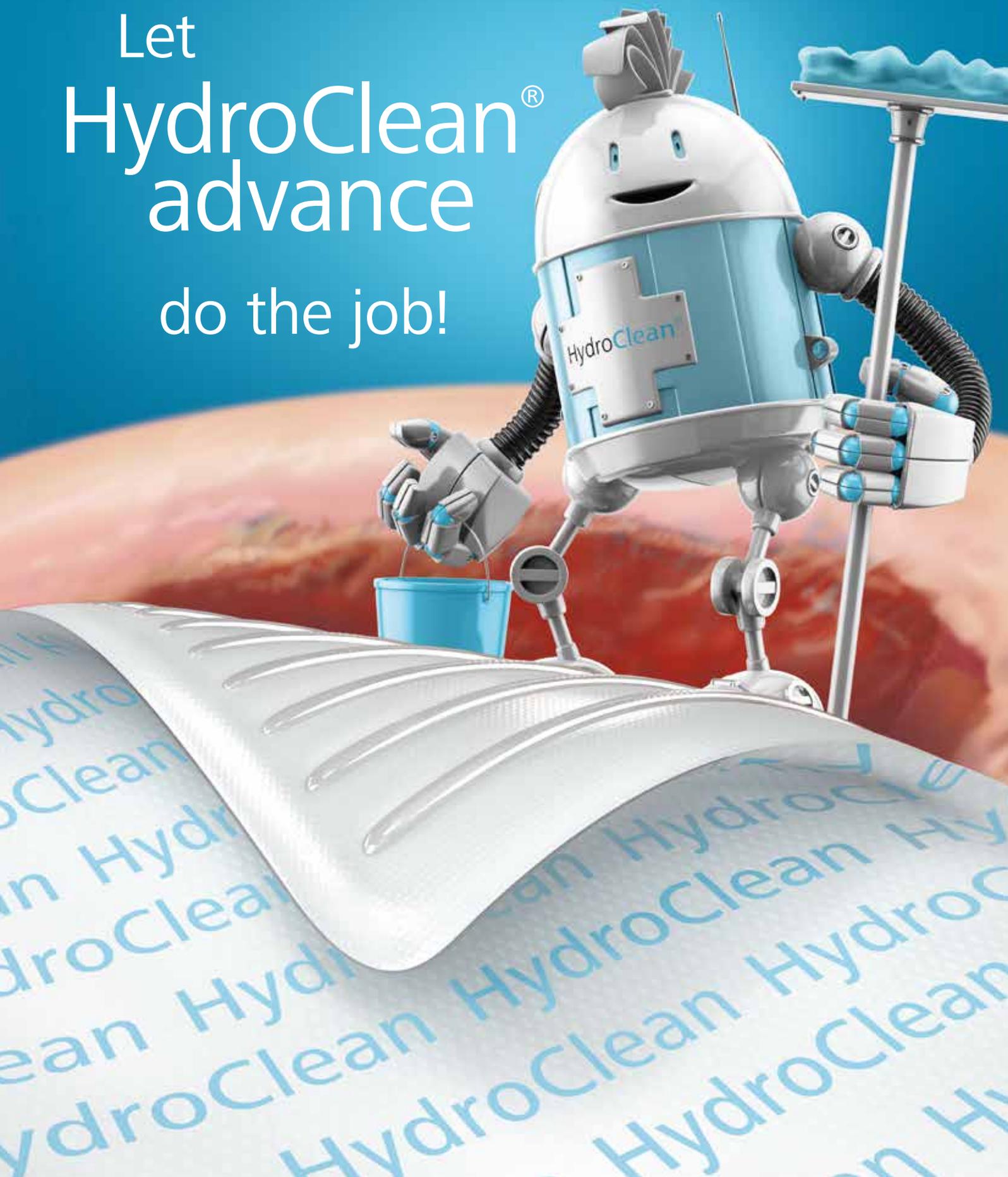


Debridement and  
infection management

HARTMANN



Let  
HydroClean<sup>®</sup>  
advance  
do the job!



# 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 management<sup>14</sup>

## Non Medicated Wound Dressings – NMWD – like HydroClean<sup>®</sup> advance



- 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 preparation<sup>14</sup>

*For cleansing and debridement.  
Supports granulation phase.*



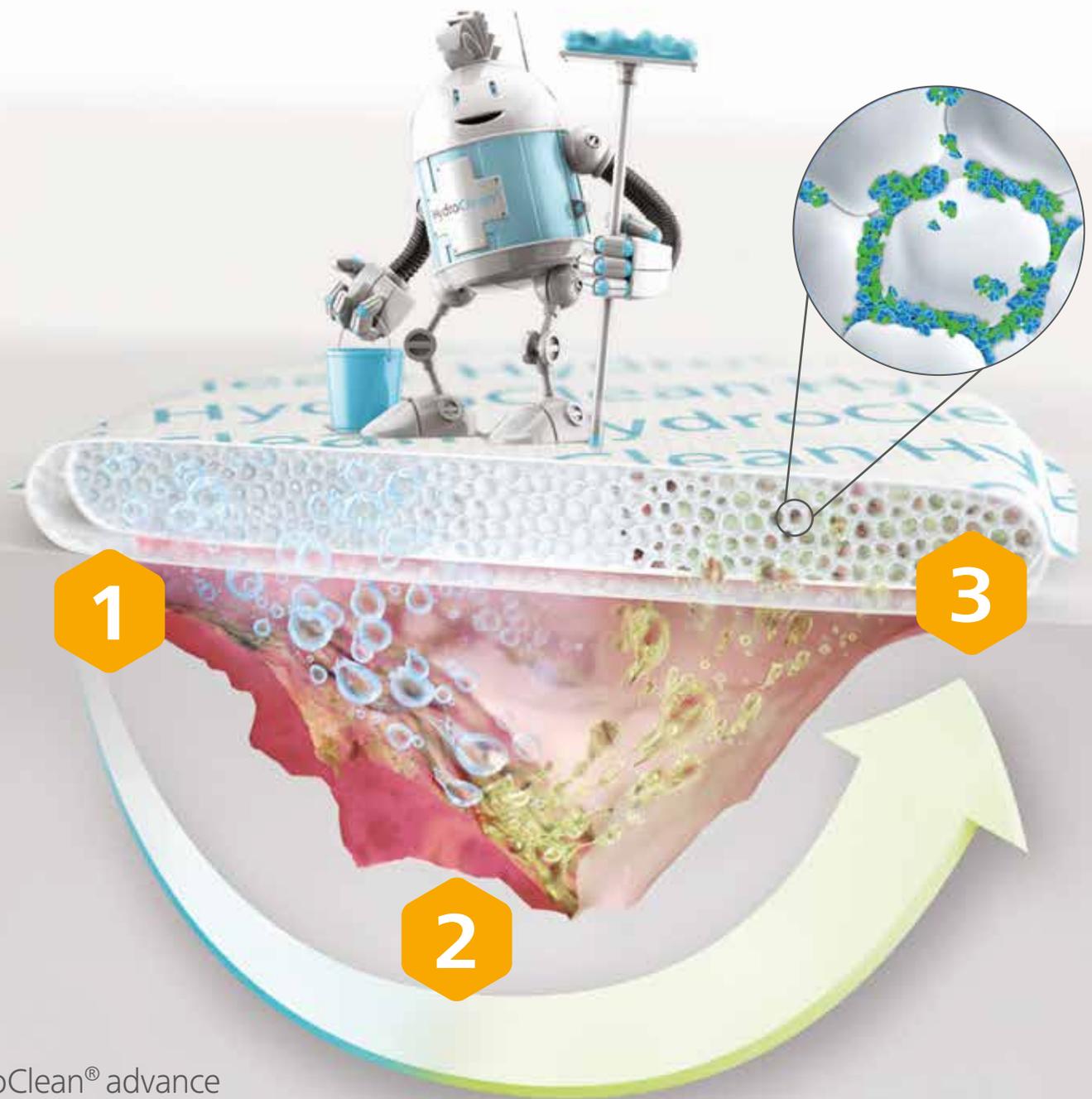
### Results for high efficacy<sup>19</sup>

Reduction of necrosis in less than a month



**Easy to use<sup>17</sup>**  
Wide range of products

# How HydroClean<sup>®</sup> advance's unique Rinsing-Absorption mechanism works



**1** HydroClean<sup>®</sup> advance continuously **releases Ringer's solution** facilitating autolysis of necrosis

**2** HydroClean<sup>®</sup> advance **removes fibrin and necrotic tissue** within which bacteria may reside, absorbs wound exudate<sup>14</sup>

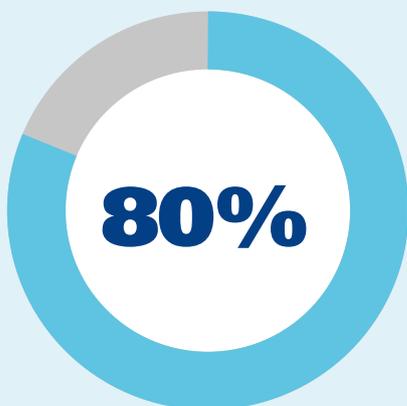
**3** Bacteria and debris-laden are **locked-in** irreversibly **inside the dressing core**

# HydroClean® advance – wound bed preparation without additional pain<sup>1-7</sup>

## HydroClean® advance – automatic “rinsing-and-absorption in one”<sup>2,4,7-10</sup>

- Supports **autolytic debridement**
- Reduces bacterial load and biofilm<sup>4,11-14</sup>
- **Supports the granulation** by inactivating excess of MMP (matrix metallo-proteases)<sup>10</sup>
- **Easy to remove:** does not adhere to the wound<sup>12</sup>
- Dressing can stay on the wound **for up to 3 days** (depending on wound condition)

HydroClean® advance – highly recommended by caregivers<sup>15</sup>



would **use it even more frequently**<sup>15</sup>

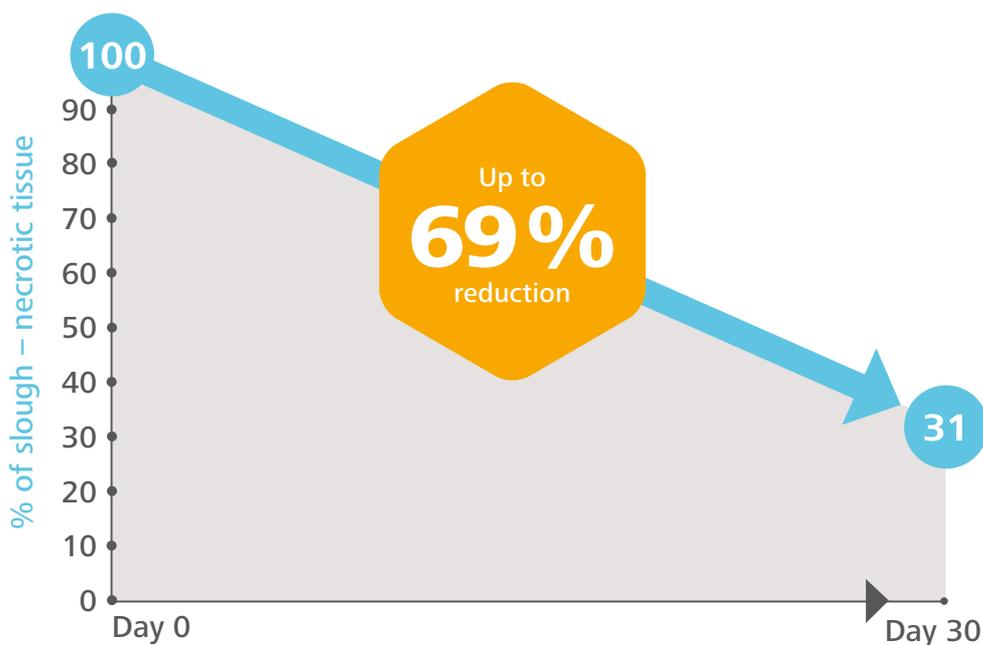


- stated it helps **cleansing without pain**<sup>15</sup>
- prefer it as a **replacement for other wound treatments**<sup>15</sup>

# HydroClean® advance

- proven efficacy in daily practice

## Removal of devitalised tissue (necrosis and slough) in less than a month<sup>19</sup>



### METHOD:

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

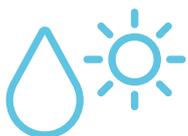
### BEFORE TREATMENT:

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® advance:<sup>7</sup>

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.

HydroClean® advance  
– supports you as a caregiver



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



Dressing changes **do not cause additional pain or skin irritation** in most of the cases<sup>1,5,6</sup>



Absorption of **exudate**

# HydroClean® advance

- easy handling<sup>17</sup> 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® advance can be optionally fixed with a film dressing (Hydrofilm®)

# HydroClean® advance case study

## HydroClean® advance in a pressure ulcer<sup>18</sup>



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® advance mini for the smaller and HydroClean® advance for the bigger wound

### OUTCOME

HydroClean® advance mini and HydroClean® advance 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	PIP Code
HydroClean® advance	4 cm round	10 pcs	6	609 662	401 1540
	4 x 8 cm oval	10 pcs	6	609 664	418 6441
	5.5 cm round	10 pcs	6	609 666	401 1557
	7.5 x 7.5 cm	10 pcs	6	609 668	401 1565
	10 x 10 cm	10 pcs	6	609 672	401 1573
	8 x 14 cm oval	10 pcs	6	609 674	418 6433
	10 x 17 cm	10 pcs	6	609 676	418 6425
HydroClean® advance Cavity	4 cm round	10 pcs	6	609 162	401 1581
	4 x 8 cm oval	10 pcs	6	609 164	418 6417
	5.5 cm round	10 pcs	6	609 166	418 6409
	7.5 x 7.5 cm	10 pcs	6	609 168	401 1599
	10 x 10 cm	10 pcs	6	609 172	418 6391
HydroClean® advance mini	3 cm round	10 pcs	6	609 609	401 5581

## HydroClean® advance

With silicone strips on the wound side



## HydroClean® advance Cavity

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



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## Wound Management

Ask about our wider portfolio

Right Product | Right Wound | Right Time



Zetuvit® Plus  
Silicone



Zetuvit® Plus  
Silicone Border



Atrauman®  
Silicone