

NEWS

Non-adherent properties of SILVERCEL® NON-ADHERENT demonstrated by clinical evaluations

New evidence presented by Dr. Rob Snyder at Wounds UK 2010

One of the most difficult challenges in the development of a new wound care dressing is ensuring that in vitro and in vivo experiments are designed to generate clinically relevant and meaningful data. The aim of the present study was to determine if the non-adherent properties of **SILVERCEL® NON-ADHERENT** could be observed clinically.

Study design:

- 20 patient study
- 10 patients in the SILVERCEL® NON-ADHERENT group
- 4 venous leg ulcers (VLU), 4 diabetic foot ulcers (DFU)
- 2 Trauma patients
- 10 control patients treated with Calcium Alginate Dressing (generic).



Fig 1 Example of a wound treated with **SILVERCEL®NON-ADHERENT**

The results

Lower adherence:

Lower levels of adherence of the dressing to the wound bed were observed for patients in the **SILVERCEL® NON-ADHERENT** group compared with the control group (1/10 patients versus 10/10 patients).

Less pain

No pain at dressing change was recorded for patients receiving **SILVERCEL® NON-ADHERENT**, whereas 9/10 patients in the control group experienced pain upon dressing change. Of the patients who experienced pain upon dressing change in the control group, 5/10 patients experienced a FACES score of at least 3.

Easier dressing change

All patients in the control group (10/10) required soaking of dressing at dressing change compared with 2/10 patients in the **SILVERCEL® NON-ADHERENT** group.

Minimal fibre shed

No macroscopic fibres were observed in the wound bed with patients treated with **SILVERCEL® NON-ADHERENT**; fibre shed was observed in 9/10 patients in the control group.



Fig 2–Dressing Removal

Reference: Non-Adherent Properties of a New Antimicrobial Dressings Demonstrated by Clinical Evaluations. Snyder et al. Presented at Wounds UK, 2010

Let's Talk...

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