



USE OF HIGHLY ABSORBENT WOUND DRESSINGS¹ IN THE TREATMENT OF CHRONIC WOUNDS

RN Petra Andonovski Fužir (1)

1. General Hospital Slovenj Gradec, Slovenia

Introduction

Chronic wounds are a significant healthcare challenge, especially in elderly patients with multiple comorbidities. Standard treatments often involve frequent dressing changes, which can be burdensome for patients and healthcare providers. The use of highly absorbent wound dressings¹ has been proposed as an alternative to improve healing outcomes and reduce the frequency of dressing changes. This case report presents the results of using highly absorbent wound dressings¹ in the treatment of a chronic wound in an elderly patient.

Methods

The patient, an 83-year-old male with a history of diabetes, arterial hypertension, chronic kidney disease (stage 5), and gout, presented with a chronic wound on his right lower leg. Previous treatments with various absorbency dressings showed limited improvement. After transitioning to highly absorbent wound dressings¹, the wound was monitored for progress, with dressing changes recorded and clinical observations documented. Key factors observed included the duration between dressing changes, wound healing rate, and patient comfort.

Results

Upon initiating treatment with highly absorbent wound dressings¹, significant improvements were noted in the wound's condition. Initially, the dressing¹ lasted for two full days without requiring a change, and over time, the dressings¹ began to last up to three days. The highly absorbent nature of highly absorbent wound dressings¹ effectively controlled exudate, protecting the wound and facilitating faster healing. The dressing¹ also prevented microbial contamination, reducing the risk of infection. Furthermore, the patient reported increased comfort and reduced frequency of dressing¹ changes, which contributed to improved quality of life.



Conclusions

The use of highly absorbent wound dressings¹ significantly improved wound healing outcomes in a patient with a chronic leg wound. The extended wear time between dressing¹ changes enhanced patient comfort and reduced the need for frequent clinical visits. Highly absorbent wound dressings¹ proved to be an effective solution in the management of chronic wounds, offering both clinical and patient-centered benefits, including reduced infection risk and faster healing.

Conflict of Interest

The author declares no conflicts of interest related to this case report.

References

1. B Wise Wound Care. Superabsorbent Dressings. Available at: <https://www.zaloker-zaloker.si/izdelek/b-wise-visokovpojna-obloga/> [Accessed: April 2025].

Dedicated to the memory of Dr. Aljoša Škapin, whose passion for wound care inspired us all. (1984-2025)