

VIPES Biatain[®] Silicone

The VIPES Biatain Silicone study suggests that the use of Biatain Silicone in community practice supports the healing of wounds, illustrating the importance of exudate- and gap management.



Discussion

Managing the gap 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 gap 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 care nurses.

BASELINE (n=64)



58%
Chronic wounds



42%
Acute wounds

0%

had epithelial tissue

30%

had unhealthy periwound skin

52%

had unhealthy wound edges

70%

had exudate pooling

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)

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

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)

82% of patients had healthy wound edges (p<0,001)

89% of patients had healthy periwound skin (p<0,01)

69% reduction in exudate levels and exudate pooling (p<0,0001)

Wound healing was 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

Furthermore, nurses reported additional benefits when using Biatain Silicone

94% of nurses saw conformability to the wound bed

100% of nurses stated easy removal

Patients experienced very mild pain upon dressing removal, VAS score <10

