

NEWS

SILVERCEL® NON-ADHERENT - effect on bacteria and biofilms

Silver dressings have been widely used in the treatment of infected chronic wounds, due to their potent antimicrobial efficacy.

SILVERCEL® NON-ADHERENT has proven antimicrobial strength¹, but has also demonstrated that it can effectively prevent biofilm formation, as well as significantly reduce the bacterial load in preformed biofilms².

SILVERCEL® NON-ADHERENT was tested on antimicrobial activity using zone of inhibition and Log10 reduction assays against common chronic wound pathogens (see fig 1). The dressing showed broad spectrum effect on antimicrobial activity¹.

In previously presented evidence, SILVERCEL® NON-ADHERENT has also been shown to be effective at reducing the bioburden of *S. aureus* (MRSA), *P. aeruginosa* and *E. faecalis* (VRE) in pre-formed biofilms within 24 hours (see fig 2). Notably, no viable bacteria were recovered from the biofilms of MRSA and VRE².

SILVERCEL® NON-ADHERENT has all the benefits of a silver antimicrobial - and in addition provides easier and less painful dressing changes³ (more about that on the next page).

References:

1. Clark, R. et al. A Comparison of the Performance of Silver containing Wound Dressings, Poster presentation SAWC 2009.
2. McInroy, L. et al. Effect of a new non-adherent absorbent silver antimicrobial dressing on biofilm formation, Poster Wounds UK 2009.

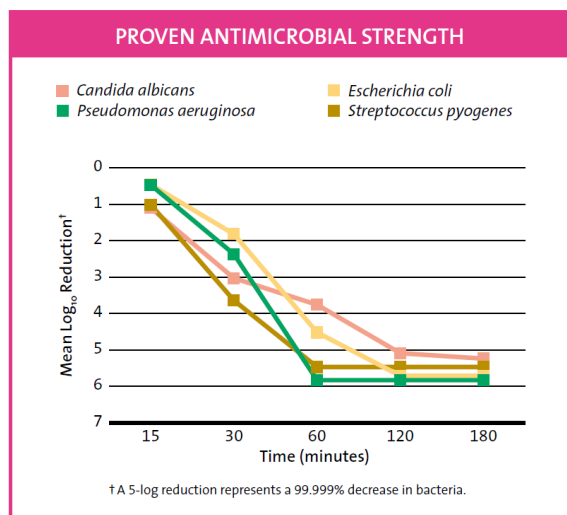


Fig 1 (in vitro) The effect of SILVERCEL® NON-ADHERENT on bacteria¹

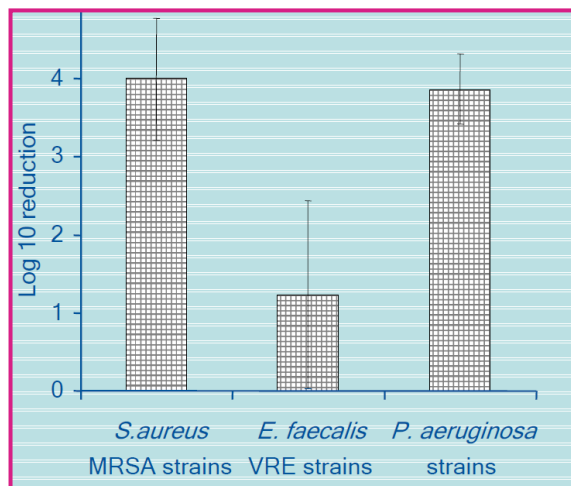


Fig 2 The effect of SILVERCEL® NON-ADHERENT on biofilm formation²

A new series of case studies confirms easier dressing changes with SILVERCEL® NON-ADHERENT

SILVERCEL® NON-ADHERENT was evaluated in a series of case studies recently published³. The aim of the evaluations was to assess the benefit of using a non-adherent silver dressing in the management of different wounds.

26 patients with hard-to-heal wounds with delayed healing were treated with SILVERCEL® NON-ADHERENT dressing and assessed for up to 12 weeks. Clinical measurements included wound area and depth, pain severity scores, wound exudate and odour, presence of infection and time to healing.

The results showed ease of dressing removal, management of infection and minimal fibre shed. The clinician's view was that no maceration to surrounding skin was observed; the dressing was easy to apply and remove; and the patients experienced atraumatic dressing changes. This was confirmed by the patients themselves, as no patients reported adherence of the dressing on wound bed or dressing residue upon removal.

Reference:

3. Ivins, N. et al. A series of case studies using a silver non adherent dressing. Poster, WIC 2011.



Example of a wound treated with SILVERCEL® NON-ADHERENT³

Let's Talk...

To learn more about the benefits of **SILVERCEL® NON-ADHERENT**, contact your Systagenix representative or visit ww.systagenix.com