

The Role of Ready-To-Use, Absorbent Waterproof Dressings* As Primary Wound Care Dressing

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Background:

Painful dressing changes are a common occurrence in wound care. Additionally, so are concerns of patients and caregivers for wound protection with bathing. Thus, a dressing that facilitates both painless dressing changes and allows bathing while possessing properties of an ideal dressing should be explored.

Objective:

To assess the efficacy of a dressing using water repelling technology with microporous absorbent foam pad thereby allowing bathing while keeping the wound dry.

Design and Methods:

Six patients with a total of 6 wounds were studied. Etiologies included dehiscence (n=1), pressure (n=2), surgical (n=1), and traumatic (n=2). An adhesive bordered dressing with water repelling outer layer and a microporous absorbent foam pad was applied directly over the wounds as the primary dressing and changed an average of every 5 days \pm 2 days after the patients bathed.

Results:

All wounds remained dry with bathing and the adhesive borders remained intact. Additionally, the dressing maintained a moist wound healing environment while acting as a barrier from water during showering and was atraumatic to periwound and wound tissues upon removal.

Wound Dressing Illustrations:

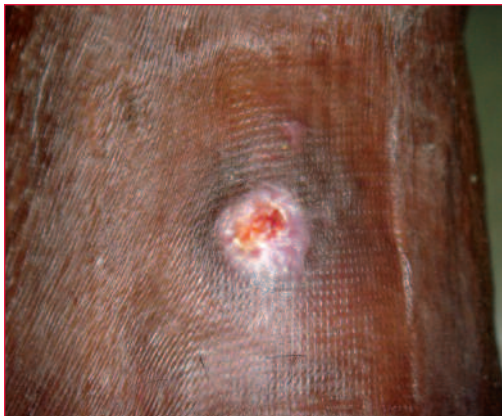
Self-adhesive, conformable, waterproof dressing with microporous absorbent foam pad.*



*Restore Hydro-Shield Foam Dressings is a product of Hollister Wound Care, LLC, Libertyville, IL.

Before:

Wound after initial continuous 3 day wear and 1 week prior to full epithelialization. No reaction to adhesive.



After:

Patient wound site immediately after removal of waterproof foam dressing. No residue, no wetness after morning bathing prior to coming for office visit. Wound healed uneventfully after one week of daily showering with dressing in place.



Conclusion:

A primary dressing using water repelling technology for the outer layer with a microporous absorbent foam pad in a ready-to-use, platform transforms dressing changes by facilitating showering of the affected site while providing protection from wetness, maintaining a moist wound environment and alleviating painful dressing changes.

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Complex Problems. Innovative Solutions.

References

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