



# pure&clean

## WOUND CLEANSER

Promotes healing without damaging new healthy tissue growth.

Pure&Clean is a non-toxic, neutral-pH, electrolyzed solution containing naturally forming hypochlorous acid which is FDA cleared for cleaning, debriding and moistening acute and chronic wounds of all kinds.

Pure&Clean Wound Cleanser Rx is intended to be used for cleaning and removal of foreign material including debris and microorganisms from wounds, is used to moisten absorbent wound dressings and for management of 1st and 2nd degree burns, minor cuts, superficial abrasions of the skin, pressure ulcers stage I-IV, stasis ulcers, diabetic foot ulcers, skin graft and donor sites, and chronic dermal lesions – all can be cleaned, debrided and moistened with Pure&Clean Wound Cleanser

## Microorganism Efficacy Test

Test Substance Efficacy Results: These are the results of how the product performed against each test microorganism		
MICROORGANISM	TIME POINT	% REDUCTION
<i>Acinetobacter baumannii</i> ATCC 19606	15 seconds	100%
<i>Enterococcus faecalis</i> (VRE) ATCC 51299	15 seconds	100%
<i>Listeria monocytogens</i> ATCC 15313	60 seconds	>99.96%
<i>Propionibacterium</i> <i>Acnes</i> ATCC 6919	60 seconds	>99.99%
<i>Candida albicans</i> ATCC 10231	60 seconds	>99.9999%
<i>Proteus mirabilis</i> ATCC7002	15 seconds	>99.999%
<i>Serratia marscesens</i> ATCC 14756)	15 seconds	>99.999%
<i>Staphylococcus aureus</i> (MRSA) ATCC 33592	15 seconds	>99.999%
<i>E. Coli</i> ATCC 8739	60 seconds	>99.999%
<i>Pseudomonas aeruginosa</i> ATCC 9027	60 seconds	>99.999%
<i>S. aureus</i> ATCC 6538	60 seconds	>99.999%
<i>A brasiliensis</i> ATCC 16404	60 seconds	>99.999%

All microorganisms were killed in the 15 second contact time. 15 seconds was the quickest time to put neutralizing agents on test cultures.

Reduction in microbial growth in solution has not been shown to correlate with a reduction of infection in patients. No clinical studies have been performed to evaluate reduction of infection.

## Multi-use Wound Cleanser

### Wound Cleansing

- Spray directly on the wound and peri-wound area to cleanse, moisten and debride – do not wipe or rinse wound

### Wound Dressing

- Saturate dressing with Pure & Clean, DO NOT saturate when using with silver dressings, bandages, etc

### Dressing Removal

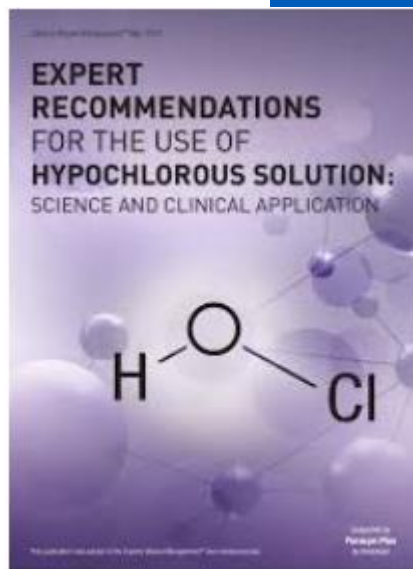
- Spray Pure & Clean on adhesive and skin before and through dressing removal to facilitate removal of adherent dressing and prevent MARS (Medical Adhesive Related Skin Injury)

### Incision Care

- Spray Pure & Clean onto the area prior to closure of the dermis
- Spray again after closure of dermis and prior to applying bandage; continue to apply Pure & Clean until incision point is completely healed – up to 3 times each

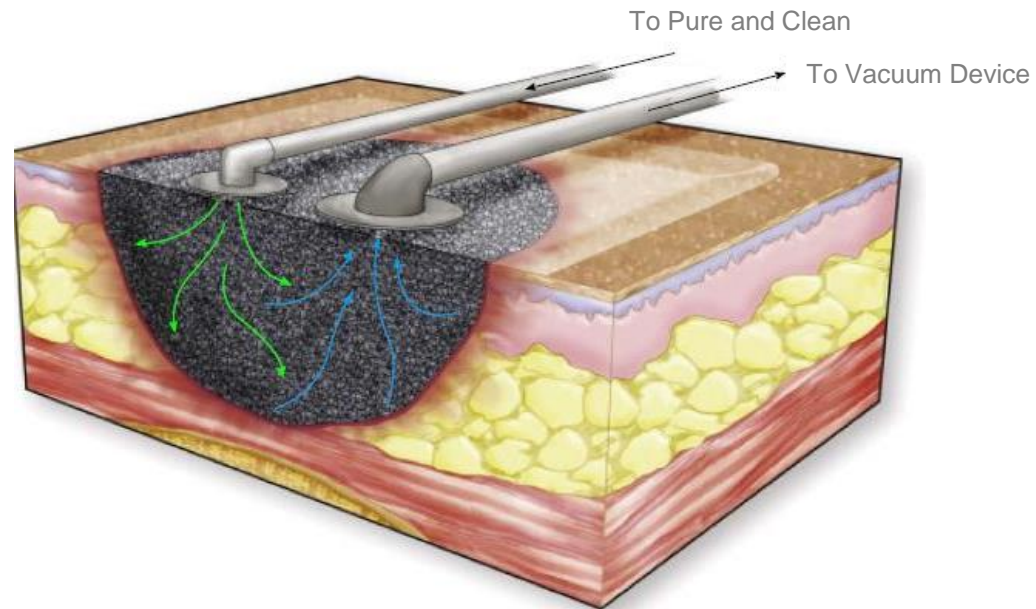
### Regular Use

- To promote healing use Pure & Clean often
- Use Pure & Clean during each dressing change
- Pure & Clean products are safe and effective; for open air wounds apply 3-5 times daily.



# NPWT

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## Instillation vacuum-assisted closure

Pure and Clean Wound Cleanser is instilled into the wound through a port on the connecting tube to enhance wound healing.

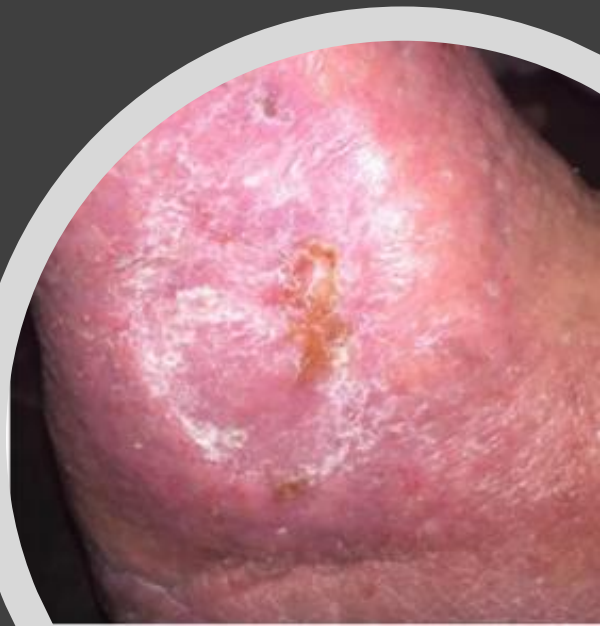
World J Dermatol. Feb 2, 2017; 6(1): 1-16



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# Pyoderma Gangrenosm

9-28-2017



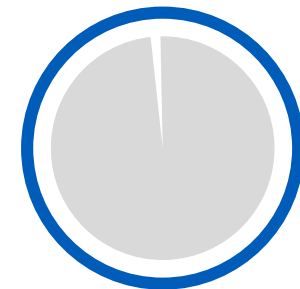
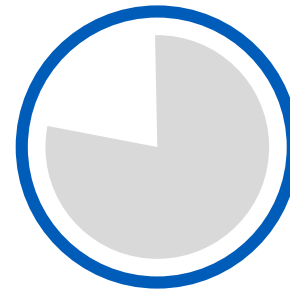
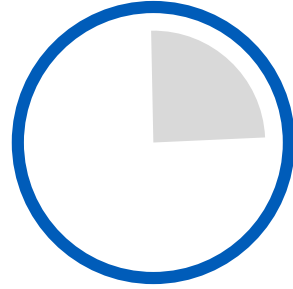
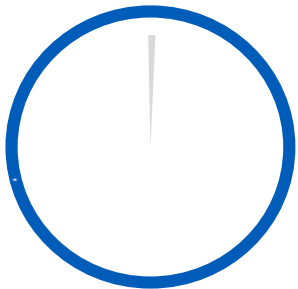
11-18-2017



1-8-2018



3-5-2018



159  
Days

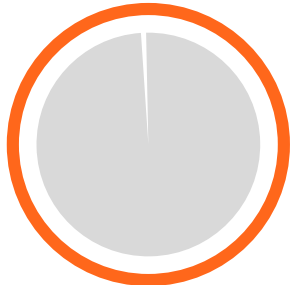
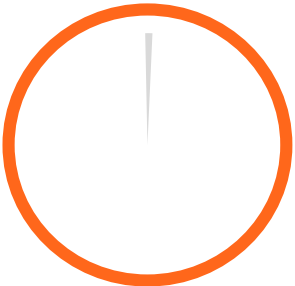
Neuropathic Ulcer

Post-Op Clavicle Surgery

12-16-2017

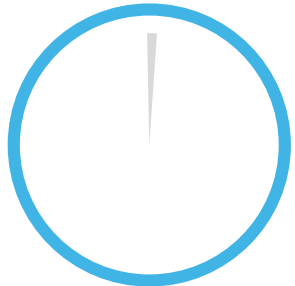


1-26-2018

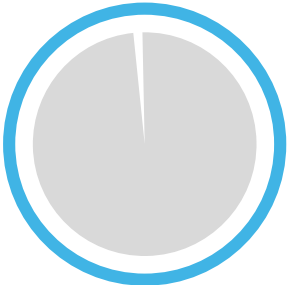


42  
Days

1-25-2018



2-21-2018



28  
Days

Lower Leg Blister

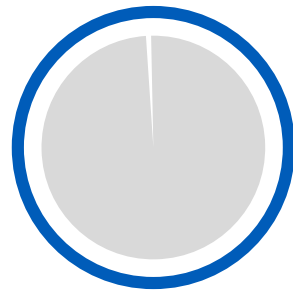
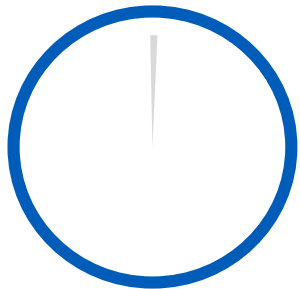
Lower Venous Leg Ulcer

2-1-2018

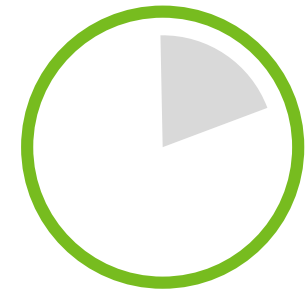
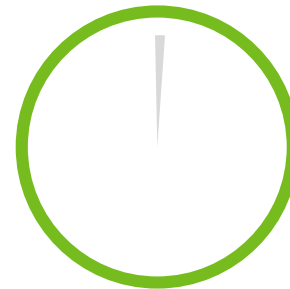
2-6-2018

2-8-2018

2-14-2018



5  
Days



6  
Days