

VIPES Biatain® Silicone



The VIPES Biatain Silicone study suggests that the use of Biatain Silicone—a dressing that matches the shape and depth of the wound up to 2cm—in community practice supports the body's healing process of wounds. This illustrates the importance of exudate and dead space management.

BASELINE (n=64)



58%
chronic wounds



42%
acute wounds

83%

of patients were enrolled due to **treatment failure** (defined as poor exudate management and/or stagnant wound)

78%

of patients presented with at least one factor associated with delayed wound healing (e.g. diabetes, obesity)

0%

had epithelial tissue

30%

had unhealthy periwound skin

52%

had unhealthy wound edges

70%

had exudate pooling

AFTER

Within a median of **22.5 days** follow-up:

73%

had seen an improvement

=

48%

of wounds had healed

+

25%

of wounds were progressing towards healing

Wound healing was also clearly seen by both nurses and patients



85%

of patients saw an improvement in their wounds



88%

of nurses saw an improvement in the wounds they treated

At the last follow-up visit, several statistically significant outcomes were reported

62%

of patients had >75% epithelial tissue at wound bed ($p < 0,0001$)

89%

of patients had healthy periwound skin ($p < 0,01$)

82%

of patients had healthy wound edges ($p < 0,001$)

69%

reduction in exudate levels and exudate pooling ($p < 0,0001$)



Discussion

Managing dead space between the wound bed and the dressing is crucial for managing the level of exudate and reducing the risk of infection, thereby facilitating the healing process.



Conclusion

The VIPES results highlight that Biatain Silicone supported the healing of complex wounds, by effectively managing the dead space between the dressing and the wound bed.

Even better results can be achieved by providing education and up-to-date recommendations on wound management for community nurses.

Colboc, Hester, et al. "Performance of a silicone foam dressing in management of wounds in a community setting: a sub-analysis of the VIPES study." Journal of Wound Care 33.8 (2024): 542-553.
Study sponsored by Coloplast.

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Examples of wounds treated with Biatain® Silicone during the observational study

ULCER



Before



After

PILONIDAL CYST



Before



After

ULCER



Before



After

SURGICAL WOUND



Before



After

LEG ULCER



Before



After

PRESSURE ULCER



Before



After