Biatain® Ag Adhesive

Case study

Treatment of a highly exuding stage III sacral pressure ulcer with Biatain Ag Adhesive

Biatain® – the simple choice
Case study
Treatment of a highly exuding stage III sacral pressure ulcer with Biatain® Ag

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Introduction
This report describes four weeks treatment of a patient suffering from a highly exuding critically colonised sacral pressure ulcer stage III with Biatain Ag.

Pressure ulcers are associated with fivefold increase in mortality in elderly patients. The prevalence of pressure ulcers is 3%-14% among acute care hospital patients and up to 25% in long term healthcare facilities. Pressure ulcers located in the sacral area are highly at risk of bacterial contamination. Critical bacterial colonisation may worsen the wound and delay healing considerably. The most important signs of critical colonisation (or local infection) are delayed healing, odour, abnormal or absent granulation tissue, increased exudation, and wound pain.

Biatain Ag is a unique 3D polyurethane foam with an antibacterial silver complex homogeneously dispersed throughout the foam. Biatain Ag combines superior absorption and antimicrobial properties in one dressing. Silver release is sustained for up to seven days in the presence of wound exudate. Biatain Ag kills MRSA faster than other silver dressings.

Wound Progress
Already after one week the wound bed was considerably cleaner and the odour was eliminated (Figure 3). After 1 month of treatment the wound bed was cleaned and there was no odour. Healthy granulating tissue was present and the healing process was in good progress (Figure 4).

Dressing Performance
The dressing demonstrated good absorption capacity and good patient comfort. The Nurse found the dressing easy to apply and remove. No infections or adverse events were reported.

Conclusion
In conclusion, during the one-month treatment period Biatain Ag effectively eliminated signs of local infection and supported healing of this heavily exuding sacral pressure ulcer. Elimination of odour and a significant increase in healthy granulation tissue was observed already after one week.

Medical history
The patient is an 88 years old woman with a highly exuding stage III sacral pressure ulcer. The ulcer had persisted for 2 months and had previously been treated with standard moist wound healing products. The ulcer had several signs of local infection; the ulcer had a significant odour and was heavily exuding. A small undermining was present at the top of the ulcer and there was approximately 50% unhealthy necrotic tissue in the wound bed. Figure 2 shows the ulcer at inclusion.
Biatain® Ag Adhesive
Superior absorption – for infected wounds that need extra adhesion

Biatain Ag

Adhesive Foam Dressings with silver

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Biatain Ag

Adhesive Foam Dressings with silver / shapes

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