

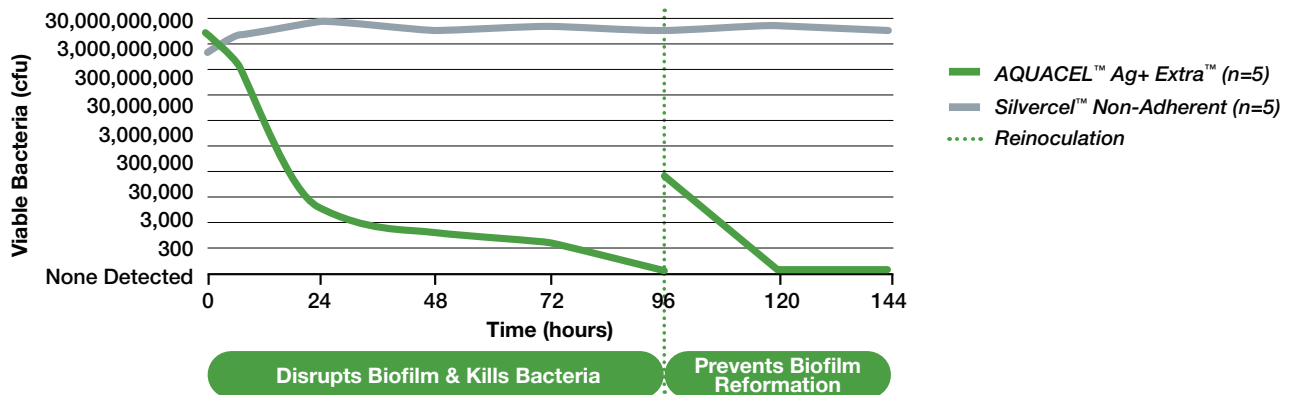
AQUACEL™ Ag+ Extra™ and Silvercel™ Non-Adherent: A dressing comparison

Manage biofilm and infection-causing bacteria

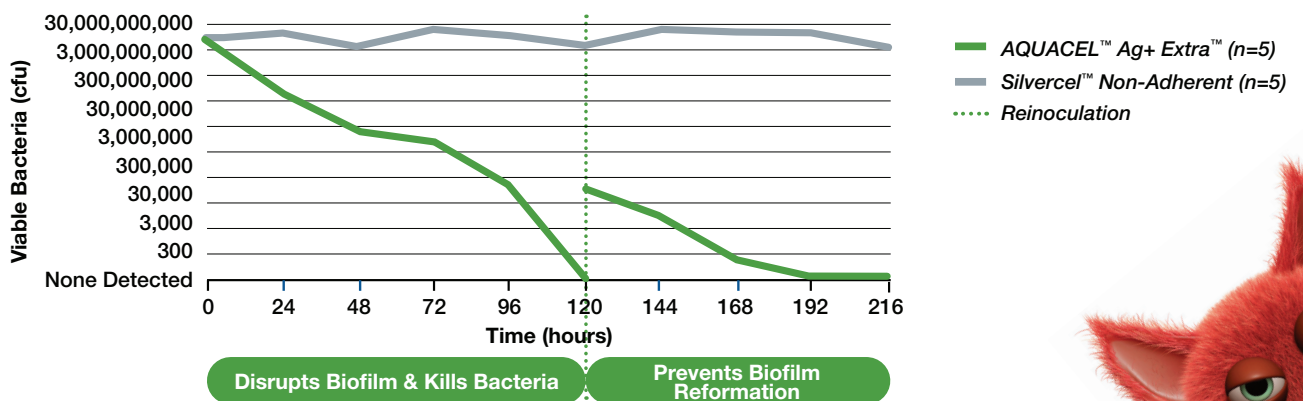
In an *in vitro* biofilm model, **AQUACEL™ Ag+ Extra™** dressing demonstrated superior ability to **disrupt biofilm, prevent its reformation and kill infection causing bacteria**.^{*,1}



Pseudomonas aeruginosa



Community-associated Methicillin-resistant *Staphylococcus aureus* (CA-MRSA)



*As demonstrated *in vitro*.

In this *in vitro* model, mature biofilm was grown on a gauze substrate and confirmed by microscopy. Gauze-biofilm substrates were then transferred to agar plates to create a simulated wound biofilm model; dressings were applied to the biofilm surface, hydrated and covered with an appropriate secondary dressing. Following incubation, the killing effect of the dressing on biofilm-embedded bacteria was assessed at several time points over a maximum of 120 hours. Biofilm reformation was also assessed by inoculating fresh bacteria onto the gauze substrate beneath the dressing, followed by assessment of biofilm presence or absence over a maximum of 96 hours.

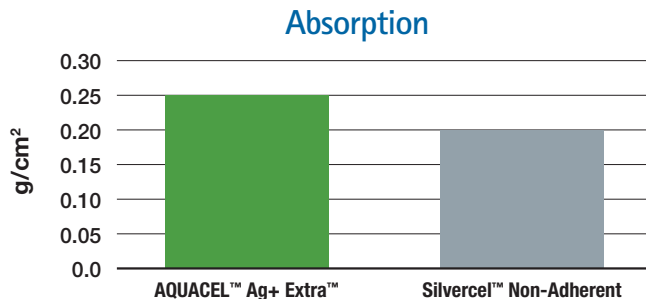
Manage excess exudate to create an ideal healing environment

In an *in vitro* test of fluid management properties, AQUACEL™ Ag+ Extra™ dressing demonstrated:*,2



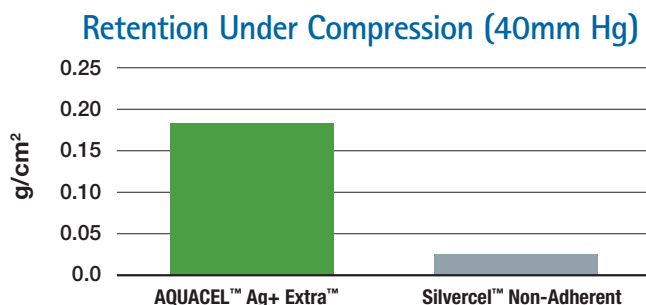
25%

more fluid absorbed than Silvercel™ Non-Adherent dressing



604%

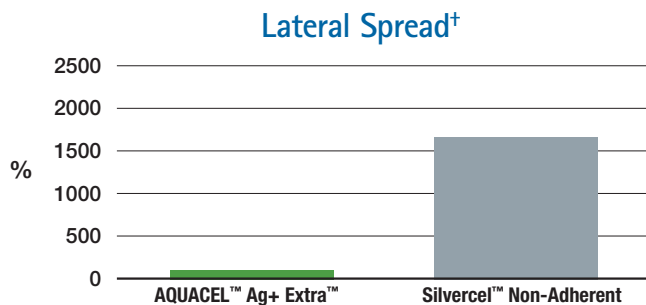
more fluid retained than Silvercel™ Non-Adherent dressing



An *in vitro* test was performed to determine how simulated wound fluid would spread laterally through the dressings.*,2 Lateral fluid spread can lead to maceration of the periwound skin.

97%

less fluid spread than Silvercel™ Non-Adherent dressing



Three wound healing villains:
exudate, infection and biofilm.

One wound healing hero

AQUACEL™ Ag+ Extra™

*As demonstrated *in vitro*.

†Expressed as a % of original area to which fluid is applied.

References: 1. Antimicrobial Activity and Prevention of Biofilm Reformation by AQUACEL® Ag+ EXTRA Dressing and Silvercel® Non Adherent Dressing. WHRI3915 MA244, 2014, Data on file, ConvaTec Inc. 2. *In-vitro* physical testing of AQUACEL® Ag+ EXTRA dressing and Silvercel® Non-Adherent dressings. WHRI3914 MS123, 2014, Data on file, ConvaTec Inc.